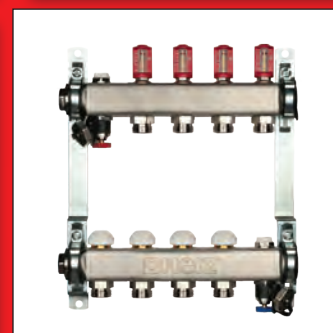


Product Range



2019 / 2020



HERZ Armaturen GmbH

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General information, technical data

HERZ thermostatic valves

The thermostatic heads and valves in the HERZ product range featuring the Keymark conformity symbol  have been tested according to EN 215.

The maximum permissible differential pressure for all HERZ thermostatic valves is 0.6 bar, except for the dimensions 3/4 and 1 with 0.4 bar and HERZ-TS-90-E and HERZ-TS-E with 0.2 bar.

For low-noise operation of the valves, the differential pressure must be designed according to the "VDMA leaflet on the planning and hydraulic balancing of heating systems with thermostatic radiator valves" (max. 0.2 bar).

Universal models

HERZ radiator valves and radiator screw connections in the dimensions 3/8–3/4 are universal models with special sockets, except for HERZ-TS-E, HERZ-RL-1-E. Threaded pipes can be connected to these using the pipe thread, or copper, soft steel or plastic pipes can be connected with compression adapters.

The same applies to STRÖMAX, STRÖMAX-D, STRÖMAX-M, STRÖMAX-R 1/2. A special adapter is available for the dimension 3/4.

Standard models

HERZ-AS and radiator screw connections 1 and 1¼, HERZ-TS valves 1 and HERZ-TS-E-valves are standard models with threaded socket for threaded pipes.

Surface finishes "nickel-plated" and "brass"

Unless otherwise described, HERZ valves and HERZ distributor connection systems are delivered with **nickel-plated surface**.

Pipe valves are preferably installed in the boiler room or in risers. These valves are delivered in the **brass version** unless otherwise described in the product text.

Technical data

- For all HERZ valves

Max. operating temperature TS 120°C

Max. operating pressure PS 10 bar

Heating water quality according to ÖNORM H 5195 and VDI Guideline 2035.

Storage temperature (not installed) –15°C to 60°C.

This information applies only if no other values are specified in the product data sheets.

- For compression adapters for metallic pipes

For the use of compression adapters for copper and steel pipes, the permissible temperature and pressure information according to EN 1254-2:1998, Table 5, must be observed.

- For plastic pipe connections

The plastic pipe connections are suitable for application classes 1, 2, 4 and 5 according to ISO 10508 "Plastic piping systems for hot and cold water installations", DIN 4726 "Warm water surface heating systems and radiator connecting systems" and ÖNORM EN ISO 21003-1 "Multilayer piping systems for hot and cold water installations inside buildings - Part 1". Application class 1, 2 and 4-10 bar and application class 5-8 bar.

This results in a maximum operating temperature of 95°C at 10 bar. The user is obligated to select the **operating pressure P_{oper}** and **operating temperature T_{oper}** for the respective pipe type such that the values in the standards and the permissible operating data of the pipe manufacturer are complied with.

Deviations from these values are specifically noted in the technical documents.

Hand wheel colours

Hand wheels and plastic parts are white; on pipe valves, they are red or green. Other colours are specifically noted. Please contact us for special colours.

Documents

Brochures, technical data sheets and tender texts are available for all HERZ products and product groups. The HERZ field sales employees are happy to provide these documents or you may request them from us.

Order numbers

The seven-digit order number contains the four-digit article designation, which is emphasised with **bold** type. The order number unmissably designates the valve design – series, dimension, colour, design variant – and is structured for electronic data processing. Please use these numbers in your order to prevent mistakes.

EAN, VKE, prices

The European Article Number (**EAN**) has thirteen digits and comprises the code for country and manufacturing company – **EAN 90 04174**, as well as the code for the product and the check digit.

The EAN applies to one piece or one billing unit and not for the specified sale units (**SU**). We would be happy to provide the EAN list for sale units on request.

All prices are guide prices in euro (€), excluding VAT, subject to change and apply for one piece with purchase in the sale unit. We reserve the right to apply surcharges for smaller quantities.

ARA

HERZ Armaturen is a licensee of Altstoff Recycling Austria Aktiengesellschaft, registered with **license number 2102**. The disposal contribution is paid based on the licensing agreement.

Changes/improvements

HERZ Armaturen reserves the right to make changes and improvements in the interests of technical progress or based on market requirements and to deliver such changed products without special notice.

Threaded connection with inner cone

HERZ offers a comprehensive selection of pipe connections and guarantees that both current and future, improved HERZ compression adapters are always a perfect fit for HERZ valves, meaning that mixing with third party products from other manufacturers is not required. Because HERZ cannot make any guarantee for third party products, combinations with products of other manufacturers are outside of the HERZ warranty.

Images

The images in the HERZ product range descriptions should be understood as symbolic representations and may therefore differ in appearance from the actual products.

ISO 9001 certification

The company HERZ Armaturen Ges.m.b.H., A-1230 Vienna, has a functioning and effective quality management system in all business areas that is designed to maintain the necessary level of customer trust. Verification of compliance with the requirements of **ÖNORM EN ISO 9001:2015** has been provided.

Product group overview

- PG 1 Valves
- PG 2 Pipes
- PG 3 Press and Sliding Sleeve Fittings
- PG 4 Skirting Boards
- PG 5 Panel Heating
- PG 6 Ball Valves / PUMPFIX
- PG 8 Residential Unit Hydraulic Interface Units
- PG 9 Safety Valves / Air & Dirt Separators
- PG 10 District Heating Components

1	DE LUXE Thermostatic Heads, Thermostatic Valves, Connection Systems, Accessories	1
2	Thermostatic Heads HERZ threaded connection M 28 x 1.5, HERZ threaded connection "H" M 30 x 1.5, HERZ threaded connection "D" clamps or snap fastener, Special Models, Accessories	2
3	Thermostatic Valves HERZ Thermostatic Valves threaded connection M 28 x 1.5, HERZ Thermostatic Valves threaded connection "H" M 30 x 1.5, Special Models, Accessories/Spare Parts	3
4	Radiator Valves and Radiator Connection Systems Return Valves, Radiator Control Valves, Thermostatic Inserts, HERZ-3000, Double Connection Distributors, HERZ-2000, Special Models, Accessories/Spare Parts	4
5	Control and Regulating Valves Commissioning Valves, Differential Pressure Controllers, Flow Rate Controllers, Combi Valves, Zone Valves, 2-Port/3-Port Valves, Accessories and Spare Parts	5
6	Flanged Valves Commissioning Valves, Differential Pressure Controllers, Flow Rate Controllers, Combi Valves, 2-Port/3-Port Valves, Shutoff Valves, Butterfly Valves, Strainers, Metering Stations	6
7	Pipe Fittings Shutoff Valves, Ball Valves, Strainers, Check valves, Air Vents, Safety Valves, Accessories, Connections	7
8	Temperature Control, Measurement and Control Technology Thermal drives, actuators, Measurement & Control Technology, Accessories	8
9	Drinking Water Systems Commissioning valves, Shutoff Valves, Ball Valves, Pressure Reducers, Drain Valves, Backflow Preventers, Water Filters, Safety Valves, Accessories/Spare Parts, Distributors	9
10	PIPEFIX Plastic-Aluminium Composite Pipes, Press Fittings, Plastic Pipe Connections, Compression Adapters, Accessories/Spare Parts	10
11	Gas Systems Ball Valves, Strainers, Accessories	11
12	Systems Substations, Heat Interface Units, Pressure-Maintaining Device, Accessories/Spare Parts	12
13	Distribution Pump Groups, Floor Heating Distributors, Rod-Type Distributors, Compact Floor, Accessories/Spare Parts	13

Threaded pipe EN 10255 (medium-weight)

Connections

Nominal size (DN)	Pipe thread R, nominal size (inch)	Outside diameter d _o max. (mm)	Wall thickness s (mm)	Inside diameter d _i (mm)	Volume (l/m)
8	1/4	14.0	2.3	8.8	0.07
10	3/8	17.5	2.3	12.5	0.12
15	1/2	21.8	2.6	16.0	0.20
20	3/4	27.3	2.6	21.6	0.37
25	1	34.2	3.2	27.2	0.58
32	1¼	42.9	3.2	35.9	1.01
40	1½	48.8	3.2	41.8	1.37
50	2	60.8	3.6	53.0	2.21
65	2½	76.6	3.6	68.8	3.72
80	3	89.5	4.0	80.8	5.13
100	4	115.0	4.5	105.3	8.71
125	5	140.8	5.0	130.0	13.27

For threaded pipes, the nominal size is generally given in inches. For copper pipes, the outer diameter is typically given in mm (10; 12; 15; 18; 22; 28; 35; 42; 54; 67; etc.); the pipe thickness for 10-22 mm is 1 mm, for 28-42 1.5 mm and for 54+67 2 mm.

Threaded pipe EN 10255 (heavy)


Connections

Nominal size (DN)	Pipe thread R (inch)	Outside diameter d _o max. (mm)	Wall thickness s (mm)	Inside diameter d _i (mm)
10	3/8	17.5	2.9	11.4
15	1/2	21.8	3.2	14.8
20	3/4	27.3	3.2	20.4
25	1	34.2	4.0	25.6
32	1¼	42.9	4.0	34.3
40	1½	48.8	4.0	40.2
50	2	60.8	4.5	51.3



Thermostatic heads MINI DE LUXE with threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves



Model	Connection	EAN 90 04174	Order number	Sale Unit	€
	HERZ thermostatic head MINI DE LUXE ^{*/**} , white with liquid sensor (hydrosensor), set point range 0–30°C, with setting “0”, frost protection adjustable at approx. 6°C.	M 28 x 1.5	80021 4	S 9200 34	1
	HERZ thermostatic head MINI DE LUXE ^{*/**} , chrome with liquid sensor (hydrosensor), set point range 0–30°C, with setting “0”, frost protection adjustable at approx. 6°C.	M 28 x 1.5	80020 7	S 9200 31	1

* For combining with the DELUXE series S xxxx xx

** Specially designed for the thermostatic valves on pages 10, 13 and 14


Thermostatic heads DE LUXE with threaded connection M 28 x 1.5

suitable HERZ-TS-90 DE LUXE thermostatic valves


	HERZ thermostatic head DE LUXE, chrome with liquid sensor (hydrosensor), with setting “0” and with cover and locking ring. Frost protection adjustable at approx. 6°C, set point range 0–30°C.	90160 7	1 9230 41	1	
	HERZ thermostatic head DE LUXE, white (RAL 9010)	90180 5	1 9230 44	1	
	HERZ thermostatic head DE LUXE, matt black	90290 1	1 9230 49	1	
	HERZ thermostatic head DE LUXE, colour Pergamum with liquid sensor (hydrosensor), with setting “0” and with cover and locking ring. Frost protection adjustable at approx. 6°C, set point range 0–30°C.	90580 3	S 9230 01	1	
	Colour Aegean	90570 4	S 9230 02	1	
	Colour Manhattan	90610 7	S 9230 03	1	
	Colour Edelweiss	90770 8	S 9230 04	1	
	Colour Calypso	90780 7	S 9230 05	1	
	Colour Bahama Beige	90790 6	S 9230 06	1	
	Colour Greenwich	90800 2	S 9230 07	1	
	Colour Jasmine	90810 1	S 9230 08	1	
	Colour Natural	90820 0	S 9230 09	1	
	Colour Ultramarine Blue (RAL 5002)	90830 9	S 9230 10	1	
	Colour Flame Red (RAL 3000)	90840 8	S 9230 11	1	
	Colour Ruby Red (RAL 3003)	90850 7	S 9230 12	1	
	Colour Signal Blue (RAL 5005)	90860 6	S 9230 13	1	
Colour Golden Yellow (RAL 1004)	90870 5	S 9230 14	1		
Colour Light Ivory (RAL 1015)	90880 4	S 9230 15	1		

Additional colours available on request.


Thermostatic head MINI DE LUXE with threaded connection M 28 x 1.5 suitable for HERZ thermostatic valves

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ thermostatic head MINI DE LUXE, chrome with liquid sensor (hydrosensor), with setting "0" and with cover and locking ring. Frost protection adjustable at approx. 6°C, set point range 6–30°C.</p>	91560 4	1 9200 41	20	


Thermostatic head MINI "H" DE LUXE with threaded connection M 30 x 1.5

 <p>HERZ thermostatic head MINI "H" DE LUXE, chrome with liquid sensor (hydrosensor), with setting "0" and with cover and locking ring, frost protection adjustable at approx. 6°C, set value range 0–30°C.</p>	91570 3	1 9200 48	1	
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Thermostatic heads "H" DE LUXE with threaded connection M 30 x 1.5


	<p>HERZ thermostatic head "H" DE LUXE, chrome with liquid sensor (hydrosensor), with setting "0" and with cover and locking ring. Frost protection adjustable at approx. 6°C, set point range 0–30°C.</p>	90340 3	1 9238 41	1	
	<p>HERZ thermostatic head "H" DE LUXE, white (RAL 9010)</p>	90370 0	1 9238 44	1	
	<p>HERZ thermostatic head "H" DE LUXE, matt black</p>	90380 9	1 9238 49	1	

Thermostatic heads "H" DE LUXE with threaded connection M 30 x 1.5


	<p>HERZ thermostatic head "H" DE LUXE colour Pergamum with liquid sensor (hydrosensor), with setting "0" and with cover and locking ring. Frost protection adjustable at approx. 6°C, set point range 0–30°C.</p>	91100 2	S 9238 01	1	
	<p>Colour Aegean</p>	91110 1	S 9238 02	1	
	<p>Colour Manhattan</p>	91120 0	S 9238 03	1	
	<p>Colour Edelweiss</p>	91130 9	S 9238 04	1	
	<p>Colour Calypso</p>	91140 8	S 9238 05	1	
	<p>Colour Bahama Beige</p>	91150 7	S 9238 06	1	
	<p>Colour Greenwich</p>	91160 6	S 9238 07	1	
	<p>Colour Jasmine</p>	91170 5	S 9238 08	1	
	<p>Colour Natural</p>	91180 4	S 9238 09	1	
	<p>Colour Ultramarine Blue (RAL 5002)</p>	91190 3	S 9238 10	1	
	<p>Colour Flame Red (RAL 3000)</p>	91200 9	S 9238 11	1	
	<p>Colour Ruby Red (RAL 3003)</p>	91210 8	S 9238 12	1	
	<p>Colour Signal Blue (RAL 5005)</p>	91220 7	S 9238 13	1	
	<p>Colour Golden Yellow (RAL 1004)</p>	91230 6	S 9238 14	1	
	<p>Colour Light Ivory (RAL 1015)</p>	91240 5	S 9238 15	1	

Additional colours available on request.

Thermostatic heads "D" DE LUXE with clamps or snap fastener





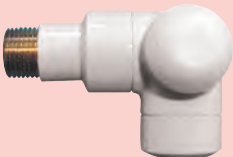
Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ thermostatic head "D" DE LUXE, chrome with liquid sensor (hydrosensor), with setting "0" and with cover and locking ring. Frost protection adjustable at approx. 6°C, set point range 0–30°C.</p>	90430 1	1 9239 41	1	
	90460 8	1 9239 44	1	
	90470 7	1 9239 49	1	

Thermostatic heads "D" DE LUXE with clamps or snap fastener

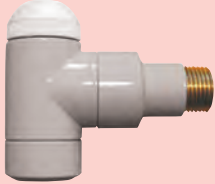
	<p>HERZ thermostatic head "D" DE LUXE, colour Pergamum with liquid sensor (hydrosensor), with setting "0" and with cover and locking ring. Frost protection adjustable at approx. 6°C, set point range 0–30°C.</p>	90750 0	S 9239 01	1	
	Colour Aegean	90740 1	S 9239 02	1	
	Colour Manhattan	90760 9	S 9239 03	1	
	Colour Edelweiss	90890 3	S 9239 04	1	
	Colour Calypso	90900 9	S 9239 05	1	
	Colour Bahama Beige	90910 8	S 9239 06	1	
	Colour Greenwich	90920 7	S 9239 07	1	
	Colour Jasmine	90930 6	S 9239 08	1	
	Colour Natural	90940 5	S 9239 09	1	
	Colour Ultramarine Blue (RAL 5002)	90950 4	S 9239 10	1	
	Colour Flame Red (RAL 3000)	90960 3	S 9239 11	1	
	Colour Ruby Red (RAL 3003)	90970 2	S 9239 12	1	
	Colour Signal Blue (RAL 5005)	90980 1	S 9239 13	1	
	Colour Golden Yellow (RAL 1004)	90990 0	S 9239 14	1	
Colour Light Ivory (RAL 1015)	91000 5	S 9239 15	1		

Additional colours available on request.

TS-90 thermostatic valves DE LUXE with threaded connection M 28 x 1.5

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€	
 <p>HERZ-TS-90 thermostatic valve DE LUXE straight model, chrome radiator connection with cone, universal model with special socket for threaded pipe and compression adapter connection.</p>	1/2	72310 0	1 7923 41	1		
		White (RAL 9010)	72340 7	1 7923 44	1	
		Matt black	72510 4	1 7923 49	1	
 <p>HERZ-TS-90 thermostatic valve DE LUXE Angle model, chrome Radiator and pipe connection as for 1 7923 41.</p>	1/2	72350 6	1 7924 41	1		
		White (RAL 9010)	72380 3	1 7924 44	1	
		Matt black	72500 5	1 7924 49	1	
 <p>HERZ-TS-90 thermostatic valve DE LUXE Reverse angle model, chrome Radiator and pipe connection as for 1 7923 41.</p>	1/2	72710 8	1 7928 41	1		
		White (RAL 9010)	72740 5	1 7928 44	1	
		Matt black	72750 4	1 7928 49	1	
 <p>HERZ-TS-90 thermostatic valve DE LUXE 3-axis valve "AB", chrome Valve to left of radiator. Radiator and pipe connection as for 1 7923 41.</p>	1/2	72760 3	1 7958 41	1		
		White (RAL 9010)	72790 0	1 7958 44	1	
		Matt black	72800 6	1 7958 49	1	
 <p>HERZ-TS-90 thermostatic valve DE LUXE 3-axis valve "CD", chrome Valve to right of radiator. Radiator and pipe connection as for 1 7923 41.</p>	1/2	72810 5	1 7959 41	1		
		White (RAL 9010)	72840 2	1 7959 44	1	
		Matt black	72850 1	1 7959 49	1	

TS-90 thermostatic valves DE LUXE, universal models with threaded connection M 28 x 1.5

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
	HERZ-TS-90-thermostatic valve DE LUXE Angle model, colour Pergamum Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.	1/2	73550 9	S 7924 01	1
	Colour Aegean	1/2	73560 8	S 7924 02	1
	Colour Manhattan	1/2	73570 7	S 7924 03	1
	Colour Edelweiss	1/2	73620 9	S 7924 04	1
	Colour Calypso	1/2	73630 8	S 7924 05	1
	Colour Bahama Beige	1/2	73640 7	S 7924 06	1
	Colour Greenwich	1/2	73650 6	S 7924 07	1
	Colour Jasmine	1/2	73660 5	S 7924 08	1
	Colour Natural	1/2	73670 4	S 7924 09	1
	Colour Ultramarine Blue (RAL 5002)	1/2	73680 3	S 7924 10	1
	Colour Flame Red (RAL 3000)	1/2	73690 2	S 7924 11	1
	Colour Ruby Red (RAL 3003)	1/2	73700 8	S 7924 12	1
	Colour Signal Blue (RAL 5005)	1/2	73710 7	S 7924 13	1
	Colour Golden Yellow (RAL 1004)	1/2	73720 6	S 7924 14	1
	Colour Light Ivory (RAL 1015)	1/2	73730 5	S 7924 15	1



Other designs in other colours – straight model, reverse angle model, 3-axis valves “AB” and “CD” – available upon request.

Chrome
Matt black
White RAL 9010
Pergamum
Aegean
Manhattan
Edelweiss
Calypso
Bahama Beige

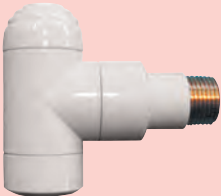
Greenwich
Jasmine
Natural
Ultramarine Blue RAL 5002
Flame Red RAL 3000
Ruby Red RAL 3003
Signal Blue RAL 5005
Golden Yellow RAL 1004
Light Ivory RAL 1015

Colour deviations possible due to printing technology!

Return valves DE LUXE, universal models with pre-setting via stroke limitation

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€	
 <p>HERZ return valve DE LUXE straight model, chrome Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	1/2	30850 5	1 3725 41	1		
		White (RAL 9010)	30880 2	1 3725 44	1	
		Matt black	31080 5	1 3725 49	1	
 <p>HERZ return valve DE LUXE angle model, chrome Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	1/2	30890 1	1 3726 41	1		
		White (RAL 9010)	30920 5	1 3726 44	1	
		Matt black	31090 4	1 3726 49	1	

Return valves DE LUXE, universal models with pre-setting via stroke limitation

	<p>HERZ return valve DE LUXE angle model, colour Pergamum Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	1/2	31530 5	S 3726 01	1	
	Colour Aegean	1/2	31540 4	S 3726 02	1	
	Colour Manhattan	1/2	31550 3	S 3726 03	1	
	Colour Edelweiss	1/2	31560 2	S 3726 04	1	
	Colour Calypso	1/2	31570 1	S 3726 05	1	
	Colour Bahama Beige	1/2	31580 0	S 3726 06	1	
	Colour Greenwich	1/2	31590 9	S 3726 07	1	
	Colour Jasmine	1/2	31600 5	S 3726 08	1	
	Colour Natural	1/2	31610 4	S 3726 09	1	
	Colour Ultramarine Blue (RAL 5002)	1/2	31620 3	S 3726 10	1	
	Colour Flame Red (RAL 3000)	1/2	31630 2	S 3726 11	1	
	Colour Ruby Red (RAL 3003)	1/2	31640 1	S 3726 12	1	
	Colour Signal Blue (RAL 5005)	1/2	31650 0	S 3726 13	1	
	Colour Golden Yellow (RAL 1004)	1/2	31660 9	S 3726 14	1	
Colour Light Ivory (RAL 1015)	1/2	31670 8	S 3726 15	1		


HERZ return valves DE LUXE coloured as straight model are available upon request.

Chrome
Matt black
White RAL 9010
Pergamum
Aegean
Manhattan
Edelweiss
Calypso
Bahama Beige


Greenwich
Jasmine
Natural
Ultramarine Blue RAL 5002
Flame Red RAL 3000
Ruby Red RAL 3003
Signal Blue RAL 5005
Golden Yellow RAL 1004
Light Ivory RAL 1015

Colour deviations possible due to printing technology!


Compression adapters for universal models DE LUXE TS-90 and RL-1

Model	Colour	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ compression adapter DE LUXE with nut and olive for compression adapter connections.</p>	Chrome	63200 6	1 6292 41	1	
	White (RAL 9010)	63230 3	1 6292 44	1	
	Matt black	63270 9	1 6292 49	1	


Compression adapters for universal models DE LUXE, sanitary colours

 <p>HERZ compression adapter DE LUXE with nut and olive for compression adapter connections.</p>	Pergamum	63630 1	S 6292 01	1	
	Aegean	63640 0	S 6292 02	1	
	Manhattan	63650 9	S 6292 03	1	
	Edelweiss	63660 8	S 6292 04	1	
	Calypso	63670 7	S 6292 05	1	
	Bahama Beige	63680 6	S 6292 06	1	
	Greenwich	63690 5	S 6292 07	1	
	Jasmine	63700 1	S 6292 08	1	
	Natural	63710 0	S 6292 09	1	
	Ultramarine Blue (RAL 5002)	63720 9	S 6292 10	1	
	Flame Red (RAL 3000)	63730 8	S 6292 11	1	
	Ruby Red (RAL 3003)	63740 7	S 6292 12	1	
	Signal Blue (RAL 5005)	63750 6	S 6292 13	1	
	Golden Yellow (RAL 1004)	63760 5	S 6292 14	1	
Light Ivory (RAL 1015)	63770 4	S 6292 15	1		



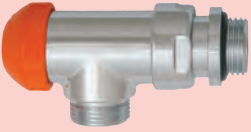

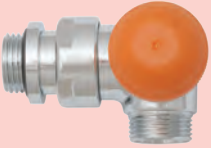
Compression adapter covers DE LUXE

 <p>HERZ compression adapter cover DE LUXE for compression adapter connections.</p>	Chrome	63860 2	1 6281 41	1	
	White (RAL 9010)	63890 9	1 6281 44	1	
	Matt black	63900 5	1 6281 49	1	

Compression adapter covers DE LUXE, sanitary colours

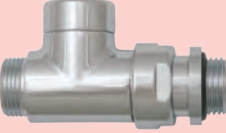
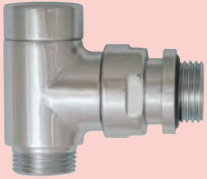

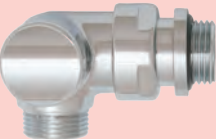
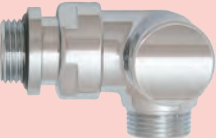
 <p>HERZ compression adapter cover DE LUXE for compression adapter connections.</p>	Pergamum	65620 0	S 6281 21	1	
	Aegean	65630 9	S 6281 22	1	
	Manhattan	65640 8	S 6281 23	1	
	Edelweiss	65650 7	S 6281 24	1	
	Calypso	65660 6	S 6281 25	1	
	Bahama Beige	65670 5	S 6281 26	1	
	Greenwich	65680 4	S 6281 27	1	
	Jasmine	65690 3	S 6281 28	1	
	Natural	65700 9	S 6281 29	1	
	Ultramarine Blue (RAL 5002)	65710 8	S 6281 30	1	
	Flame Red (RAL 3000)	65720 7	S 6281 31	1	
	Ruby Red (RAL 3003)	65730 6	S 6281 32	1	
	Signal Blue (RAL 5005)	65740 5	S 6281 33	1	
	Golden Yellow (RAL 1004)	65750 4	S 6281 34	1	
Light Ivory (RAL 1015)	65760 3	S 6281 35	1		

TS-98-V thermostatic valves DE LUXE with threaded connection M 28 x 1.5 DE LUXE TS-98-V with continuous pre-setting and readout





Model	Connection	EAN 90 04174	Order number	Sale Unit	€
	HERZ-TS-98-V valve straight model*, white Thermostatic valve, white coated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80055 9	S 7633 44	1
	HERZ-TS-98-V valve straight model*, chrome Thermostatic valve, chrome-plated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80054 2	S 7633 41	1
	HERZ-TS-98-V thermostatic valve angle model*, white Thermostatic valve, white coated Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80051 1	S 7634 44	1
	HERZ-TS-98-V thermostatic valve angle model*, chrome Thermostatic valve, chrome-plated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80050 4	S 7634 41	1
	HERZ-TS-98-V thermostatic valve reverse angle model*, white Thermostatic valve, white coated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80059 7	S 7638 44	1
	HERZ-TS-98-V thermostatic valve reverse angle model*, chrome Thermostatic valve, chrome-plated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80058 0	S 7638 41	1
	HERZ-TS thermostatic valve “AB” design white* Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80045 0	S 7645 44	1
	HERZ-TS thermostatic valve “AB” design chrome* Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80044 3	S 7645 41	1
	HERZ thermostatic valve “CD” design white* Thermostatic valve, white coated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80047 4	S 7646 44	1
	HERZ thermostatic valve “CD” design chrome* Thermostatic valve, chrome-plated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80046 7	S 7646 41	1

* Matching thermostatic heads in DE LUXE design: S 9200 31 (chrome), S 9200 34 (white) - please see page 4.

DE LUXE RL return valves, control and shutoff valve

Model	Connection	EAN 90 04174	Order number	Sale Unit	€
	HERZ return valve DE LUXE straight model, white Control and shutoff valve, white coated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80053 5	S 3733 44	1
	HERZ return valve DE LUXE straight model, chrome Control and shutoff valve, chrome-plated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80052 8	S 3733 41	1
	HERZ return valve DE LUXE angle model, white Control and shutoff valve, white coated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80049 8	S 3734 44	1
	HERZ return valve DE LUXE angle model, chrome Control and shutoff valve, chrome-plated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80048 1	S 3734 41	1
	HERZ reverse angle return valve design white Control and shutoff valve, for installation in return line, white coated.	G 1/2 – M 22 x 1.5	80057 3	S 3738 44	1
	HERZ reverse angle return valve design chrome Control and shutoff valve, for installation in return line, chrome-plated.	G 1/2 – M 22 x 1.5	80056 6	S 3738 41	1
	HERZ axis return valve "AB" design white Control and shutoff valve, chrome-plated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80041 2	S 3745 44	1
	HERZ axis return valve "AB" design chrome Control and shutoff valve, white coated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80040 5	S 3745 41	1
	HERZ axis return valve "CD" design white Control and shutoff valve, white coated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80043 6	S 3746 44	1
	HERZ axis return valve "CD" design chrome Control and shutoff valve, chrome-plated. Radiator connection with cone. Pipe connection male thread M 22 x 1.5 with cone.	G 1/2 – M 22 x 1.5	80042 9	S 3746 41	1





DE LUXE 3000 connection system for valve radiator

Model	EAN 90 04174	Order number	Sale Unit	€
	H3000 straight 2P design white ** Straight model for two-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. In white. Pipe connection for male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80035 1	S 3266 04	1
	H3000 straight 2P design chrome** Straight model for two-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Chrome-plated. Pipe connection for male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80034 4	S 3266 01	1
	H3000 straight 1P design white*/** Straight model for one-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. In white. Pipe connection for male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80033 7	S 3166 04	1
	H3000 straight 1P design chrome** Straight model for one-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Chrome-plated. Pipe connection for male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80032 0	S 3166 01	1
	H3000 angle 2P design white*/** Angle model for two-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. In white. Pipe connection for male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80007 8	S 3266 14	1
	H3000 angle 2P design chrome** Angle model for two-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Chrome-plated. Pipe connection for male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80006 1	S 3266 11	1
	H3000 angle 1P design white*/** Angle model for one-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. In white. Pipe connection for male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80009 2	S 3166 14	1
	H3000 angle 1P design chrome** Angle model for one-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Chrome-plated. Pipe connection for male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80008 5	S 3166 11	1

* Radiator connection chrome-plated

** Matching thermostatic heads in DE LUXE design: S 9200 31 (chrome), S 9200 34 (white) - please see page 4.





DE LUXE TS-3000 connection systems for radiators

Model	EAN 90 04174	Order number	Sale Unit	€
	TS-3000 straight 2P design white*** Straight model for two-pipe systems, pipe centre spacing 50 mm, with continuously pre-settable upper thermostatic insert TS-98-V, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Thermostatic head connection - M 28 x 1.5. In white. Pipe connection with male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80037 5	S 3692 44	1
	TS-3000 straight 2P design chrome** Straight model for two-pipe systems, pipe centre spacing 50 mm, with continuously pre-settable upper thermostatic insert TS-98-V, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Thermostatic head connection - M 28 x 1.5. Chrome-plated. Pipe connection with male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80036 8	S 3692 41	1
	TS-3000 straight 1P design white** Straight model for one-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Thermostatic head connection - M 28 x 1.5. In white. Pipe connection with male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80039 9	S 3792 44	1
	TS-3000 straight 1P design chrome** Straight model for one-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Thermostatic head connection - M 28 x 1.5. Chrome-plated. Pipe connection with male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80038 2	S 3792 41	1
	TS-3000 angle 2P design white*** Angle model for two-pipe systems, pipe centre spacing 50 mm, with continuously pre-settable upper thermostatic insert TS-98-V, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Thermostatic head connection - M 28 x 1.5. In white. Pipe connection with male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80003 0	S 3691 44	1
	TS-3000 angle 2P design chrome** Angle model for two-pipe systems, pipe centre spacing 50 mm, with continuously pre-settable upper thermostatic insert TS-98-V, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Thermostatic head connection - M 28 x 1.5. Chrome-plated. Pipe connection with male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80002 3	S 3691 41	1
	TS-3000 angle 1P design white*** Angle model for one-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Thermostatic head connection - M 28 x 1.5. In white. Pipe connection with male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80005 4	S 3791 44	1
	TS-3000 angle 1P design chrome** Angle model for one-pipe systems, pipe centre spacing 50 mm, radiator connection G 1/2, valve connected via freely-rotating nut G 3/4. Thermostatic head connection - M 28 x 1.5. Chrome-plated. Pipe connection with male thread M 22 x 1.5 with cone for compression adapter connection. Compression adapters must be ordered separately.	80004 7	S 3791 41	1

* Radiator connection chrome-plated

** Matching thermostatic heads in DE LUXE design: S 9200 31 (chrome), S 9200 34 (white) - please see page 4.

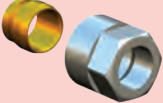

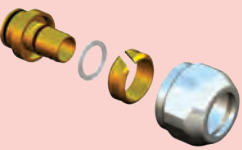
DE LUXE VUA four-port valves for thermostatic operation

Model	EAN 90 04174	Order number	Sale Unit	€
	HERZ-VUA-50 straight 2P design white *** Four-port valve as straight model for two-pipe systems, with continuously pre-settable upper thermostatic insert TS-98-V, with immersion tube L = 290 mm, Ø 11 mm, without bypass, in white, thermostatic head connection - M 28 x 1.5; pipe centre spacing - 50 mm, radiator connection G 1/2, valve connection via freely-rotating nut G 3/4, pipe connection M 22 x 1.5.	80027 6	S 7683 44	1
	HERZ-VUA-50 straight 2P design chrome** Four-port valve as straight model for two-pipe systems, with continuously pre-settable upper thermostatic insert TS-98-V, with immersion tube L = 290 mm, Ø 11 mm, without bypass, chrome-plated, thermostatic head connection - M 28 x 1.5; pipe centre spacing - 50 mm, radiator connection G 1/2, valve connection via freely-rotating nut G 3/4, pipe connection M 22 x 1.5.	80026 9	S 7683 41	1
	HERZ-VUA-50 straight 1P design white*** Four-port valve as straight model for one-pipe systems, with immersion tube L = 290 mm, Ø 11 mm, with bypass, in white, thermostatic head connection - M 28 x 1.5; pipe centre spacing - 50 mm, radiator connection G 1/2, valve connection via freely-rotating nut G 3/4, pipe connection M 22 x 1.5.	80031 3	S 7786 44	1
	HERZ-VUA-50 straight 1P design chrome** Four-port valve as straight model for one-pipe systems, with immersion tube L = 290 mm, Ø 11 mm, with bypass, chrome-plated, thermostatic head connection - M 28 x 1.5; pipe centre spacing - 50 mm, radiator connection G 1/2, valve connection via freely-rotating nut G 3/4, pipe connection M 22 x 1.5.	80030 6	S 7786 41	1
	HERZ-VUA-50 angle 2P design white*** Four-port valve as angle for two-pipe systems, with continuously pre-settable upper thermostatic insert TS-98-V, with immersion tube L = 290 mm, Ø 11 mm, without bypass, in white, thermostatic head connection - M 28 x 1.5; pipe centre spacing - 50 mm, radiator connection G 1/2, valve connection via freely-rotating nut G 3/4, pipe connection M 22 x 1.5.	80001 6	S 7684 44	1
	HERZ-VUA-50 angle 2P design chrome** Four-port valve as angle for two-pipe systems, with continuously pre-settable upper thermostatic insert TS-98-V, with immersion tube L = 290 mm, Ø 11 mm, without bypass, chrome-plated, thermostatic head connection - M 28 x 1.5; pipe centre spacing - 50 mm, radiator connection G 1/2, valve connection via freely-rotating nut G 3/4, pipe connection M 22 x 1.5.	80000 9	S 7684 41	1
	HERZ-VUA-50 angle 1P design white*** Four-port valve as angle for one-pipe systems, with immersion tube L = 290 mm, Ø 11 mm, with bypass, in white, thermostatic head connection - M 28 x 1.5; pipe centre spacing - 50 mm, radiator connection G 1/2, valve connection via freely-rotating nut G 3/4, pipe connection M 22 x 1.5.	80029 0	S 7784 44	1
	HERZ-VUA-50 angle 1P design chrome** Four-port valve as angle for one-pipe systems, with immersion tube L = 290 mm, Ø 11 mm, with bypass, chrome-plated, thermostatic head connection - M 28 x 1.5; pipe centre spacing - 50 mm, radiator connection G 1/2, valve connection via freely-rotating nut G 3/4, pipe connection M 22 x 1.5.	80028 3	S 7784 41	1




* Radiator connection chrome-plated

** Matching thermostatic heads in DE LUXE design: S 9200 31 (chrome), S 9200 34 (white) - please see page 4.

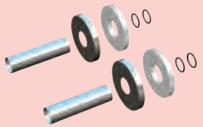
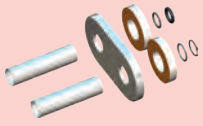

DE LUXE compression adapters

Model	Connection	EAN 90 04174	Order number	Sale Unit	€
 <p>Design compression adapter - M 22 x 1.5 - chrome for steel and copper pipes, olive with metallic seal, union nut M 22 x 1.5. Not suitable for chrome-plated metal pipes and stainless steel pipes. Nut chrome-plated. Sealed with O-ring.</p>	10	80012 2	S 6284 10	10	
	12	80013 9	S 6284 12	10	
	14	80014 6	S 6284 14	10	
	<p>Design compression adapter - M 22 x 1.5 - chrome for steel and copper pipes, olive with metallic seal, union nut M 22 x 1.5. Not suitable for chrome-plated metal pipes and stainless steel pipes. Nut chrome-plated. Metallic seal.</p>	15	80015 3	S 6284 15	10
	16	80016 0	S 6284 16	10	
 <p>Design compression adapter - M 22 x 1.5 - chrome with solid rubber seal to pipe, union nut M 22 x 1.5. Not suitable for chrome-plated metal pipes and stainless steel pipes. Nut chrome-plated.</p>	12	80010 8	S 6286 12	10	
	15	80011 5	S 6286 15	10	
 <p>Design compression adapter - M 22 x 1.5 - chrome for PE-X, PB and aluminium composite pipes union nut M 22 x 1.5. Nut chrome-plated.</p>	14 x 2	80017 7	S 6066 14	10	
	16 x 2	80018 4	S 6066 16	10	


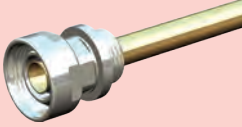

DE LUXE accessories

Model	Connection	EAN 90 04174	Order number	Sale Unit	€
	Hand wheel, design, white for HERZ thermostatic valves that are not equipped with a HERZ thermostatic head, in white.	M 28 x 1.5	80023 8	S 9102 44	1
	Hand wheel, design, chrome for HERZ thermostatic valves that are not equipped with a HERZ thermostatic head, chrome-plated.	M 28 x 1.5	80022 1	S 9102 41	1
	HERZ-T-piece design white with connection option with radiator connection freely-rotating union nut for heating cartridge operation. Heating cartridge connection 1/2 - female thread, radiator connection G 1/2. Heating cartridge diameter max. 11 mm. Note insertion depth according to radiator.	G 1/2	80167 9	S 1002 44	10
	HERZ-T-piece design chrome with connection option with radiator connection freely-rotating union nut for heating cartridge operation. Heating cartridge connection 1/2 - female thread, radiator connection G 1/2. Heating cartridge diameter max. 11 mm. Note insertion depth according to radiator.	G 1/2	80168 6	S 1002 41	10
	HERZ-integrated shutoff valve design white Left version with connection option for heating cartridge operation. Heating cartridge connection 1/2 - female thread. Heating cartridge diameter max. 11 mm. Note insertion depth according to radiator. Pipe connection M 22 x 1.5. Compression adapters must be ordered separately.	G 1/2	80063 4	S 3720 24	10
	HERZ-integrated shutoff valve design chrome Left version with connection option for heating cartridge operation. Heating cartridge connection 1/2 - female thread. Heating cartridge diameter max. 11 mm. Note insertion depth according to radiator. Pipe connection M 22 x 1.5. Compression adapters must be ordered separately.	G 1/2	80062 7	S 3720 21	10
	HERZ-integrated shutoff valve design white Right version with connection option for heating cartridge operation. Heating cartridge connection 1/2 - female thread. Heating cartridge diameter max. 11 mm. Note insertion depth according to radiator. Pipe connection M 22 x 1.5. Compression adapters must be ordered separately.	G 1/2	80075 7	S 3720 44	10
	HERZ-integrated shutoff valve design chrome Right version with connection option for heating cartridge operation. Heating cartridge connection 1/2 - female thread. Heating cartridge diameter max. 11 mm. Note insertion depth according to radiator. Pipe connection M 22 x 1.5. Compression adapters must be ordered separately.	G 1/2	80076 4	S 3720 41	10

DE LUXE accessories







Model	Connection	EAN 90 04174	Order number	Sale Unit	€
 <p>Pipe covering set, loose, chrome Incl. double-sided adhesive tape, sleeve pipe 70 mm long, suitable for pipes with an outer diameter of 16 mm, diameter of rosette 55 mm.</p>	Ø 55	80064 1	S 6822 00	10	
 <p>Pipe covering plate, chrome Pipe centre spacing 50 mm. Incl. double-sided adhesive tape, sleeve pipe 70 mm long, suitable for pipes with an outside diameter of 16 mm, diameter of rosette 55 mm. Dimensions of double rosette 105 x 8 mm.</p>	L x H: 105 x 8 mm	80065 8	S 6822 01	10	
 <p>Adapter - M 22 x 1.5 - Rp 1/2 - design chrome for threaded steel pipes.</p>	M 22 x 1.5 - Rp 1/2	80066 5	S 6220 22	10	

DE LUXE spare parts









 <p>Radiator connection design chrome with freely-rotating nut, both sides sealed with O-ring.</p>	G 1/2 - G 3/4	80025 2	S 6252 11	10	
 <p>Radiator connection with immersion tube design chrome both sides sealed with O-ring, immersion pipe length L = 290 mm.</p>	G 1/2 - G 3/4	80024 5	S 6226 51	10	
 <p>Control and isolating upper part Suitable as replacement part for DE LUXE-3000, DE LUXE-3000-TS and DE LUXE-RL.</p>	M 20 x 1.5	80019 1	S 6301 01	1	






Design thermostatic heads with threaded connection M 28 x 1.5 suitable for HERZ thermostatic valves

Model		EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ design thermostatic head with liquid sensor (hydrosensor), set point range 0–30°C, with setting “0”, frost protection adjustable at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately). Design development in cooperation with “Porsche Design GmbH”, Zell am See.</p>	 	90000 6	1 9230 06	20	
 <p>HERZ design thermostatic head with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately). Design development in cooperation with “Porsche Design GmbH”, Zell am See.</p>	 	90030 3	1 9260 06	20	




Thermostatic heads with threaded connection M 28 x 1.5 suitable for HERZ thermostatic valves

 <p>HERZ thermostatic head with liquid sensor (hydrosensor), set point range 0–28°C, mechanical shutoff (“0 setting”), frost protection adjustable at approx. 6°C. limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately).</p>	 	70120 7	1 7230 06	20	
 <p>HERZ thermostatic head with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately).</p>	 	70140 5	1 7260 06	20	
 <p>HERZ thermostatic head for elevated flow rates in proportional range set point range 8–25°C, automatic frost protection at approx. 8°C. limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately).</p>		91840 7	1 7262 00	1	
 <p>HERZ thermostatic head white with liquid sensor (hydrosensor), set point range 6–28°C, mechanical shutoff (“0 setting”), frost protection adjustable at approx. 6°C. limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately).</p>		70150 4	1 7260 65	20	


Thermostatic heads in robust design "HERZCULES" with threaded connection M 28 x 1.5 suitable for HERZ thermostatic valves

Model		EAN 90 04174	Order number	Sale Unit	€
	<p>"HERZCULES", HERZ thermostatic head, robust design to prevent vandalism, theft and unauthorised operation. With liquid sensor (hydrosensor), set point range 8–26°C, with automatic frost protection. Mounting and removal only possible with tightening tool 1 9554 01 and Allen key 1 6616 00 (both must be ordered separately). Setting of the set point with unlocking tool 1 9554 00 (enclosed), set point adjustment is locked. Setting indicator remains concealed in locked position.</p>	90560 5	1 9860 10	20	
	<p>"HERZCULES", HERZ thermostatic head, robust design to prevent vandalism, theft and unauthorised operation, with adjustable temperature reduction. The maximum temperature value set with the locked set point setting can be reduced externally by 10 K by means of a coin slot operation without changing the locked base setting. Other version as 1 9860 10.</p>	91050 0	1 9861 10	20	
	<p>"HERZCULES", HERZ thermostatic head, robust design to prevent vandalism, theft and unauthorised operation, with adjustable temperature reduction. The maximum temperature value set with the locked set point setting can be reduced externally by 4 K without changing the locked base setting. Other version as 1 9860 10.</p>	91260 3	1 9861 40	20	

Design thermostatic heads MINI with threaded connection M 28 x 1.5 suitable for HERZ thermostatic valves


	<p>HERZ design thermostatic head MINI with liquid sensor (hydrosensor), set point range 0–30°C, with setting "0", frost protection adjustable at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately). Dimensions: Length 75 mm, hand wheel diameter 45 mm.</p>	90520 9	1 9200 30	20	
	<p>HERZ design thermostatic head MINI with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately). Dimensions: Length 75 mm, hand wheel diameter 45 mm.</p>	90530 8	1 9200 60	20	
	<p>HERZ design thermostatic head MINI GS with liquid sensor (hydrosensor), set point range 0–30°C, with setting "0", frost protection adjustable at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately).</p>	91700 4	1 9200 03	20	
	<p>HERZ design thermostatic head MINI GS with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Restriction and blocking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately).</p>	91690 8	1 9200 06	20	
	<p>HERZ design thermostatic head MINI, "Turbo" with liquid sensor (hydrosensor), set point range 0–30°C, with setting "0", frost protection adjustable at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately).</p>	91740 0	1 9200 13	20	
	<p>HERZ design thermostatic head MINI, "Turbo" with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Restriction and blocking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately).</p>	91730 1	1 9200 16	20	

Design hand wheel M 28 x 1.5

Model	EAN	Order number	Sale Unit	€
 <p>HERZ design hand wheel for HERZ thermostatic valves that are not equipped with a HERZ thermostatic head.</p>	90 04174			
	90090 7	1 9102 80	20	


Thermostat with remote adjustment and threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves

	<p>HERZ thermostat with remote adjustment, suitable for mounting in flush boxes, for HERZ thermostatic valves, thermostat with liquid sensor (hydrosensor), capillary tube and valve attachment, set point range 6–28°C, limitation and locking of the set point range not possible, frost protection at approx. 6°C. Capillary tube length 2000 mm.</p>	91400 3	1 9352 00	5	
	Capillary tube length 5000 mm.	91410 2	1 9355 00	5	
	Capillary tube length 8000 mm.	91420 1	1 9358 00	5	

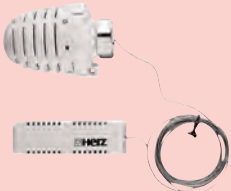
Design thermostats with remote adjustment with threaded connection M 28 x 1.5

suitable for HERZ thermostatic valves

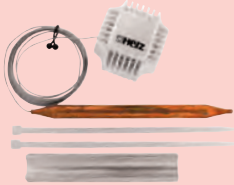


	<p>HERZ design thermostat with remote adjustment Thermostat with liquid sensor (hydrosensor), capillary tube and valve attachment. Set point range 6–28°C, frost protection adjustable at approx. 6°C. Restriction and blocking of the set point range possible. Capillary tube length 2000 mm.</p>	90130 0	1 9330 05	5	
	Capillary tube length 5000 mm.	90320 5	1 9330 10	5	
	Capillary tube length 8000 mm.	90330 4	1 9330 18	1	
	Capillary tube length 10000 mm.	91030 4	1 9330 20	5	

Design thermostats with remote sensor, threaded connection M 28 x 1.5



suitable for HERZ thermostatic valves

	<p>HERZ design thermostat with remote sensor Thermostat with liquid sensor (hydrosensor), capillary tube and remote sensor. Set point range 0–30°C, with setting “0”, frost protection adjustable at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately). Capillary tube length 2000 mm.</p>	90120 1	1 9430 08	10	
	Capillary tube length 8000 mm.	90600 8	1 9430 18	1	
	<p>HERZ design thermostat with remote sensor Thermostat with liquid sensor (hydrosensor), capillary tube and remote sensor. Set point range 6–28°C, automatic frost protection at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately). Capillary tube length 2000 mm.</p>	90140 9	1 9460 06	10	
Capillary tube length 8000 mm.	90690 9	1 9460 18	1		




Thermostats with contact sensor and threaded connection M 28 x 1.5 suitable for HERZ thermostatic valves

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ thermostat with contact sensor for floor heating Thermostatic head with liquid sensor (hydrosensor), capillary tube, pipe contact sensor and fastening material for the pipeline. Set point range 20–50°C, capillary tube length 2000 mm.</p>	72390 2	1 7420 06	10	
 <p>HERZ thermostat with contact sensor For boiler supply temperature regulation Thermostatic head with liquid sensor (hydrosensor), capillary tube, pipe contact sensor and fastening material for the pipeline. Set point range 40–70°C, capillary tube length 2000 mm.</p>	70210 5	1 7421 00	10	
 <p>HERZ thermostatic head with contact or immersion sensor Temperature range 50°C to 55°C, threaded connection M 28 x 1.5, HERZ closing dimension and 4 mm stroke, liquid sensor and capillary tube 2000 mm. Suitable for installation on regulating valves 4006, 7217-V and 7217-GV.</p>	66670 4	1 9421 36	10	


Design thermostatic heads "H" with threaded connection M 30 x 1.5

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ design thermostatic head "H" with liquid sensor (hydrosensor), set point range 0–30°C, with setting "0", frost protection adjustable at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately). Design development in cooperation with "Porsche Design GmbH", Zell am See.</p>	90040 2	1 9230 98	20	
 <p>HERZ design thermostatic head "H" with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately). Design development in cooperation with "Porsche Design GmbH", Zell am See.</p>	90060 0	1 9260 98	20	







Thermostatic heads "H" in robust design "HERZCULES" with threaded connection M 30 x 1.5

 <p>"HERZCULES", HERZ thermostatic head "H" robust design to prevent vandalism, theft and unauthorised operation. With liquid sensor (hydrosensor), set point range 8–26°C, with automatic frost protection. Mounting and removal only possible with tightening tool 1 9554 01 and Allen key 1 6616 00. Setting of the set point with unlocking tool 1 9554 00 (enclosed), set point setting locked. Setting indicator remains concealed in locked position.</p>	90730 2	1 9860 98	20	
 <p>"HERZCULES", HERZ thermostatic head "H" robust design to prevent vandalism, theft and unauthorised operation, with adjustable temperature reduction. The maximum temperature value set with the locked set point setting can be lowered externally by 10 K without changing the locked base setting. Other version as 1 9860 98.</p>	91060 9	1 9861 98	20	
 <p>"HERZCULES", HERZ thermostatic head "H" robust design to prevent vandalism, theft and unauthorised operation, with adjustable temperature reduction. The maximum temperature value set with the locked set point setting can be reduced externally by 4 K without changing the locked base setting. Other version as 1 9860 98.</p>	91270 2	1 9861 48	20	


Thermostatic head "H" with threaded connection M 30 x 1.5

 <p>HERZ thermostatic head "H" with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately).</p>	71680 5	1 7260 98	20	
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Design thermostatic heads MINI "H" with threaded connection M 30 x 1.5

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ design thermostatic head MINI "H" with liquid sensor (hydrosensor), set point range 0–30°C, with setting "0", frost protection adjustable at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately). Dimensions: Length 78 mm, hand wheel diameter 45 mm.</p>	90540 7	1 9200 38	20	
 <p>HERZ design thermostatic head MINI "H" with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately). Dimensions: Length 78 mm, hand wheel diameter 45 mm.</p>	90550 6	1 9200 68	20	
 <p>HERZ design thermostatic head MINI "H" with straight slits with liquid sensor (hydrosensor), set point range 6–30°C, with setting "0", frost protection adjustable at 6°C. Limitation and locking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately).</p>	91720 2	1 9200 83	20	
 <p>HERZ design thermostatic head MINI "H" with straight slits with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Restriction and blocking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately).</p>	91710 3	1 9200 86	20	
 <p>HERZ design thermostatic head MINI-Turbo "H" with liquid sensor (hydrosensor), set point range 6–30°C, with setting "0", frost protection adjustable at 6°C. Limitation and locking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately).</p>	91760 8	1 9200 93	20	
 <p>HERZ design thermostatic head MINI-Turbo "H" with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Restriction and blocking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately).</p>	91750 9	1 9200 96	20	


Design hand wheel "H" with threaded connection M 30 x 1.5

 <p>HERZ design hand wheel "H" for direct mounting to valve inserts with threaded connection M 30 x 1.5 not equipped with a thermostatic head.</p>	90100 3	1 9102 98	20	
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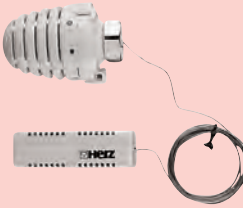
Thermostat "H" with remote adjustment with threaded connection M 30 x 1.5

Model	EAN 90 04174	Order number	Sale Unit	€	
 <p>HERZ thermostat "H" with remote adjustment suitable for mounting in flush boxes. Thermostat with liquid sensor (hydrosensor), capillary tube and valve attachment, set point range 6–28°C, limitation and locking of the set point range not possible, frost protection at approx. 6°C, capillary tube length 2000 mm.</p>	91440 9	1 9352 98	5		
	Capillary tube length 5000 mm.	91450 8	1 9355 98	5	
	Capillary tube length 8000 mm.	91460 7	1 9358 98	5	


Design thermostat "H" with remote adjustment, with threaded connection M 30 x 1.5

 <p>HERZ design thermostat with remote adjustment Thermostat with liquid sensor (hydrosensor), capillary tube and valve attachment. Set point range 6–28°C, frost protection adjustable at approx. 6°C. Limitation and locking of the set point range possible. Capillary tube length 2000 mm.</p>	91090 6	1 9330 98	10	
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Design thermostats "H" with remote adjustment or remote sensor with threaded connection M 30 x 1.5

	<p>HERZ design thermostat "H" with remote sensor Thermostat with liquid sensor (hydrosensor), capillary tube and remote sensor. Set point range 0–30°C, with setting "0", frost protection adjustable at approx. 6°C. Capillary tube length 2000 mm. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately).</p>	91010 4	1 9430 98	10	
	<p>HERZ design thermostat "H" with remote sensor Thermostat with liquid sensor (hydrosensor), capillary tube and remote sensor. Set point range 6–28°C, automatic frost protection at approx. 6°C. Capillary tube length 2000 mm. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately).</p>	91010 3	1 9460 98	10	


Design thermostat "H" with contact sensor, with threaded connection M 30 x 1.5

	<p>HERZ thermostat with contact sensor Thermostat with liquid sensor (hydrosensor), capillary tube, set point range 40–70°C, incl. 2x limiting pins. Capillary tube length: approx. 500 mm.</p>	91910 7	1 9421 98	20	
	<p>HERZ thermostat with contact sensor Thermostat with liquid sensor (hydrosensor), capillary tube, set point range 20–50°C. Capillary tube length: approx. 2000 mm.</p>	92280 0	1 9420 88	10	


Design thermostatic heads "D" with clamps or snap fastener

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ design thermostatic head "D" with liquid sensor (hydrosensor), set point range 0–30°C, with setting "0", frost protection adjustable at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately). Design development in cooperation with "Porsche Design GmbH", Zell am See.</p>	90050 1	1 9230 99	20	
	90070 9	1 9260 99	20	
 <p>HERZ thermostatic head "D" with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Limitation and locking of the set point range possible.</p>	71690 4	1 7260 99	20	


Thermostatic head "D" M 30 x 1.5

 <p>HERZ thermostatic head "D" M 30 x 1.5 with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately).</p>	90260 4	1 9260 89	20	
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Thermostatic head Mini "D" with clamps or snap fastener

 <p>HERZ design thermostatic head MINI "D", with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Dimensions: Length 88 mm, hand wheel diameter 45 mm. Only suitable in combination with integrated radiator valve (e.g. Vogel & Noot).</p>	02666 9	1 9200 99	20	
	91606 9	1 9200 09	20	


Thermostats “D” with remote adjustment with clamps or snap fastener

Model	EAN 90 04174	Order number	Sale Unit	€	
 <p>HERZ thermostat “D” with remote adjustment suitable for mounting in flush boxes. Thermostat with liquid sensor (hydrosensor), capillary tube and valve attachment, set point range 6–28°C, limitation and locking of the set point range not possible, capillary tube length 2000 mm.</p>	91480 5	1 9352 99	5		
	Capillary tube length 5000 mm.	91490 4	1 9355 99	5	
	Capillary tube length 8000 mm.	91500 0	1 9358 99	5	


Design thermostat “D” with remote adjustment, with clamps or snap fastener

 <p>HERZ design thermostat “D” with remote adjustment Thermostat with liquid sensor (hydrosensor), capillary tube and valve attachment. Set point range 6–28°C, frost protection at approx. 6°C. Limitation and locking of the set point range possible. Capillary tube length 2000 mm.</p>	91790 5	1 9330 99	5	
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Design hand wheel “D” with clamps or snap fastener

 <p>HERZ design hand wheel “D” for direct mounting to Danfoss valve inserts with clamps or snap fastener that are not equipped with a thermostatic head.</p>	90110 2	1 9102 99	20	
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Thermostatic heads in special designs with threaded connection M 28 x 1.5 suitable for HERZ thermostatic valves

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ thermostatic head for applications with elevated heat demand set point range 11–35°C, automatic frost protection at approx. 6°C.</p>		72460 2	1 7260 35	20	


Thermostatic head for HERZ thermostatic valves year of manufacture from 1973 to 1977

 <p>HERZ thermostatic head with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately), suitable for HERZ thermostatic valves manufactured from 1973 to 1977.</p>		72700 9	1 7235 01	20	
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Special thermostatic heads Design thermostatic heads for Vaillant valves

 <p>HERZ design thermostatic head for Vaillant thermostatic valves with liquid sensor (hydrosensor), set point range 6–28°C, automatic frost protection at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 00 possible (must be ordered separately). Connection diameter 31 mm.</p>		90720 3	1 9260 11	6	
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Design thermostatic head for “MMA” valves

 <p>HERZ design thermostatic head valves with liquid sensor (hydrosensor), set point range 6–30 °C, frost protection adjustable at approx. 6°C. Limitation and locking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately). As of year of manufacture 1988, connection diameter M 28 x 1.5 mm.</p>		91890 2	1 9200 69	20	
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Thermostatic head for Armal thermostatic valves

 <p>HERZ design thermostatic head MINI for “Armal” valves with liquid sensor (hydrosensor), set point range 0–30°C, frost protection adjustable at approx. 6°C, M 24 x 1.5. Limitation and locking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately), Prior to year of manufacture 1999.</p>		92230 5	1 9200 24	20	
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Design hand wheel

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ metal isolating cap Brass isolating cap for HERZ thermostatic valves. Brass version.</p>		84660 1	1 6329 30	20	
	As above, but nickel-plated.	84661 8	1 6329 31	20	
 <p>Manual hand wheel for regulating the water quantity.</p>		72070 3	1 7740 63	1	

Insertion pocket






 <p>Brass insertion pocket for 7420/7421, 9421, etc. with screw-in thread 1/2.</p>		66240 9	1 6313 01	20	
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Thermostat adapter for installing HERZ thermostatic heads with threaded connection M 28 x 1.5*

	<p>Thermostat adapter ring for T&A thermostatic valves Threaded connection M 28 x 1.5.</p>		66400 7	1 6350 03	1	
	<p>Thermostat adapter ring "H" Threaded connection M 30 x 1.5.</p>		62810 8	1 6357 11	1	
	<p>Thermostat adapter ring for Watts, Cazzaniga Threaded connection M 30 x 1.5.</p>		61771 3	1 6357 12	1	
	<p>Thermostat adapter ring "D" for integrated radiator valves with Danfoss thermostatic inserts.</p>	M 20 x 1	61180 3	1 6362 01	1	
	<p>Thermostat adapter ring "D" for integrated radiator valves with Danfoss thermostatic inserts.</p>	M 23.5 x 1.5	63330 0	1 6362 11	1	
	<p>Thermostat adapter ring "D" "HERZCULES" and "ETK/ETKF+" for installing "HERZCULES" thermostatic heads on Danfoss valves and for installing HERZ ETK / ETKF+ on Danfoss valves and thermostatic inserts.</p>	Ø 23	65160 1	1 6362 00	1	
	<p>Thermostat adapter ring "D" "HERZCULES" for installing "HERZCULES" thermostatic heads on integrated radiator valves with Danfoss thermostatic inserts.</p>	M 20 x 1	64280 7	1 6362 20	1	
	<p>Thermostat adapter ring "D" "HERZCULES" for installing "HERZCULES" thermostatic heads on integrated radiator valves with Danfoss thermostatic inserts.</p>	M 23.5 x 1.5	64290 6	1 6362 23	1	
 <p>Thermostat adapter for Caleffi for installing HERZ thermostatic heads with threaded connection M 30 x 1.5.</p>		66410 6	1 6351 01	1		


*) Adapters cannot be used in connection with actuators.

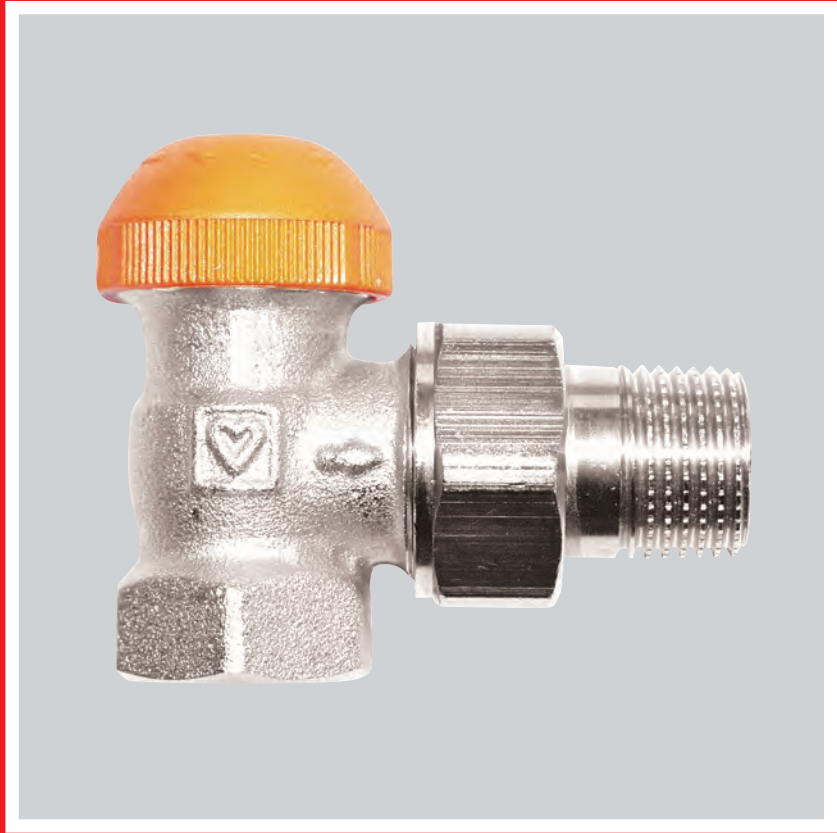
Accessories and tools for HERZ thermostatic heads

Model		EAN 90 04174	Order number	Sale Unit	€
	Theft protection Snap clips, opening with universal key 1 6640 00, for HERZ thermostatic heads series 7000 and 9000 with threaded connection M 28 x 1.5.	90020 4	1 9552 03	20	
	Theft protection "H" Snap clips, opening with universal key 1 6640 00, for HERZ thermostatic heads series 7000 and 9000, threaded connection M 30 x 1.5.	90080 8	1 9552 98	20	
	Theft protection for series "D" Snap clips, opening with universal key 1 6640 00, for HERZ thermostatic heads series 7000 and 9000.	90081 5	1 9552 99	20	
	Cover sleeve for fastening nut of HERZ thermostatic heads DE LUXE. Threaded connection M 28 x 1.5. Standard length l = 21.7 mm.	90230 7	1 9553 44	20	
	Cover sleeve for HERZ thermostatic head MINI. Threaded connection M 28 x 1.5. Standard length l = 17 mm.	90710 4	1 9596 44	20	
	Cover sleeve "H" Standard length l = 20 mm. Threaded connection M 30 x 1.5.	90310 6	1 9553 98	20	
	Cover sleeve "H" Long version l = 22.5 mm. Threaded connection M 30 x 1.5.	90650 3	1 9598 44	20	
	Cover sleeve "H" and HERZ thermostat - "MINI-H" Short version l = 17 mm. Threaded connection M 30 x 1.5.	90700 5	1 9597 44	20	
	Cover sleeve "D" for HERZ thermostatic heads of series "D" with clip or snap fastener. Standard length l = 27.5 mm.	90640 4	1 9599 44	20	
	Limiting pin for limitation and locking of the set point range for HERZ thermostatic heads series 7000 and 9000.	90010 5	1 9551 00	20	
	Limiting pin for HERZ thermostatic heads series MINI. Not suitable for Mini "D" 1 9200 99.	90670 1	1 9551 02	20	
	Unlocking tool "HERZCULES" for setting the set point. Enclosed with the thermostatic head ex works.	90630 5	1 9554 00	1	
	Tightening tool "HERZCULES" for installing the "HERZCULES" thermostatic head to the thermostatic valve. Must be ordered separately.	90620 6	1 9554 01	1	

Keys and tools










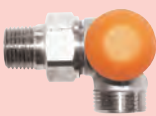
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Model	EAN 90 04174	Order number	Sale Unit	€
	2 mm Allen key for installation of "Herzcules" thermostatic heads.	61780 5	1 6616 00	1

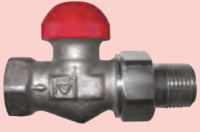

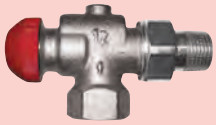
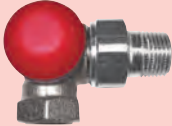








Thermostatic Valves

TS-98-V thermostatic valves with continuous pre-setting and readout


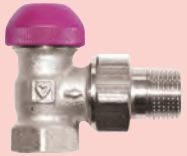
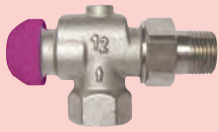
Model	kvs	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-TS-98-V thermostatic valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	1.0	3/8	72550 0	1 7623 65	20	
	1.1	1/2	72570 8	1 7623 67	20	
	1.1	3/4	74840 0	1 7623 69	20	
 <p>HERZ-TS-98-V thermostatic valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	1.2	3/8	72600 2	1 7624 65	20	
	1.2	1/2	72620 0	1 7624 67	20	
	1.3	3/4	74850 9	1 7624 69	20	
 <p>HERZ-TS-98-V thermostatic valve Reverse angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	1.2	3/8	72640 8	1 7628 65	20	
	1.2	1/2	72650 7	1 7628 67	20	
 <p>HERZ-TS-98-V thermostatic valve 3-axis valve "AB" Valve left of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	1.2	1/2	72680 4	1 7658 67	20	
 <p>HERZ-TS-98-V thermostatic valve 3-axis valve "CD" Valve right of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	1.2	1/2	72690 3	1 7659 67	20	
 <p>HERZ-TS-98-V thermostatic valve Straight model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.1	1/2	73480 9	1 7633 67	20	
 <p>HERZ-TS-98-V thermostatic valve Angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.2	1/2	73510 3	1 7638 67	20	
 <p>HERZ-TS-98-V thermostatic valve Reverse angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.2	1/2	72670 5	1 7648 67	20	
 <p>HERZ-TS-98-V thermostatic valve 3-axis valve "AB" Valve left of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.2	1/2	73970 5	1 7645 67	20	
 <p>HERZ-TS-98-V thermostatic valve 3-axis valve "CD" Valve right of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.2	1/2	73980 4	1 7646 67	20	

TS-90-V thermostatic valves with continuous, concealed pre-setting

Model	kvs	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-TS-90-V thermostatic valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	1.0	3/8	70630 1	1 7723 65	20	
	1.1	1/2	70650 9	1 7723 67	20	
	1.1	3/4	70670 7	1 7723 69	20	
 <p>HERZ-TS-90-V thermostatic valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	1.2	3/8	70750 6	1 7724 65	20	
	1.2	1/2	70770 4	1 7724 67	20	
	1.3	3/4	74830 1	1 7724 69	20	
 <p>HERZ-TS-90-V thermostatic valve Reverse angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	1.2	3/8	70870 1	1 7728 65	20	
	1.2	1/2	70880 0	1 7728 67	20	
 <p>HERZ-TS-90-V thermostatic valve 3-axis valve "AB" Valve left of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	1.2	1/2	71030 8	1 7758 67	20	
 <p>HERZ-TS-90-V thermostatic valve 3-axis valve "CD" Valve right of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	1.2	1/2	71060 5	1 7759 67	20	
 <p>HERZ-TS-90-V thermostatic valve Straight model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.1	1/2	73420 5	1 7733 67	20	
 <p>HERZ-TS-90-V thermostatic valve Angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.2	1/2	73450 2	1 7738 67	20	
 <p>HERZ-TS-90-V thermostatic valve Reverse angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.2	1/2	71510 5	1 7748 67	20	
 <p>HERZ-TS-90-V thermostatic valve 3-axis valve "AB" Valve left of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.2	1/2	73950 7	1 7745 67	20	
 <p>HERZ-TS-90-V thermostatic valve 3-axis valve "CD" Valve right of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.2	1/2	73960 6	1 7746 67	20	


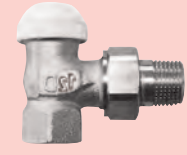




TS-99-FV-Thermostatic valves with ultra-fine 6 position pre-setting and readout

1/2

Model	kvs	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-TS-99-FV thermostatic valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	0.39	3/8	75220 9	1 7523 65	20	
	0.39	1/2	73580 6	1 7523 67	20	
 <p>HERZ-TS-99-FV thermostatic valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	0.39	3/8	75230 8	1 7524 65	20	
	0.39	1/2	73590 5	1 7524 67	20	
 <p>HERZ-TS-99-FV thermostatic valve Reverse angle model, dimension 1/2 Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	0.39	3/8	73230 0	1 7528 65	20	
	0.39	1/2	74920 9	1 7528 67	20	


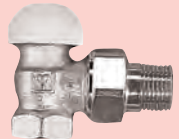




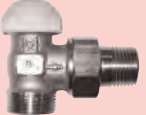



TS-90-KV thermostatic valves with fixed kv values for district heating systems*

1/2

Model	Indicator	kv m ³ /h	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-TS-90-KV thermostatic valve Straight model, dimension 1/2 Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	blue	0.06	1/2	70330 0	1 7713 69	20	
	green	0.12	1/2	70340 9	1 7713 79	20	
	yellow	0.25	1/2	70350 8	1 7713 89	20	
	white	0.5	1/2	70360 7	1 7713 99	20	
 <p>HERZ-TS-90-KV thermostatic valve Angle model, dimension 1/2 Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	blue	0.06	1/2	70380 5	1 7714 69	20	
	green	0.12	1/2	70390 4	1 7714 79	20	
	yellow	0.25	1/2	70400 0	1 7714 89	20	
	white	0.5	1/2	70410 9	1 7714 99	20	
 <p>HERZ-TS-90-KV thermostatic valve Straight model with elbow, dimension 1/2 Radiator connection with 90° elbow with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	blue	0.06	1/2	70430 7	1 7715 69	20	
	green	0.12	1/2	70440 6	1 7715 79	20	
	yellow	0.25	1/2	70450 5	1 7715 89	20	
	white	0.5	1/2	70470 3	1 7715 99	20	
 <p>HERZ-TS-90-KV thermostatic valve Reverse angle model, dimension 1/2 Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	blue	0.06	1/2	70590 8	1 7718 69	20	
	green	0.12	1/2	70600 4	1 7718 79	20	
	yellow	0.25	1/2	70610 3	1 7718 89	20	
	white	0.5	1/2	70620 2	1 7718 99	20	
 <p>HERZ-TS-90-KV thermostatic valve 3-axis valve "AB", dimension 1/2 Valve left of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	blue	0.06	1/2	70490 1	1 7716 69	20	
	green	0.12	1/2	70500 7	1 7716 79	20	
	yellow	0.25	1/2	70510 6	1 7716 89	20	
	white	0.5	1/2	70520 5	1 7716 99	20	
 <p>HERZ-TS-90-KV thermostatic valve 3-axis valve "CD", dimension 1/2 Valve right of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	blue	0.06	1/2	70540 3	1 7717 69	20	
	green	0.12	1/2	70550 2	1 7717 79	20	
	yellow	0.25	1/2	70560 1	1 7717 89	20	
	white	0.5	1/2	70570 0	1 7717 99	20	

*) Other dimensions on request.

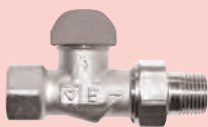
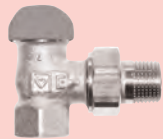



TS-90 thermostatic valves

Model	kvs	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-TS-90 thermostatic valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	0.85	3/8	70690 5	1 7723 90	20	
	1.1	1/2	70700 1	1 7723 91	20	
	1.9	3/4	70710 0	1 7723 92	20	
	4.20	1	71490 0	1 7723 93	10	
 <p>HERZ-TS-90 thermostatic valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	0.85	3/8	70790 2	1 7724 90	20	
	1.1	1/2	70800 8	1 7724 91	20	
	1.9	3/4	70810 7	1 7724 92	20	
	4.20	1	71500 6	1 7724 93	10	
 <p>HERZ-TS-90 thermostatic valve Reverse angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	0.85	3/8	70890 9	1 7728 90	20	
	1.1	1/2	70900 5	1 7728 91	20	
	1.9	3/4	72110 6	1 7728 97	20	
 <p>HERZ-TS-90 thermostatic valve 3-axis valve "AB" Valve left of radiator. Radiator connection with cone. Universal model 1/2 with special socket for threaded pipe and compression adapter connection.</p>	0.85	3/8	75410 4	1 7758 90	20	
	1.1	1/2	71040 7	1 7758 91	20	
 <p>HERZ-TS-90 thermostatic valve 3-axis valve "CD" Valve right of radiator. Radiator connection with cone. Universal model 1/2 with special socket for threaded pipe and compression adapter connection.</p>	0.85	3/8	75460 9	1 7759 90	20	
	1.1	1/2	71070 4	1 7759 91	20	
 <p>HERZ-TS-90 thermostatic valve Straight model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.1	1/2	73290 4	1 7733 81	20	
 <p>HERZ-TS-90 thermostatic valve Angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.1	1/2	73110 5	1 7724 37	20	
 <p>HERZ-TS-90 thermostatic valve Reverse angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.1	1/2	71520 4	1 7748 91	20	
 <p>HERZ-TS-90 thermostatic valve 3-axis valve "AB" Valve left of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.1	1/2	71000 1	1 7745 91	20	
 <p>HERZ-TS-90 thermostatic valve 3-axis valve "CD" Valve right of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1.1	1/2	71010 0	1 7746 91	20	

Dimensions

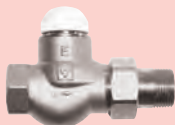
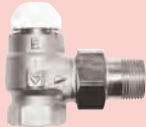
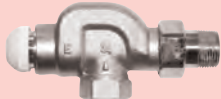

The thermostatic valve bodies of HERZ-TS and the radiator control valves HERZ-DR-T and HERZ-GP-T from years 1978 to 1990/1991 (nickel-plated body and grey hand wheels) have identical installation dimensions to the currently manufactured and equivalent models (nickel-plated body, white hand wheels or screw caps) and can be easily replaced, if necessary.

TS-90-E thermostatic valves with reduced resistance for one-pipe systems

Model	kvs	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-TS-90-E thermostatic valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	1.0	3/8	76700 5	1 7723 00	20	
	2.0	1/2	72000 0	1 7723 01	20	
 <p>HERZ-TS-90-E thermostatic valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	1.0	3/8	76710 4	1 7724 00	20	
	2.3	1/2	72080 2	1 7724 01	20	
 <p>HERZ-TS-90-E thermostatic valve Reverse angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	1.0	3/8	76720 3	1 7728 00	20	
	2.0	1/2	72020 8	1 7728 01	20	
 <p>HERZ-TS-90-E thermostatic valve 3-axis valve "AB" Valve left of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	2.0	1/2	72420 6	1 7758 01	20	
 <p>HERZ-TS-90-E thermostatic valve 3-axis valve "CD" Valve right of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	2.0	1/2	72430 5	1 7759 01	20	


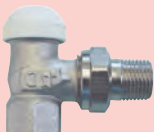
Return valves for one-pipe system, see GP or DR-T-90.

TS-E thermostatic valves with maximum flow rate for one-pipe and gravity systems



 <p>HERZ-TS-E thermostatic valve Straight model Standard model with threaded socket, radiator connection with cone.</p>	5.1	1/2	72010 9	1 7723 11	1	
	5.1	3/4	71980 6	1 7723 02	1	
	5.1	1	71950 9	1 7723 03	1	
 <p>HERZ-TS-E thermostatic valve Angle model Standard model with threaded socket, radiator connection with cone.</p>	5.1	1/2	73380 2	1 7724 11	1	
	5.1	3/4	72090 1	1 7724 02	1	
	5.1	1	71960 8	1 7724 03	1	
 <p>HERZ-TS-E thermostatic valve Reverse angle model Standard model with threaded socket, radiator connection with cone.</p>	5.1	1/2	72030 7	1 7728 11	1	
	5.1	3/4	72040 6	1 7728 02	1	
	5.1	1	72100 7	1 7728 03	1	
 <p>HERZ-TS-E thermostatic valve Reverse angle model, with air vent Standard model with threaded socket, radiator connection with cone.</p>	5.1	1/2	74300 9	1 7728 21	1	

HERZ-RL-1-E return valves with maximum flow rate for one-pipe systems, see page 50.


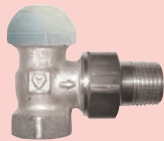





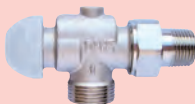


TS-90 thermostatic valves with dimensions according to DIN series "D"

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 HERZ-TS-90 thermostatic valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	3/8	70720 9	1 7723 95	20	
	1/2	70730 8	1 7723 96	20	
	3/4	70740 7	1 7723 97	20	
 HERZ-TS-90 thermostatic valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	3/8	70820 6	1 7724 95	20	
	1/2	70830 5	1 7724 96	20	
	3/4	70840 4	1 7724 97	20	








TS-98-V thermostatic valves with continuous pre-setting and readout with dimensions according to DIN series "D"

 HERZ-TS-98-V thermostatic valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	3/8	72560 9	1 7623 66	20	
	1/2	72580 7	1 7623 68	20	
 HERZ-TS-98-V thermostatic valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.	3/8	72610 1	1 7624 66	20	
	1/2	72630 9	1 7624 68	20	



TS-98-VH thermostatic valves M 30 x 1.5 with continuous pre-setting and readout

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-TS-98-VH thermostatic valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	76920 7	1 7623 20	20	
	1/2	76930 6	1 7623 21	20	
	3/4	76940 5	1 7623 22	20	
 <p>HERZ-TS-98-VH thermostatic valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	76950 4	1 7624 20	20	
	1/2	76960 3	1 7624 21	20	
	3/4	76970 2	1 7624 22	20	
 <p>HERZ-TS-98-VH thermostatic valve Reverse angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	1/2	75550 7	1 7628 26	20	
 <p>HERZ-TS-98-VH thermostatic valve 3-axis valve "AB" Valve left of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	1/2	75600 9	1 7658 26	20	
 <p>HERZ-TS-98-VH thermostatic valve 3-axis valve "CD" Valve right of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	1/2	75610 8	1 7659 26	20	
 <p>HERZ-TS-98-VH thermostatic valve Straight model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	72651 4	1 7633 26	20	
 <p>HERZ-TS-98-VH thermostatic valve Angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	75560 6	1 7634 26	20	
 <p>HERZ-TS-98-VH thermostatic valve Reverse angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	75570 5	1 7638 26	20	
 <p>HERZ-TS-98-VH thermostatic valve 3-axis valve "AB" Valve left of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	75580 4	1 7645 26	20	
 <p>HERZ-TS-98-VH thermostatic valve 3-axis valve "CD" Valve right of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	75590 3	1 7646 26	20	





TS-90-H thermostatic valves M 30 x 1.5

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-TS-90 H thermostatic valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. DIN dimensions.</p>	1/2	74510 2	1 7723 26	20	
 <p>HERZ-TS-90 H thermostatic valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. DIN dimensions.</p>	1/2	74520 1	1 7724 26	20	
 <p>HERZ-TS-90 H thermostatic valve Reverse angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	1/2	74530 0	1 7728 26	20	
 <p>HERZ-TS-90 H thermostatic valve 3-axis valve "AB" Valve left of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	1/2	74590 0	1 7758 26	20	
 <p>HERZ-TS-90 H thermostatic valve 3-axis valve "CD" Valve right of radiator. Radiator connection with cone. Universal model with special socket for threaded pipe and compression adapter connection.</p>	1/2	74600 0	1 7759 26	20	
 <p>HERZ-TS-90 H thermostatic valve Straight model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	74540 9	1 7733 26	20	
 <p>HERZ-TS-90 H thermostatic valve Angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	74550 8	1 7734 26	20	
 <p>HERZ-TS-90 H thermostatic valve Reverse angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	74570 6	1 7738 26	20	
 <p>HERZ-TS-90 H thermostatic valve 3-axis valve "AB" Valve left of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	74570 6	1 7745 26	20	
 <p>HERZ-TS-90 H thermostatic valve 3-axis valve "CD" Valve right of radiator, radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	74580 5	1 7746 26	20	

TS-98-VH thermostatic valves M 30 x 1.5 with continuous pre-setting and readout with dimensions according to DIN series "D"





Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-TS-98-VH thermostatic valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	77130 9	1 7623 25	20	
	1/2	75530 9	1 7623 26	20	
	3/4	76980 1	1 7623 27	20	
 <p>HERZ-TS-98-VH thermostatic valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	77140 8	1 7624 25	20	
	1/2	75540 8	1 7624 26	20	
	3/4	76990 0	1 7624 27	20	

Return temperature limiter


Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ return temperature limiter Control of the return temperature between 25–60°C, Limitation and locking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately). Can be combined with all HERZ valves that are intended for thermostatic operation.</p>	M 28 x 1.5	91520 8	1 9201 00	10	
 <p>HERZ return temperature limiter DE LUXE, chrome Control of the return temperature between 25–60°C, limitation and locking of the set point range via limiting pins 1 9551 02 possible (must be ordered separately). Can be combined with all HERZ valves that are intended for thermostatic operation.</p>	M 28 x 1.5	92100 1	1 9201 41	10	
 <p>HERZ return temperature limiter Straight model set: 1 9201 00 Return temperature limiter MINI 1 7733 81 HERZ-TS-90 thermostatic valve in straight model Radiator connection with cone. Pipe connection Male thread G 3/4 with cone.</p>	1/2	91530 7	1 9201 23	1	
 <p>HERZ return temperature limiter Angle model set: 1 9201 00 Return temperature limiter MINI 1 7724 37 HERZ-TS-90 thermostatic valve in angle model Radiator connection with cone. Pipe connection Male thread G 3/4 with cone.</p>	1/2	91540 6	1 9201 24	1	

Compression adapters G 3/4 for copper, steel or plastic pipes must be ordered separately.


Keys and tools

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-TS-90 assembly key SW 13: For replacing the O-ring chamber HERZ-TS-90 SW 14: For replacing the O-ring chamber HERZ-TS-90-V SW 18: For replacing the HERZ-TS-90 thermostatic upper part SW 30: For the installation of HERZ thermostatic heads M 28 x 1.5.</p>		62680 7	1 6807 90	1	
 <p>Pre-setting key (blue) for HERZ-TS-90-V, models as of 1998, valves with knurled cover screw.</p>	M 28 x 1.5	63320 1	1 6809 67	1	
 <p>HERZ-TS-90-V setting key (red), version up to 1998 for valves with hexagon head O-ring screw.</p>	M 28 x 1.5	61880 2	1 6808 67	1	
 <p>Pre-setting key for HERZ-TS-98-V, TS-99-V and for HERZ-3000 bypass bodies and connection parts with integrated thermostatic valve.</p>		63410 9	1 6819 98	1	

Changefix

	<p>HERZ Changefix Tool for HERZ thermostatic inserts with threaded connection M 28 x 1.5 The thermostatic upper part can be replaced via an airlock function and the seat gasket on the spindle can also be cleaned while the system is under pressure.</p>	71260 9	1 7780 00	1	
	<p>HERZ Changefix Tool for HERZ thermostatic inserts "H" with threaded connection M 30 x 1.5 The thermostatic upper part can be replaced via an airlock function and the seat gasket on the spindle can also be cleaned while the system is under pressure.</p>	74160 9	1 7780 98	1	
	<p>Seal set Replacement seal set for HERZ Changefix.</p>	71270 8	1 7780 04	1	
	<p>Pressure measurement accessories for measuring the differential pressure or the static pressure at the connected valve via HERZ measuring computer 1 8900 and 1 8903.</p>	71280 7	1 7781 00	1	
	<p>Cleaning brush set Cleaning brush set for cleaning the valve seat in the course of replacing the upper part.</p>	73240 9	1 7781 01	1	

Spare parts for HERZ Changefix



	<p>Replacement adapter for HERZ Changefix (1 7788 00) without union nut. Matches HERZ thermostatic valves with M 28 x 1.5 thread.</p>	M 28 x 1.5	01787 2	1 7781 02	1	
	<p>Replacement adapter for HERZ Changefix "H" (1 7788 98) without union nut. Matches HERZ thermostatic valves with M 30 x 1.5 thread.</p>	M 30 x 1.5	01788 9	1 7781 08	1	

Thermostatic upper parts

Model		Dim.	EAN 90 04174	Order number	Sale Unit	€	
	Upper thermostatic insert for HERZ-TS-90, HERZ-3000 and HERZ-DR-T-90 valves (3/8-3/4) as of year of manufacture 1991, 1 6390 92 also for HERZ-VTA-40, VUA-40 one-pipe as of year of manufacture 1992. Replacement under pressure with HERZ Changefix.	3/8	61590 0	1 6390 90	1		
		1/2	61600 6	1 6390 91	1		
		3/4	61610 5	1 6390 92	1		
		1	62460 5	1 6390 93	1		
	Upper thermostatic insert for HERZ-TS-90-H upper part for 30 x 1.5. 1 6398 92 also for HERZ-VTA-50, VUA-50 one-pipe. Replacement under pressure with HERZ Changefix "H".	1/2	66620 9	1 6398 91	1		
		3/4	66622 3	1 6398 92	1		
	Upper thermostatic insert for HERZ-TS-FV ultra-fine pre-settable valve (purple cap). Replacement under pressure with HERZ Changefix.	3/8-1/2	63620 2	1 6367 99	1		
	Upper thermostatic insert with fixed kv values for HERZ-TS-90-kv Replacement under pressure with HERZ Changefix.	B blue	kv 0.06	61210 7	1 6365 69	1	
		C green	kv 0.12	61220 6	1 6365 79	1	
		D yellow	kv 0.25	61230 5	1 6365 89	1	
		E white	kv 0.5	61240 4	1 6365 99	1	
	Upper thermostatic insert with pre-setting for HERZ-TS-90-V. Replacement under pressure with HERZ Changefix.	3/8-3/4	63420 8	1 6367 97	1		
	Upper thermostatic insert with pre-setting for HERZ-TS-98-V (orange cap). VTA-40, VUA-40 two-pipe. HERZ-3000 connection parts with integrated thermostatic valve. Replacement under pressure with HERZ Changefix.	3/8-3/4	63310 2	1 6367 98	1		
	Upper thermostatic insert with pre-setting for HERZ-TS-98-VH upper part for M 30 x 1.5. 1 6398 98 also for HERZ-VTA-50, VUA-50 two-pipe. Replacement under pressure with HERZ Changefix "H".	3/8-3/4	66624 7	1 6398 98	1		
	Upper thermostatic insert for HERZ-TS-90-E, universal models. Replacement under pressure with HERZ Changefix.	3/8-1/2	61320 3	1 6379 02	1		
	Upper thermostatic insert for HERZ-TS-E, standard models and suitable for conversion of HERZ-AS 1". Replacement with HERZ Changefix <u>not</u> possible.	1/2-1	62800 9	1 6379 03	1		


The HERZ-TS-90 upper thermostatic inserts 1 6365 69-1 6365 99, 1 6367 97, 1 6367 98 and 1 6390 90-1 6390 92, are interchangeable with respect to dimension. Replacement under pressure possible with HERZ Changefix 1 7780 00.

Thermostatic upper parts

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Thermostatic upper part for HERZ thermostatic valves for years of manufacture 1978–1989 and conversion from HERZ-AS and GP-T manual regulation valves for years of manufacture 1978–1992. Replacement part for VUA, VTA for years of manufacture 1980–1992. Replacement with HERZ Changefix not possible.</p>	3/8–1/2	61290 9	1 6376 00	1	
	3/4	61300 5	1 6376 02	1	
 <p>Thermostatic upper part for HERZ-TS DIN series “D” Years of manufacture 1986–1990.</p>	3/8–1/2	61310 4	1 6379 00	1	

HERZ thermostats, actuators and HERZ-TS screw caps and hand wheels of the HERZ-TS-90 valves are compatible with the expired models and can be used for the expired as well as the current models.

Packing gland for HERZ-TS-90 thermostatic valves

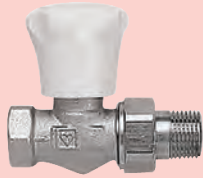
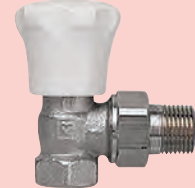


 <p>O-ring set 20x O-ring clips for HERZ-TS-90 thermostatic valves and 3- and 4-port valves.</p>		62190 1	1 6890 00	1	
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Radiator Valves and Radiator Connection Systems



DR-T-90 radiator control valves

Acurate pre-setting via secondary flow restriction cone

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-DR-T-90 radiator control valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Convertible to thermostatic operation with thermostatic head.</p>	3/8	62000 3	1 6823 90	20	
	1/2	62010 2	1 6823 91	20	
	3/4	62020 1	1 6823 92	20	
	1	91940 3	1 6823 73	1	
	1 1/4	61950 2	1 6823 74	1	
 <p>HERZ-DR-T-90 radiator control valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Convertible to thermostatic operation with thermostatic head.</p>	3/8	62100 0	1 6824 90	20	
	1/2	62110 9	1 6824 91	20	
	3/4	62120 8	1 6824 92	20	
	1	62040 9	1 6824 73	1	
	1 1/4	62050 8	1 6824 74	1	
 <p>HERZ-DR-T-90 radiator control valve Straight model Radiator connection with cone. Pipe connection male thread G 3/4 with cone. Convertible to thermostatic operation with thermostatic head.</p>	1/2	63550 2	1 6833 81	20	
 <p>HERZ-DR-T-90 radiator control valve Angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone. Convertible to thermostatic operation with thermostatic head.</p>	1/2	63560 1	1 6848 01	20	

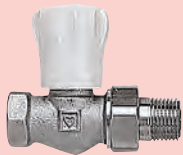



DR-T-90 radiator control valves with lockshield cap

Acurate pre-setting via secondary flow restriction cone

 <p>HERZ-DR-T-90 radiator control valve with lockshield cap, straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	61960 1	1 6823 80	20	
	1/2	61970 0	1 6823 81	20	
	3/4	61980 9	1 6823 82	20	
	Standard model with threaded socket.	1	61990 8	1 6823 86	1
 <p>HERZ-DR-T-90 radiator control valve with lockshield cap, angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	62060 7	1 6824 80	20	
	1/2	62070 6	1 6824 81	20	
	3/4	62080 5	1 6824 82	20	
	Standard model with threaded socket.	1	62090 4	1 6824 86	1

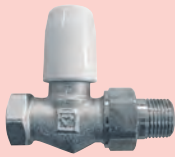

GP radiator control valves

Accurate pre-setting via stroke limitation

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-GP radiator control valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	50030 5	1 5523 20	20	
	1/2	50040 4	1 5523 21	20	
	3/4	50050 3	1 5523 22	20	
 <p>HERZ-GP radiator control valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	50120 3	1 5524 20	20	
	1/2	50130 2	1 5524 21	20	
	3/4	50140 1	1 5524 22	20	
 <p>HERZ-GP radiator control valve Straight model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	50310 8	1 5537 11	20	
 <p>HERZ-GP radiator control valve Angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	50330 6	1 5548 01	20	

GP radiator control valves with lockshield cap




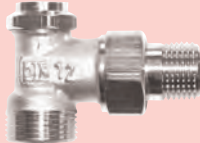
Accurate pre-setting via stroke limitation

 <p>HERZ-GP radiator control valve with lockshield cap, straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	50000 8	1 5523 10	20	
	1/2	50010 7	1 5523 11	20	
	3/4	50020 6	1 5523 12	20	
 <p>HERZ-GP radiator control valve with lockshield cap, angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	50090 9	1 5524 10	20	
	1/2	50100 5	1 5524 11	20	
	3/4	50110 4	1 5524 12	20	


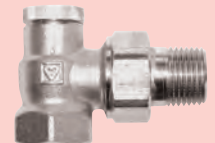

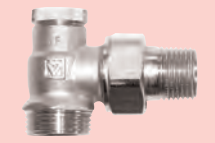
Dimensions

The thermostatic valve bodies of HERZ-TS and the radiator control valves HERZ-DR-T and HERZ-GP-T from years 1978 to 1990/1991 (nickel-plated body and grey hand wheels) have identical installation dimensions to the currently manufactured and equivalent models (nickel-plated body, white hand wheels or screw caps) and can be easily replaced, if necessary.

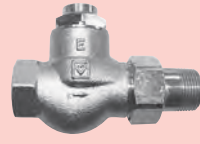
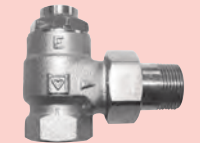
RL-5 return valves with pre-setting and draining

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-RL-5 return valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Dimensions according to DIN 3842 series 1, DARE Ms-K.</p>	3/8	30090 5	1 3923 00	20	
	1/2	30100 1	1 3923 01	20	
	3/4	30110 0	1 3923 02	20	
 <p>HERZ-RL-5 return valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection. Dimensions according to DIN 3842 series 1, EARE Ms-K.</p>	3/8	30130 8	1 3924 00	20	
	1/2	30140 7	1 3924 01	20	
	3/4	30150 6	1 3924 02	20	
 <p>HERZ-RL-5 return valve Straight model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	30330 2	1 3937 11	20	
 <p>HERZ-RL-5 return valve Angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	30190 2	1 3948 11	20	

RL-1 return valves

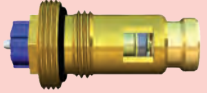
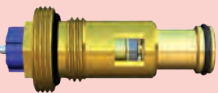

 <p>HERZ-RL-1 return valve Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	30020 2	1 3723 40	20	
	1/2	30030 1	1 3723 41	20	
	3/4	30040 0	1 3723 42	20	
 <p>HERZ-RL-1 return valve Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	30050 9	1 3724 40	20	
	1/2	30060 8	1 3724 41	20	
	3/4	30070 7	1 3724 42	20	
 <p>HERZ-RL-1 return valve Straight model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	31410 0	1 3733 11	20	
 <p>HERZ-RL-1 return valve Angle model Radiator connection with cone. Pipe connection male thread G 3/4 with cone.</p>	1/2	31420 9	1 3748 01	20	

RL-1-E return valves with maximum flow rate for one-pipe and gravity systems

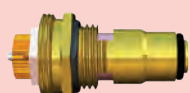
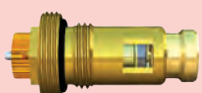


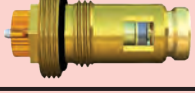

 <p>HERZ-RL-1-E return valve Straight model Radiator connection with cone. Standard models with threaded socket.</p>	1/2	31430 8	1 3723 01	20	
	3/4	31440 7	1 3723 02	20	
	1	31400 1	1 3723 03	10	
 <p>HERZ-RL-1-E return valve Angle model Radiator connection with cone. Standard models with threaded socket.</p>	1/2	31450 6	1 3724 01	20	
	3/4	31460 5	1 3724 02	20	
	1	31390 5	1 3724 03	10	

Installation dimensions deviating from HERZ-TS-90 valves of the same dimension.

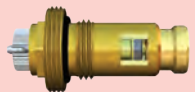
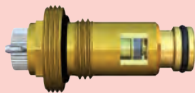
Thermostatic inserts* WE

Model	Indicator	kv - m ³ /h	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ thermostatic inserts for integrated radiator valves with a fixed kv value, Manufacturer Stelrad & Korado.</p>	blue	0.06	1/2	32910 4	1 3192 82	20	
	green	0.12	1/2	32920 3	1 3192 83	20	
	yellow	0.25	1/2	32930 2	1 3192 84	20	
	white	0.50	1/2	32940 1	1 3192 85	20	
 <p>HERZ thermostatic insert for integrated radiator valves Manufacturer Vogel & Noot.</p>	blue	0.06	1/2	32870 1	1 3093 69	20	
	green	0.12	1/2	32880 0	1 3093 79	20	
	yellow	0.25	1/2	32890 9	1 3093 89	20	
	white	0.50	1/2	32900 5	1 3093 99	20	
 <p>HERZ thermostatic insert with fixed kv value Manufacturer Kermi.</p>	blue	0.06	1/2	02783 3	1 3197 69	20	
	green	0.12	1/2	02785 7	1 3197 79	20	
	yellow	0.25	1/2	02787 1	1 3197 89	20	
	white	0.50	1/2	02789 5	1 3197 99	20	

Thermostatic inserts M 28 x 1.5



Model	kvs	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ thermostatic insert TS-98-V for integrated radiator valves (Dia Norm, Radson, Superia, Veba), with pre-setting and readout.</p>	0.91	1/2	33050 6	1 3091 98	20	
 <p>HERZ thermostatic insert TS-98-V for integrated radiator valves (Henrad, Korado, Stelrad), with pre-setting and readout.</p>	1.51	1/2	33060 5	1 3192 65	20	
 <p>HERZ thermostatic insert TS-98-V for integrated radiator valves (Vogel&Noot), with pre-setting and readout.</p>	1.51	1/2	32370 6	1 3192 63	20	
 <p>HERZ thermostatic insert TS-98-V for integrated radiator valves (ThermoTeknik, Acova, Brugman), with pre-setting and readout.</p>	1.51	1/2	32960 9	1 3192 68	20	
 <p>HERZ thermostatic insert TS-98-V for integrated radiator valves (Kermi), with pre-setting and readout.</p>	1.51	1/2	33070 4	1 3192 66	20	
 <p>HERZ thermostatic insert TS-98-V for integrated radiator valves (Dunaferr), with pre-setting and readout.</p>	1.51	1/2	32630 1	1 3192 64	20	

Thermostatic inserts M 30 x 1.5

 <p>HERZ thermostatic insert for integrated radiator valves (Acova), with pre-setting and readout.</p>	1.51	1/2	32970 8	1 3198 01	20	
 <p>HERZ thermostatic insert TS-98-V for integrated radiator valves (Dunaferr), with pre-setting and readout.</p>	1.51	1/2	32640 0	1 3198 02	20	


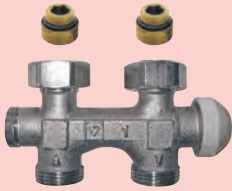


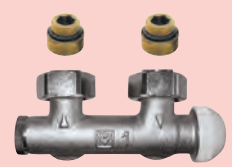

* Please note that the valve screw-in adapter has been changed a number of times for manufacturing reasons; the inserts described here are compatible with radiator models in Austria at the time of publishing. Changes are possible at any time.

Thermostatic insert replacement parts

Model	kvs	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Upper thermostatic insert TS-90-V Module panel, year of manufacture 1988 - 1994 pre-settable, for retrofitting of thermopanel integrated radiator valves.</p>	0.5	M 22 x 1.5	66390 1	1 3089 67	20	
 <p>HERZ thermostatic insert for integrated radiator valves Stelrad THERMOCARAT TCV 1989-1995. For integrated radiator valves Stelrad THERMOCARAT TCM 1994-1999.</p>	0.5	M 22 x 1.5	66420 5	1 3090 71	1	


Connection system

TS-3000 bypass body for one-pipe systems with integrated thermostatic valve


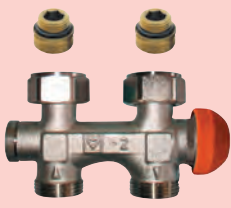


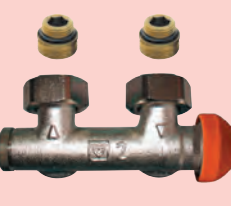
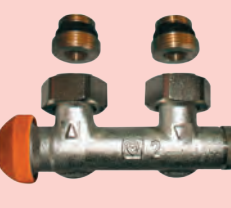
Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-3000 bypass body with integrated thermostatic valve, straight model for one-pipe operation. Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 3/4	30800 0	1 3791 92	10	
 <p>HERZ-3000 bypass body with integrated thermostatic valve, straight model for one-pipe operation. Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	30790 4	1 3792 92	10	
 <p>HERZ-3000 bypass body with integrated thermostatic valve, angle model for one-pipe operation. Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 3/4	31840 5	1 3793 92	10	
 <p>HERZ-3000 bypass body with integrated thermostatic valve, angle model for one-pipe operation as before, but upper thermostatic insert on left.</p>	G 3/4	02081 0	1 3793 82	10	
 <p>HERZ-3000 bypass body with integrated thermostatic valve, angle model for one-pipe operation. Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	31860 3	1 3794 92	10	
 <p>HERZ-3000 bypass body with integrated thermostatic valve, angle model for one-pipe operation as before, but upper thermostatic insert on left.</p>	G 1/2 x G 3/4	02083 4	1 3794 82	10	

Thermostatic head MINI DE LUXE with threaded connection M 28 x 1.5

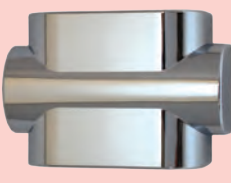
suitable for HERZ thermostatic valves

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ thermostatic head MINI DE LUXE, chrome with liquid sensor (hydrosensor), with setting "0" and with cover and locking ring. Frost protection adjustable at approx. 6°C, set point range 6–30°C.</p>	91560 4	1 9200 41	20	

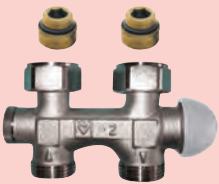
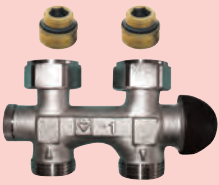
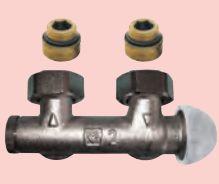
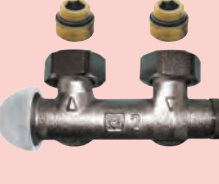
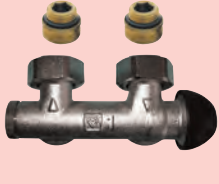

TS-3000 for two-pipe systems with integrated thermostatic valve Upper thermostatic insert with directly-pre-setting and readout

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-3000 connection part with pre-settable upper thermostatic insert, straight model for two-pipe operation. Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 3/4	32200 6	1 3691 91	10	
 <p>HERZ-3000 connection part with pre-settable upper thermostatic insert, straight model for two-pipe operation. Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	32210 5	1 3692 91	10	
 <p>HERZ-3000 connection part with pre-settable upper thermostatic insert, angle model for two-pipe operation. Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 3/4	32220 4	1 3693 91	10	
 <p>HERZ-3000 connection part with pre-settable upper thermostatic insert, angle model for two-pipe operation as before, but upper thermostatic insert on left.</p>	G 3/4	02084 1	1 3693 81	10	
 <p>HERZ-3000 connection part with pre-settable upper thermostatic insert, angle model for two-pipe operation. Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	32230 3	1 3694 91	10	
 <p>HERZ-3000 connection part with pre-settable thermostatic valve, angle model for two-pipe operation as before, but upper thermostatic insert on left.</p>	G 1/2 x G 3/4	02086 5	1 3694 81	10	


Design cover for HERZ-3000

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ design cover, colour white (RAL 9010) for HERZ-3000 bypass body and connection parts with integrated thermostatic valve; with snap mechanism.</p>	02225 8	1 0115 01	1	
Colour Traffic White (RAL 9016)	02226 5	1 0115 02	1	
Colour Chrome	02227 2	1 0115 03	1	

TS-3000 connection set with integrated thermostatic valve M 30 x 1.5

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-3000 connection part with integrated thermostatic valve, straight model for two-pipe operation, pre-settable. Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	77100 2	1 3798 91	10	
 <p>HERZ-3000 bypass body with integrated thermostatic valve, straight model for one-pipe operation. Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	77101 9	1 3798 92	10	
 <p>HERZ-3000 connection part with integrated thermostatic valve, angle model for two-pipe operation, pre-settable. Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	77102 6	1 3799 91	10	
 <p>HERZ-3000 connection part with integrated thermostatic valve, angle model for two-pipe operation, pre-settable as before, but upper thermostatic insert on left.</p>	G 1/2 x G 3/4	02317 0	1 3799 81	10	
 <p>HERZ-3000 bypass body with integrated thermostatic valve, angle model for one-pipe operation. Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	77103 3	1 3799 92	10	
 <p>HERZ-3000 connection part with integrated thermostatic valve, angle model for one-pipe operation as before, but upper thermostatic insert on left.</p>	G 1/2 x G 3/4	02318 7	1 3799 82	10	



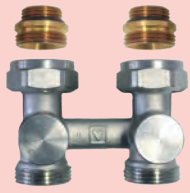
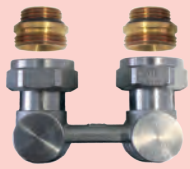
Thermostatic head MINI "H" DE LUXE with threaded connection M 30 x 1.5

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ thermostatic head MINI "H" DE LUXE, chrome with liquid sensor (hydrosensor), with setting "0" and with cover and locking ring, frost protection adjustable at approx. 6°C, set value range 0–30°C.</p>		91570 3	1 9200 48	1	

Note: Matching HERZ design cover for HERZ-3000: 1 0100 21 (please see page 54)



Connection system for integrated radiator valves 3000 connection parts for two-pipe systems G 3/4

G 3/4

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Two-pipe connection set Straight model Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 3/4	32250 1	1 3766 21	10	
 <p>Two-pipe connection set Angle model Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 3/4	32260 0	1 3766 41	10	
 <p>Two-pipe connection set Straight model Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples 1 3002 31 are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	33130 5	1 3766 22	10	
 <p>Two-pipe connection set Angle model Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples 1 3002 31 are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	33140 4	1 3766 42	10	



Connection system for integrated radiator valves 3000 connection parts for two-pipe systems with two-side draining and filling, with shutoff, radiator connection G 3/4

G 3/4

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-3000-RL4 connection part Straight model Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 3/4	32010 1	1 3466 01	10	
 <p>HERZ-3000-RL4 connection part Angle model Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 3/4	32030 9	1 3466 11	10	



With two-side draining and filling, with shutoff, radiator connection Rp 1/2

Rp 1/2

 <p>HERZ-3000-RL4 connection part Straight model Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples 1 3002 31 are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	32020 0	1 3466 02	10	
 <p>HERZ-3000-RL4 connection part Angle model Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples 1 3002 31 are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	32040 8	1 3466 12	10	



With two-sided shutoff, operation from the front, radiator connection G 3/4

G 3/4

 <p>HERZ-3000-RL1 connection part Straight model Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 3/4	31890 0	1 3766 01	10	
 <p>HERZ-3000-RL1 connection part Angle model Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 3/4	31910 5	1 3766 11	10	




With two-sided shutoff, operation from the front, radiator connection Rp 1/2

Rp 1/2

 <p>HERZ-3000-RL1 connection part Straight model Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	31900 6	1 3766 02	10	
 <p>HERZ-3000-RL1 connection part Angle model Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	31920 4	1 3766 12	10	


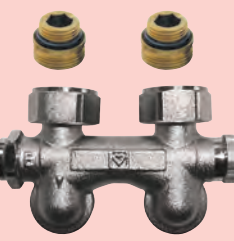

Connection system for integrated radiator valves 3000 bypass body for single- and two-pipe systems with pre-setting, shutoff, draining and filling, radiator connection G 3/4

G 3/4

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-3000 bypass body Straight model Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. With cone. Compression adapters must be ordered separately.</p>	G 3/4	32080 4	1 3066 01	1	
 <p>HERZ-3000 bypass body Angle model, drain on left Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. With cone. Compression adapters must be ordered separately.</p>	G 3/4	32100 9	1 3066 11	1	
 <p>HERZ-3000 bypass body Angle model, drain on right Pipe centre spacing 50 mm, radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. With cone. Compression adapters must be ordered separately.</p>	G 3/4	32120 7	1 3066 21	1	



With pre-setting, shutoff, draining and filling, radiator connection Rp 1/2

Rp 1/2

 <p>HERZ 3000 bypass body Straight model Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples 1 3002 31 are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	32090 3	1 3066 02	1	
 <p>HERZ-3000 bypass body Angle model, drain on left Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	32110 8	1 3066 12	1	
 <p>HERZ-3000 bypass body Angle model, drain in right Pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	32130 6	1 3066 22	1	



Connection system for integrated radiator valves 3000 bypass body for one-pipe systems Radiator connection G 3/4

G 3/4

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-3000 bypass body with fixed bypass, straight model, pipe centre spacing 50 mm, radiator connection G 3/4 with cone, freely-rotating union nut. Pipe connection with male thread, G 3/4 for compression adapter connection. Compression adapters must be ordered separately.</p>	G 3/4	32450 5	1 3166 01	1	
 <p>HERZ-3000 bypass body with fixed bypass, angle model, pipe centre spacing 50 mm, radiator connection G 3/4 with cone, freely-rotating union nut. Pipe connection with male thread G 3/4 for compression adapter connection. Compression adapters must be ordered separately.</p>	G 3/4	32470 3	1 3166 11	1	



3000 bypass body for one-pipe systems Radiator connection Rp 1/2

Rp 1/2

 <p>HERZ-3000 bypass head with fixed bypass, straight model, pipe centre spacing 50 mm, radiator connection G 1/2, freely-rotating union nut 2 connection nipples 1 3002 31 are enclosed. Pipe connection with male thread G 3/4 for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	32460 4	1 3166 02	1	
 <p>HERZ-3000 bypass body with fixed bypass, angle model, pipe centre spacing 50 mm, radiator connection G 1/2 with freely-rotating union nut; 2 connection nipples 1 3002 31 are enclosed. Pipe connection with male thread G 3/4 for compression adapter connection. Compression adapters must be ordered separately.</p>	G 1/2 x G 3/4	32480 2	1 3166 12	1	



3000 TP bypass body for radiator connection G 3/4

G 3/4

 <p>HERZ-3000 TP bypass body for one-pipe systems for renovation of existing installations of heating systems with radiators, make AGA, or thermopanel. For one-pipe heating systems for connection to typical valve-ready radiator with pipe spacing 50 mm in an existing pipe installation with pipe spacing 40 mm and reversed supply and return flow directions. With tapered sleeve.</p>	M 22 x 1.5 x G 3/4 + tapered sleeve	33090 2	1 3166 31	10	
 <p>HERZ-3000 TP bypass body for two-pipe systems for connection to typical valve-ready radiator with pipe spacing 50 mm in an existing pipe installation with pipe spacing 40 mm and reversed supply and return flow directions. With tapered sleeve.</p>	M 22 x 1.5 x G 3/4 + tapered sleeve	33110 7	1 3266 31	10	





3000 TP bypass body for radiator connection Rp 1/2

Rp 1/2

 <p>HERZ-3000 TP bypass body for one-pipe systems for renovation of existing installations of heating systems with radiators, make AGA, Stelrad, or thermopanel. For one-pipe heating systems for connection to typical valve-ready radiator with pipe spacing 50 mm in an existing pipe installation with pipe spacing 40 mm and reversed supply and return flow directions. With nipple 1/2.</p>	M 22 x 1.5 x G 3/4 + nipple	33100 8	1 3166 32	10	
 <p>HERZ-3000 TP bypass body for two-pipe systems for connection to typical valve-ready radiator with pipe spacing 50 mm in an existing pipe installation with pipe spacing 40 mm and reversed supply and return flow directions. With nipple 1/2.</p>	M 22 x 1.5 x G 3/4 + nipple	33120 6	1 3266 32	10	



Connection system for integrated radiator valves 3000 single shutoff valves with draining and filling, radiator connection G 3/4

G 3/4

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 HERZ-RL-4 single shutoff valve Straight model for two-pipe operation Radiator connection G 3/4 with cone, freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection; compression adapters must be ordered separately.	G 3/4	30270 1	1 3041 01	20	
 HERZ-RL-4 single shutoff valve Angle model for two-pipe operation other version as 1 3041 01.	G 3/4	30280 0	1 3042 01	20	
 HERZ-RL-4 single shutoff valve Straight model for two-pipe operation Radiator connection G 3/4 with cone with freely-rotating nut. Universal model with special socket Rp 1/2 for threaded pipe and compression adapter connection.	G 3/4 x Rp 1/2	30560 3	1 3061 01	20	
 HERZ-RL-4 single shutoff valve Angle model for two-pipe operation other version as 1 3061 01.	G 3/4 x Rp 1/2	30570 2	1 3062 01	20	





with draining and filling, radiator connection R 1/2

R 1/2

 HERZ-RL-4 single shutoff valve Straight model for two-pipe operation Radiator connection R 1/2 with cone, with iron pipe connection 1 6210 21, pipe connection with male thread G 3/4 with cone compression adapter connection. Compression adapters must be ordered separately.	R 1/2 x G 3/4	30310 4	1 3437 11	20	
 HERZ-RL-4 single shutoff valve Angle model for two-pipe operation other version as 1 3437 11.	R 1/2 x G 3/4	30320 3	1 3448 11	20	

3000 single shutoff valves with shutoff, radiator connection G 3/4

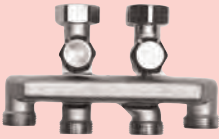
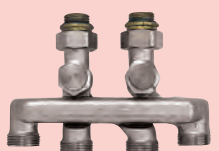
G 3/4

 HERZ-RL-1 single shutoff valve Straight model for two-pipe operation Radiator connection G 3/4 with cone, freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	G 3/4	31380 6	1 3741 01	20	
 HERZ-RL-1 single shutoff valve Angle model for two-pipe operation other version as 1 3741 01.	G 3/4	31370 7	1 3742 01	20	
 HERZ-RL-1 single shutoff valve Straight model for two-pipe operation Radiator connection G 3/4 with cone with freely-rotating nut. Universal model with special socket Rp 1/2 for threaded pipe and compression adapter connection.	G 3/4 x Rp 1/2	31360 8	1 3761 01	20	
 HERZ-RL-1 single shutoff valve Angle model for two-pipe operation other version as 1 3761 01.	G 3/4 x Rp 1/2	31350 9	1 3762 01	20	




Connection system for integrated radiator valves

Double connection distributor, symmetrical, for integrated radiator valves with central connection



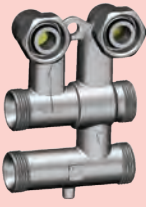
With shutoff, draining and filling of the radiator, crossing-free pipe routing

Model		Dim.	EAN 90 04174	Order number	Sale Unit	€
	HERZ double connection distributor, symmetrical Radiator connection G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	G 3/4	31930 3	1 3033 01	10	
	HERZ double connection distributor, symmetrical Radiator connection G1/2, freely-rotating nut, 2 connection nipples are enclosed. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	G 1/2 x G 3/4	31940 2	1 3033 02	10	


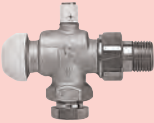


Double connection distributor for two-pipe systems

	HERZ SWITCHFIX switchover distributor for two-pipe systems For connecting the radiator to the pipe network in line with the flow direction and without crossing. The heating supply and return are switchable with the adjusting spindle. The pipelines can be run freely; the adaptation of the radiator flow direction can take place later. The radiator connection can be shut off. Delivery including flush box and cover plate. Connection G 3/4 with cone to radiator. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately and cap 1 8525 02 for pressure test.	G 3/4	31950 1	1 3030 01	1	
	HERZ double connection distributor for two-pipe systems For crossing-free radiator connection for flush mounting. The radiator connection cannot be shut off. Delivery including flush box and cover plate. Radiator connection G 3/4 with cone. Pipe connection with male thread G 3/4 with cone for clamp connection. Compression adapters and cap 1 8525 02 for pressure test must be ordered separately.	G 3/4	43600 0	1 4133 01	1	
	HERZ pedestal distributor for two-pipe systems For crossing-free radiator connection for flush mounting, for laying of the pipes in the wall. The radiator connection cannot be shut off. Delivery including flush box and cover plate. Radiator connection M 22 x 1.5 with cone, pipe connection G 3/4 with cone, horizontal, for clamp connection. Pipe elbow for pressure test is enclosed. Thermostatic head must be ordered separately.	M 22 - G 3/4	41020 8	1 3012 22	1	

Connection system for integrated radiator valve connections for two-pipe systems


Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ connection set for compression adapter connection Nickel-plated brass, for valve radiator and compact radiator. Compression adapter connections: Radiator-side M 22 x 1.5, pipe-side male thread G 3/4. Compression adapters must be ordered separately.</p>	M 22 x 1.5 x G 3/4	02030 8	1 3031 00	1	
 <p>HERZ connection set for press connection Short version, nickel-plated brass, for integrated radiator valve and compact radiator. Connections: Radiator-side M 22 x 1.5, pipe-side press connection.</p>	M 22 x 1.5 - 16 x 2	15720 2	1 3032 02	1	
	M 22 x 1.5 - 18 x 2	15740 0	1 3032 04	1	
	M 22 x 1.5 - 20 x 2	15750 9	1 3032 05	1	
 <p>Replacement for Stelrad pedestal distributor. Nickel-plated brass, for valve radiator and compact radiator. Radiator-side freely-rotating union nut G 3/4, pipe-side male thread G 3/4; compression adapters must be ordered separately.</p>	G 3/4	41005 5	1 3012 02	30	

Connection sets TS-90 thermostatic valves


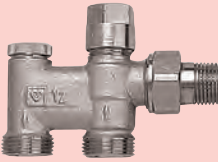

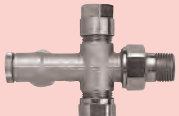
Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-TS-90 thermostatic valve straight model with elbow Radiator connection with elbow 1 6249 01, with cone. Compression adapter 1 6292 01 mounted.</p>	1/2 x 15	70850 3	1 7727 19	1	
 <p>HERZ-TS-90 thermostatic valve Reverse angle model with air vent Radiator connection with cone. Compression adapter 1 6292 01 mounted.</p>	1/2 x 15	70910 4	1 7728 92	1	
 <p>HERZ-TS-90 thermostatic valve 3-axis valve "AB" Valve left of radiator. Radiator connection with cone. Compression adapter 1 6292 01 mounted.</p>	1/2 x 15	71020 9	1 7758 19	1	
 <p>HERZ-TS-90 thermostatic valve 3-axis valve "CD" Valve right of radiator. Radiator connection with cone. Compression adapter 1 6292 01 mounted.</p>	1/2 x 15	71050 6	1 7759 19	1	

4


Connection pipe

 <p>Connection pipe 15 x 1 of copper, nickel-plated. 1 6330 11: Pipe length 550 mm. 1 6330 31: Pipe length 1000 mm.</p>	550	61120 9	1 6330 11	1	
	1000	61130 8	1 6330 31	1	

HERZ-2000 bypass body


Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
	Bypass body for one-pipe operation, with shutoff Radiator connection with cone, compression adapter 1 6284 04 mounted, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection G 3/4 with cone. Circulation brake enclosed.	1/2 x G 3/4	70020 0	1 7173 01	1
	Bypass body for two-pipe operation, suitable for shutoff and control Radiator connection with cone, compression adapter 1 6284 04 mounted, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection G 3/4 with cone.	1/2 x G 3/4	70040 8	1 7175 01	1
	Bypass body for one-pipe operation, suitable for shutoff Radiator connection with cone, compression adapter 1 6284 04 mounted, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection M 22 x 1.5. Circulation brake enclosed.	1/2 x M 22 x 1.5	70030 9	1 7174 01	1
	Bypass body for two-pipe operation, suitable for shutoff and control Radiator connection with cone, compression adapter 1 6284 04 mounted, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection M 22 x 1.5.	1/2 x M 22 x 1.5	70050 7	1 7176 01	1
	Bypass body for one-pipe operation, angle model, suitable for shutoff Radiator connection with cone, compression adapter 1 6284 04 mounted, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection G 3/4 with cone.	1/2 x G 3/4	74320 7	1 7187 14	1
	Bypass body for two-pipe operation, angle model, suitable for shutoff and control Radiator connection with cone, compression adapter 1 6284 04 mounted, pipe connections must be ordered separately. Pipe centre spacing 40 mm. Pipe threaded connection G 3/4 with cone.	1/2 x G 3/4	74310 8	1 7189 14	1

CALIS-TS three-port valves for thermostatic operation in one-pipe systems

Model		kvs	Dim.	EAN 90 04174	Order number	Sale Unit	€
	CALIS-TS three-port valve Flat seal, without connections, with screw cap. Pipe connections must be ordered separately.	2.75	DN 15	71820 5	1 7761 01	20	
		3.2	DN 20	71830 4	1 7761 02	20	


CALIS-TS in 3-D design for thermostatic operation in one-pipe systems

Thermostatic head in horizontal orientation


	CALIS-TS-3-D three-port valve Valve left of radiator flat seal, no connections, with screw cap. Pipe connections must be ordered separately.	3.5	DN 15	73360 4	1 7761 43	5	
		4.2	DN 20	72470 1	1 7761 45	5	
	CALIS-TS-3-D three-port valve Valve right of radiator flat seal, without connections, with screw cap. Pipe connections must be ordered separately.	3.5	DN 15	73370 3	1 7761 44	5	
		4.2	DN 20	72480 0	1 7761 46	5	

CALIS-TS-E in 3-D design for thermostatic operation in one-pipe systems with elevated flow rate


Thermostatic head in horizontal orientation

	CALIS-TS-E-3-D three-port valve Valve left of radiator flat seal, no connections, with screw cap. Pipe connections must be ordered separately.	5.28	DN 20	73330 7	1 7745 02	5	
	CALIS-TS-E-3-D three-port valve Valve right of radiator flat seal, without connections, with screw cap. Pipe connections must be ordered separately.	5.28	DN 20	73340 6	1 7746 02	5	

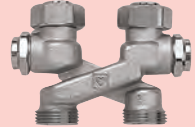
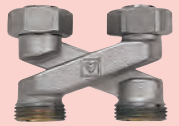
CALIS-T-piece

	CALIS flow T-piece Flat seal, without connections. Pipe connections must be ordered separately.		DN 20	10040 6	1 1001 02	10	
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Room temperature control set for radiator and floor heating connection

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
	HERZ room temperature control set for radiator and floor connection Combined for flush installation. Set consists of flush box with cover plate, chrome-plated, RL-1 shutoff valve, return temperature limiter (MINI), TS-98-V thermostatic valve and double connection distributor. Compression adapters and cap 1 8525 02 for pressure test must be ordered separately.	G 3/4	82460 9	1 8100 25	1
	HERZ room temperature control set for radiator and floor connection Combined for flush installation. Set consists of flush box with cover plate, white, RL-1 shutoff valve, one return temperature limiter, TS-98-V thermostatic valve and double connection distributor. Compression adapters and cap 1 8525 02 for pressure test must be ordered separately.	G 3/4	82465 4	1 8100 26	1


Intersection element

	Intersection element in shape "X" for pipe spacing 50 mm, for shutoff, filling and draining. Connection with cone G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	G 3/4	31980 8	1 3404 34	1
	Intersection element in shape "X" Pipe spacing 50 mm, connection with cone G 3/4 with freely-rotating nut. Pipe connection with male thread G 3/4 with cone for compression adapter connection. Compression adapters must be ordered separately.	G 3/4	30840 6	1 3004 34	1
	Intersection element in shape "X" for pipe spacing 40 mm, connection with cone G 3/4 with freely-rotating nut. Pipe connection G 3/4 with cone must be ordered separately.	G 3/4	31130 7	1 3004 44	1
	Intersection element in shape "X" Pipe spacing 50 mm, connection with cone M 22 x 1.5 with freely-rotating nut. Pipe connection with male thread M 22 x 1.5 for compression adapter connection. Compression adapters must be ordered separately.	M 22 x 1.5	30830 7	1 3004 22	1


Connection set "S" two-pipe

	HERZ connecting element "S", complete , consisting of regulating valve, connection pipe, bypass body and pipe connections. Two-pipe operation, radiator connection G 1/2 with cone, pipe connection thread M 22 x 1.5.	76210 9	1 7650 00	1	
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Connecting element "switchable" single pipe

	HERZ "connection set switchable" , consisting of regulating valve and bypass body; without connection pipe for one-pipe operation, radiator connection G 1/2 with cone, pipe connection thread G 3/4. Pipe spacing: 40 mm.	75280 3	1 7151 01	1	
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Four-port valve with turbulator connection

	HERZ-4WA-T35 four-port valve Straight model for one-pipe and two-pipe systems Radiator connection on lower middle or on side from below, via turbulator connection (not included in delivery); switchable from single- to two-pipe operation. Pipe centre spacing 35 mm. With thread M 30 x 1.5 for "H" heads. Pipe connections G 3/4 must be ordered separately	3/4	74470 9	1 7765 31	10
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Connection sets for convectors

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ "Convector connection set" for two-pipe operation, radiator connection G 1/2 with cone, pipe threaded connection G 3/4 with cone, pipe connections must be ordered separately.</p>	75520 0	1 7688 21	1	


VTA-40 four-port valve for thermostatic operation

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-VTA-40 four-port valve for two-pipe systems with pre-settable upper thermostatic insert Radiator connection on lower side, flat seal, with immersion tube l = 290, Ø = 11 mm. Pipe spacing 40 mm. Adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G 3/4 with cone must be ordered separately.</p>	15 290/11	72240 0	1 7767 51	1	
	20 290/11	72250 9	1 7767 52	1	
 <p>HERZ-VTA-40 four-port valve for one-pipe systems Radiator connection on lower side, flat seal, with immersion tube l = 290, Ø = 11 mm. Pipe spacing 40 mm. Radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G 3/4 with cone must be ordered separately.</p>	15 290/11	72220 2	1 7767 41	1	
	20 290/11	72230 1	1 7767 42	1	

VTA-50 four-port valves for thermostatic operation, thermostat threaded connection M 30 x 1.5



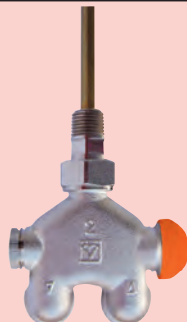
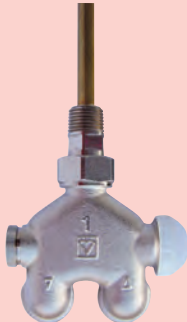
 <p>HERZ-VTA-50 four-port valves for two-pipe systems with pre-adjustable upper thermostatic insert Thread M 30 x 1.5 for "H" heads, radiator connection on lower side, flat seal, pipe spacing 50 mm. With immersion tube L = 290 mm, Ø = 11 mm, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix "H". Pipe connections G 3/4 with cone must be ordered separately.</p>	15 290/11	75290 2	1 7767 27	1	
 <p>HERZ-VTA-50 four-port valves for one-pipe systems, with thread M 30 x 1.5 for "H" heads, radiator connection on lower side, flat seal, pipe centre spacing 50 mm. With immersion tube L = 290 mm, Ø = 11 mm, adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix "H". Pipe connections G 3/4 with cone must be ordered separately.</p>	15 290/11	75380 0	1 7767 26	1	

VUA-AHA four-port valve for thermostatic operation

 <p>HERZ-VUA-AHA four-port valve for one-pipe systems Replacement for T&A- AHA four-port valves Radiator connection on lower middle or on side from below. Pipe spacing 40 mm. Immersion tube integrated into valve Immersion tube length 55 mm Threaded connection on radiator G 3/4 flat seal Threaded connection for thermostatic head M 28 x 1.5. Pipe connections G 3/4 with cone must be ordered separately.</p>	3/4	76490 5	1 7783 40	1	
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Additional immersion tube lengths upon request.

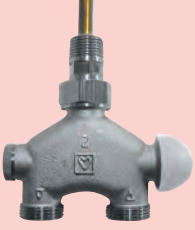
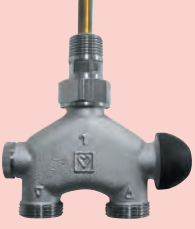
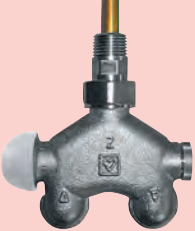
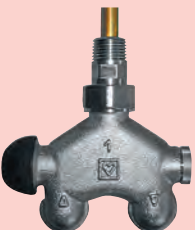
VUA-40 four-port valves for thermostatic operation

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
	HERZ-VUA-40 four-port valve Straight model for two-pipe systems with pre-settable upper thermostatic insert Radiator connection on lower middle or on side from below, flat seal, with immersion tube l = 150, Ø = 11 mm. Pipe centre spacing 40 mm. Radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G 3/4 with cone must be ordered separately.	1/2 150/11	72290 5	1 7783 41	1
	HERZ-VUA-40 four-port valve Straight model for two-pipe systems with pre-settable upper thermostatic insert Radiator connection on lower middle or on side from below, flat seal, with immersion tube l = 290, Ø = 11 mm. Pipe centre spacing 40 mm. Radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G 3/4 with cone must be ordered separately.	1/2 290/11	72520 3	1 7783 51	1
	HERZ-VUA-40 four-port valve Straight model for one-pipe systems Radiator connection on lower middle or on side from below, flat seal, with immersion tube l = 150, Ø = 11 mm. Pipe centre spacing 40 mm. Adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G 3/4 with cone must be ordered separately.	1/2 150/11	72280 6	1 7786 41	1
	HERZ-VUA-40 four-port valve Straight model for one-pipe systems Radiator connection on lower middle or on side from below, flat seal, with immersion tube l = 290, Ø = 11 mm. Pipe centre spacing 40 mm. Adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G 3/4 with cone must be ordered separately.	1/2 290/11	72530 2	1 7786 51	1
	HERZ-VUA-40 four-port valve Angle model for two-pipe systems with pre-settable upper thermostatic insert Radiator connection on lower middle or on side from below, flat seal, with immersion tube l = 150, Ø = 11 mm. Pipe centre spacing 40 mm. Radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G 3/4 with cone must be ordered separately.	1/2 150/11	72300 1	1 7784 41	1
	HERZ-VUA-40 four-port valve Angle model for one-pipe systems Radiator connection on lower middle or on side from below, flat seal, with immersion tube l = 150, Ø = 11 mm. Pipe centre spacing 40 mm. Adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix. Pipe connections G 3/4 with cone must be ordered separately.	1/2 150/11	72490 9	1 7784 42	1



Additional immersion tube lengths upon request.

Note: Matching thermostatic heads in DE LUXE design (chrome): S 9200 41 (M 28 x 1.5), S 9200 48 (M 30 x 1.5) - please see page 5.

VUA-50 four-port valves for thermostatic operation, thermostat connection M 30 x 1.5

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-VUA-50 four-port valves for two-pipe systems, *) dimension 1/2, with thread M 30 x 1.5 for "H" heads, radiator connection lower middle or on side from below, flat seal, pipe centre spacing 50 mm. With immersion tube L = 290 mm, Ø = 11 mm, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix "H". Pipe connections must be ordered separately.</p>	15 290/11	75375 6	1 7783 26	10	
 <p>HERZ-VUA-50 four-port valves for one-pipe systems, dimension 1/2, with thread M 30 x 1.5 for "H" heads, radiator connection lower middle or on side from below, flat seal, pipe centre spacing 50 mm. With immersion tube L = 290 mm, Ø = 11 mm, adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix "H". Pipe connections must be ordered separately.</p>	15 290/11	75360 2	1 7786 26	10	
 <p>HERZ-VUA-50 four-port valves for two-pipe systems, *) dimension 1/2, with thread M 30 x 1.5 for "H" heads, radiator connection lower middle or on side from below, flat seal, pipe centre spacing 50 mm. With immersion tube L = 150 mm, Ø = 11 mm, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix "H". Pipe connections must be ordered separately.</p>	15 150/11	76230 7	1 7784 61	10	
 <p>HERZ-VUA-50 four-port valves for one-pipe systems, dimension 1/2, with thread M 30 x 1.5 for "H" heads, radiator connection lower middle or on side from below, flat seal, pipe centre spacing 50 mm. With immersion tube L = 150 mm, Ø = 11 mm, adjustable partial flowrate restriction in thermostatic operation, radiator removable under pressure, replacement of the thermostatic upper part under pressure using HERZ Changefix "H". Pipe connections must be ordered separately.</p>	15 150/11	75370 1	1 7784 62	10	







Design cover for VUA four-port valves

	<p>HERZ design cover Cover of plastic Cover VUA 50 Surface white (RAL 9010).</p>	<p>Colour</p>	02570 9	1 0110 21	10	
		white RAL 9010				
	<p>HERZ design cover Cover of plastic Cover VUA 40 Surface white (RAL 9010).</p>	white RAL 9010	02580 8	1 0112 21	10	
	<p>HERZ design cover Cover of plastic Cover VUA 50 Surface chrome.</p>	Chrome	02590 7	1 0110 41	10	
	<p>HERZ design cover Cover of plastic Cover VUA 40 Surface chrome.</p>	Chrome	02600 3	1 0112 41	10	




*) With pre-settable upper thermostatic insert

Note: Matching thermostatic heads in DE LUXE design (chrome): S 9200 41 (M 28 x 1.5), S 9200 48 (M 30 x 1.5) - please see page 5.

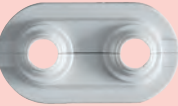
Sleeves, nipples, seal

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Tapered sleeve for radiator connection G 3/4, set of 2</p>	G 3/4	30490 3	1 3001 01	20	
	G 1	30505 4	1 3001 02	2	
 <p>Connection nipple flat seal, set of 2 Direct radiator connection G 1/2, self-sealing with O-ring seal.</p>	G 1/2 x G 3/4	30500 9	1 3002 12	1	
 <p>Flat seal, set of 2 for HERZ-3000 version to 2001.</p>		31010 2	1 3002 10	10	
		32760 5	1 3002 11	10	
 <p>Connection nipple with cone, set of 2 Direct radiator connection G 1/2, self-sealing with O-ring seal, valve connection G 3/4 with cone.</p>	G 1/2 x G 3/4	30930 4	1 3002 31	20	
 <p>Connection nipple, flat seal, set of 2 Direct radiator connection G 1/2, self-sealing with O-ring seal, valve connection G 3/4.</p>	G 1/2 x G 3/4	32575 5	1 3002 21	20	
 <p>HERZ connection nipple, conical seal, set of 2 Direct radiator connection G 1/2, hexagon, self-sealing with O-ring seal; valve connection G 3/4 with cone.</p>	G 1/2 x G 3/4	32580 9	1 3002 39	20	

Accessories

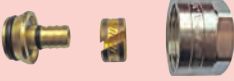
	<p>Cover plate of sheet steel, 230 x 230 mm, chrome-plated Cover for 1 8100 25 replacement part.</p>	82461 6	1 8100 50	1	
	<p>Cover plate of sheet steel, 230 x 230 mm, white Cover for 1 8100 26 replacement part.</p>	82462 3	1 8100 51	1	
	<p>HERZ cover rosette of plastic, can be shortened to length; white RAL 9010.</p>	32530 4	1 3030 50	1	
	<p>HERZ drain valve Brass version, with O-ring seal, with freely-rotating union nut connection G 3/4, hose connection with cap G 3/4, hose connection must be ordered separately.</p>	G 3/4	76309 0	1 4120 01	20

Double rosettes

	<p>Double rosette Pipe centre spacing 50 mm, for pipe outer diameter 14–20 mm.</p>	30200 8	1 3003 50	20	
	<p>Double rosette Pipe centre spacing 40 mm, for pipe outer diameter 14–20 mm.</p>	61920 5	1 6822 40	10	


Plastic pipe connections G 3/4 for PE-X, PB and aluminium composite pipes

G 3/4

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Plastic pipe connections G 3/4 for PE-X, PB and aluminium composite pipes, consisting of spigot, olive and union nut G 3/4 with cone.</p>	10 x 1.3	66330 7	1 6098 18	10	
	14 x 2	61520 7	1 6098 02	10	
	15 x 2.5	66250 8	1 6098 16	10	
	16 x 2	61530 6	1 6098 03	10	
	16 x 2.25	61530 3	1 6098 13	10	
	17 x 2	61540 5	1 6098 04	10	
	17 x 2.5	61550 4	1 6098 05	10	
	18 x 2	61570 2	1 6098 07	10	
	18 x 2.5	61560 3	1 6098 06	10	
	20 x 2	61580 1	1 6098 08	10	
	20 x 2.25	60586 4	1 6098 20	10	
	20 x 2.5	63160 3	1 6098 11	10	
	20 x 2.8	61530 4	1 6098 09	10	
Not suitable for aluminium composite pipes	20 x 3.4	60585 7	1 6098 19	10	



Plastic pipe connections M 22 x 1.5 for PE-X, PB and aluminium composite pipes

M 22 x 1.5

 <p>Plastic pipe connections M 22 x 1.5 for PE-X, PB and aluminium composite pipes, consisting of spigot, olive and union nut M 22 x 1.5.</p>	14 x 2	61480 4	1 6066 02	10	
	16 x 2	61490 3	1 6066 03	10	
	17 x 2	61500 9	1 6066 04	10	


Plastic pipe connections G 1/2 for PE-X, PB and aluminium composite tubes

G 1/2

 <p>HERZ compression adapter for plastic pipe connections, consisting of spigot, olive and compression adapter R 1/2, suitable for HERZ valves of series "D", TS-7728, DE LUXE and RL 5.</p>	16 x 2	65590 6	1 6092 01	10	
 <p>Plastic pipe connection G 1/2 with double O-ring and isolating washer, consisting of spigot, olive and union nut G 1/2 with cone.</p>	12 x 2	16260 2	1 6092 11	10	
	16 x 2	16280 0	1 6092 13	10	



Plastic pipe connections G 1 for PE-X, PB and aluminium composite pipes

G 1

 <p>Plastic pipe connections G 1 for PE-X, PB and aluminium composite pipes, consisting of spigot, olive and union nut G 1 with cone.</p>	16 x 2	16290 9	1 6198 11	10	
	20 x 2	16300 5	1 6198 12	10	
	25 x 3.5	64710 9	1 6198 00	10	
	26 x 3	64720 8	1 6198 01	10	


Compression adapters G 3/4 for steel and copper pipes

G 3/4

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Compression adapter metallic seal, olive with integral O-ring, metallic seal to pipe, union nut G 3/4. Not suitable for chrome-plated metal pipes and stainless steel pipes.</p>	8	63340 9	1 6274 18	10	
	10	60530 7	1 6274 00	10	
	12	60540 6	1 6274 01	10	
	14	60550 5	1 6274 02	10	
	15	60560 4	1 6274 03	10	
 <p>Compression adapter with soft seal, olive, solid rubber seal (EPDM) to pipe, union nut G 3/4. Only suitable for copper pipes. Not suitable for chrome-plated metal pipes, soft steel pipes or stainless steel pipes.</p>	12	64740 6	1 6276 12	10	
	14	66270 6	1 6276 14	10	
	15	64750 5	1 6276 15	10	
	16	66280 5	1 6276 16	10	
	18	64760 4	1 6276 18	10	

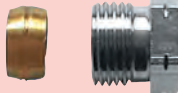

Compression adapters M 22 x 1.5 for steel and copper pipes

M 22 x 1.5

 <p>Compression adapter, metallic seal Olive, metallic seal to pipe, union nut M 22 x 1.5. Not suitable for chrome-plated metal pipes and stainless steel pipes.</p>	10	60590 1	1 6284 00	10	
	12	60600 7	1 6284 01	10	
	14	60610 6	1 6284 03	10	
	15	60620 5	1 6284 04	10	
	16	60630 4	1 6284 05	10	


Compression adapters G 1/2 for steel and copper pipes

G 1/2

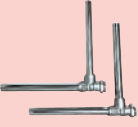
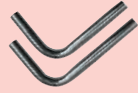
 <p>Compression adapter, metallic seal Olive, metallic seal to pipe, union nut. *) Not suitable for valves with sockets according to DIN series "D".</p>	3/8 x 12	60650 2	1 6292 00	10	
	1/2 x 12	63780 3	1 6292 12*	10	
	1/2 x 14	63430 7	1 6292 14*	10	
	1/2 x 15	60660 1	1 6292 01	10	
	3/4 x 18	60670 0	1 6292 02	10	
 <p>Compression adapter, metallic seal, olive with metallic seal to pipe, union nut G 1/2.</p>	15 x 1 - G 1/2	15790 5	1 6294 01	10	

Compression adapters G 1 for steel and copper pipes

G 1

 <p>Compression adapter, metallic seal Olive, metallic seal to pipe, union nut G 1 with cone.</p>	22	64730 7	1 6273 01	10	
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Connection elbow set for two-pipe systems

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ valve connection elbow set For connecting a HERZ connection set and integrated radiator valve. Valves can be shut off and drained. Copper pipe 15 x 1 nickel-plated, soldered on. Compression adapter M 22 x 1.5 for pipe connection and compression adapter for radiator connection to be ordered separately. 2x leg lengths 150 x 150 mm.</p>	150 x 150 mm	65523 4	1 6332 00	1	
 <p>Connection pipe elbow set 15 x 1; 150 x 100 mm.</p>	15 x 1 150 x 100 mm	65520 3	1 6333 00	1	


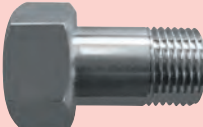
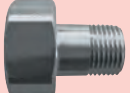
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Radiator connection, nickel-plated, 300 mm / 1100 mm


	16 x 2 - 15 mm / 300 mm	15480 5	P 7216 91	2	
	20 x 2 - 15 mm / 300 mm	15510 9	P 7220 91	2	
	16 x 2 - 15 mm / 1100 mm	15540 6	P 7216 92	2	
	20 x 2 - 15 mm / 1100 mm	15570 3	P 7220 92	2	
	16 x 2 - 15 mm / 300 mm	15600 7	P 7116 91	2	
	20 x 2 - 15 mm / 300 mm	15630 4	P 7120 91	2	
	16 x 2 - 15 mm / 1100 mm	15660 1	P 7116 92	2	
	20 x 2 - 15 mm / 1100 mm	15690 8	P 7120 92	2	

The matching press fitting system (HERZ Pipefix) can be found starting on page 175 ff.


Screw connections, flat seal Iron pipe connection

Model	Rp	Dim. Union nut	EAN 90 04174	Order number	Sale Unit	€
 <p>Iron pipe connection flat seal (left-aligned) with nut and seal, Rc for 4037, 7762, 7763, 7760.</p>	3/8	G 5/8	63925 8	1 6220 00	20	
	3/8	G 1/2	65820 4	1 6220 20	20	
	1/2	G 3/4	62480 3	1 6220 21	20	
	3/4	G 1	62490 2	1 6220 12	20	
	1¼	G 1½	66000 9	1 6220 64	10	
	1¼	G 2	66170 9	1 6220 74	10	
	1½	G 2¼	66180 8	1 6220 75	6	
	2	G 2¾	66170 7	1 6220 76	6	
 <p>Iron pipe connection flat seal (left-aligned) Nut, connector element and seal 4004, 4315, 4325, 4415, 4417, 4207, 7761, 7217, 4216, 7766.</p>	1/2 x 38 mm	G 3/4	60240 5	1 6220 11	20	
	3/4 x 44 mm	G 1	60270 2	1 6220 22	20	
	1	G 1¼	65990 4	1 6220 63	10	
	1½	G 1¾	66010 8	1 6220 65	6	
	2	G 2¾	66020 7	1 6220 66	6	
 <p>Iron pipe connection, flat seal reduced 1 x 1/2 Nut and connection piece.</p>	1/2	G 1	63490 1	1 6221 02	20	


Welding connection

 <p>Welding connection flat seal Nut, welding nipple and seal 4004, 4315, 4325, 4415, 4417, 4207, 7761, 7217, 4216, 7766.</p>	21.3 mm	G 3/4	60370 9	1 6240 01	20	
	26.9 mm	G 1	62500 8	1 6240 02	20	
	33.7 mm	G 1¼	65910 2	1 6240 63	10	
	41.0 mm	G 1½	65920 1	1 6240 64	10	
	47.5 mm	G 1¾	65930 0	1 6240 65	6	
	60.3 mm	G 2¾	65940 9	1 6240 66	6	


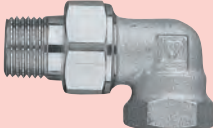
Screw connections, flat seal

 <p>Adapter for iron pipe connection.</p>	3/4	3/4 x M 22 x 1.5	60400 3	1 6244 01	20	
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Solder connection

 <p>Solder connection flat seal with brass union nut and seal</p>	12 mm	G 1/2	62511 4	1 6236 00	20	
	12 mm	G 3/4	62510 7	1 6236 01	20	
	15 mm	G 3/4	62520 6	1 6236 11	20	
	15 mm	G 1	62540 4	1 6236 02	20	
	18 mm	G 3/4	62530 5	1 6236 21	20	
	18 mm	G 1	62550 3	1 6236 12	20	
	22 mm	G 1	62600 5	1 6236 22	20	
	28 mm	G 1¼	65950 8	1 6236 63	10	
	35 mm	G 2	66140 2	1 6236 74	10	
	35 mm	G 1½	65960 7	1 6236 64	10	
	42 mm	G 2¼	66150 1	1 6236 75	6	
	42 mm	G 1¾	65970 6	1 6236 65	6	
	54 mm	G 2¾	66160 0	1 6236 76	6	
	54 mm	G 2¾	65980 5	1 6236 66	6	


Threaded radiator connection

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ threaded radiator connection Straight model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	41080 2	1 4144 00	25	
	1/2	41090 1	1 4144 01	25	
	3/4	41100 7	1 4144 02	25	
	1	41110 6	1 4144 03	1	
	1¼	41120 5	1 4144 04	1	
 <p>HERZ threaded radiator connection Angle model Radiator connection with cone. Universal models with special socket for threaded pipe and compression adapter connection.</p>	3/8	41130 4	1 4145 00	25	
	1/2	41140 3	1 4145 01	25	
	3/4	41150 2	1 4145 02	25	
	1	41160 1	1 4145 03	1	
	1¼	41170 0	1 4145 04	1	

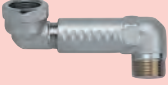
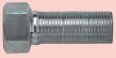
Screw connections with cone

Model	Union nut Dim.	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Iron pipe connection with cone, connection cone 90° Nut and connection piece.</p> <p>Iron pipe connection with cone. Nut and connection piece.</p>	5/4	1	60040 1	1 6209 03	20	
	1 1/4	1 1/4	62590 9	1 6209 04	20	
	5/8	3/8	60050 0	1 6210 00	20	
	3/4	1/2	60080 7	1 6210 21	20	
	3/4	1/2 x 26	60090 6	1 6210 26	20	
	3/4	1/2 x 35	60070 8	1 6210 11	20	
	1	3/4	60060 9	1 6210 02	20	
 <p>Radiator connection Conical seal nut and connection piece without cover sleeve DE LUXE.</p>	5/8	1/2	63180 1	1 6210 44	20	
 <p>Radiator connection with freely-rotating union nut G 3/4 and O-ring seal.</p>	3/4	1/2	66290 4	1 6252 11	20	
 <p>Radiator connection with PTFE ring, iron pipe connection with freely-rotating union nut, radiator connection G 1/2 self-sealing.</p>	M 22	1/2	10601 9	1 6252 01	20	
 <p>Brass radiator connection for valves 3/4 on radiator socket 1/2, nickel-plated, nut and connection element with conical seal.</p>	1	Rp 1/2	65440 4	1 6210 12	20	
 <p>Radiator connection for valves 1/2 on radiator socket 3/8, with cone, nut and connection piece.</p>	3/4	3/8	60100 2	1 6211 00	20	
 <p>Radiator connection for valves 3/8 on radiator socket 1/2, with cone, nut and connection element.</p>	5/8	1/2	60110 1	1 6213 01	20	
 <p>Solder connection Conical sealing nut of nickel-plated brass, brass soldering nipple of brass.</p>	5/8	12	60330 3	1 6235 10	20	
	1	18	60340 2	1 6235 12	20	
	3/4	12	60350 1	1 6235 21	20	
	3/4	15	60360 0	1 6235 31	20	
	3/4	18	65360 5	1 6235 41	20	
 <p>Long threaded bush Without nut, with cone. Can be shortened to even out installation dimension differences.</p>	3/8 x 40		60120 0	1 6218 00	20	
	1/2 x 76		60130 9	1 6218 01	20	
	3/4 x 70		60140 8	1 6218 02	20	
 <p>Threaded bush Without nut, with cone.</p>	1/2 x 39		60150 7	1 6218 11	20	
	1/2 x 42		60160 6	1 6218 21	20	
	1/2 x 48		60170 5	1 6218 31	20	
	1/2 x 36		60180 4	1 6218 41	20	
	1/2 x 76		60190 3	1 6218 51	20	
 <p>90° iron pipe connection elbow of brass, nickel-plated, conical seal, without nut.</p>	10		60430 0	1 6249 00	20	
	15		60440 9	1 6249 01	20	
	20		60450 8	1 6249 02	20	

Reduction socket







 <p>Reduction socket for connecting pipe/valve, brass version. Female thread (pipe) x male thread (valve).</p>	1 x 1/2	60200 9	1 6219 03	1	
	1 1/4 x 1/2	60210 8	1 6219 04	1	
	1 x 3/4	60220 7	1 6219 05	1	
	1 1/4 x 3/4	60230 6	1 6219 14	1	

Compensation adapter


Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ compensation adapter 1/2 For compensation of different radiator hub distances 2-part, can be shortened to length, centre spacing 35–70 mm.</p>	1/2	32590 8	1 3010 11	20	
 <p>HERZ length spacing adapter 1/2 for spacing adapter 1 3010 11. For compensation of different lengths during adapter installation. Thread length 65 mm, can be shortened to 35–65 mm.</p>	1/2	32600 4	1 3011 11	20	

4


Screw connections

	<p>90° connection elbow of brass, nickel-plated pipe connection with male thread M 22 x 1.5 with freely-rotating nut, conical seal.</p>	M 22 x 1.5	60420 1	1 6248 16	1	
	<p>90° connection elbow of brass, nickel-plated pipe connection with male thread G 3/4 with freely-rotating nut, conical seal.</p>	G 3/4	62270 0	1 6248 01	1	
	<p>Screw connection Short version, conical seal with freely-rotating union nut 3/4, length 30 mm.</p>	G 3/4	10551 7	1 3011 02	20	
	<p>Screw connection Short version, conical seal with freely-rotating union nut G 3/4, length 28 mm.</p>	G 3/4 x M 22	76270 3	1 6223 22	20	
	<p>Screw connection Long version, conical seal with freely-rotating union nut G 3/4, length 38 mm.</p>	G 3/4	10561 6	1 3011 03	1	
	<p>Spacing adapter, Set of 2, for compensation of different pipe connections, radius 15 mm, valve connection 3/4 with cone, freely-rotating union nut, pipe connection 3/4 male thread.</p>	G 3/4	32570 0	1 3004 15	1 set	
	<p>Threaded pipe connection with freely-rotating union nut.</p>	G 3/4 x 1/2 female thread	63610 3	1 6223 01	1	
	<p>Connection nipples with freely-rotating union nut.</p>	G 1 x 1 female thread	66320 8	1 6220 73	1	
	<p>Self-sealing screw connection, flat seal, male thread 1/2 with freely-rotating union nut 3/4.</p>	1/2	10581 4	1 6220 70	1	
	<p>Screw connection, set of 2 Conical seal G 3/4 to flat seal G 3/4.</p>	G 3/4	10591 3	1 6220 71	20	





Screw connections Reduction

Model	Dimension	EAN 90 04174	Order number	Sale Unit	€
	G 1 x Rp 1/2	16790 4	P 1928 12	10	



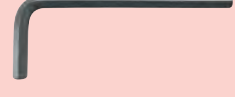




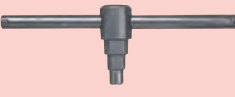

Screw connections Reduction

Model	Dimension	EAN 383 000282	Order number	Sale Unit	€
	R 1/2 x R 3/8 of nickel-plated brass, with O-ring, temperature range from -10°C to +110°C (water from 0°C to 110°C).	7131	1 2333 01	10	


Blind plugs, caps

Model	Dimension	EAN 90 04174	Order number	Sale Unit	€
	3/8	16720 1	1 8445 30	10	
	1/2	16730 0	1 8445 31	10	
	3/4	16740 9	1 8445 32	10	
	1	16750 8	1 8445 33	10	
	G 1/2	16760 7	1 8525 11	10	
	G 3/4	16770 6	1 8525 12	10	
	G 1	16780 5	1 8525 13	10	
	M 22 x 1.5	10030 7	1 1056 66	20	
	Sealing cap nickel-plated 3/4 with connection nipple for chain.	80660 5	1 8525 52	10	
	Sealing cap yellow 3/4 with connection nipple for chain.	80190 7	1 8525 02	10	

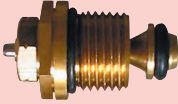


Keys and tools

Model		EAN 90 04174	Order number	Sale Unit	€
	Pre-setting key with blue shaft for HERZ-AS standard models.	61760 7	1 6600 00	1	
	Pre-setting key with yellow shaft for HERZ-DR-T-90 universal models.	61860 4	1 6800 00	1	
	Hexagon socket spanner SW 4 for HERZ-3000.	61770 6	1 6615 00	1	
	Hexagon socket spanner SW 1.5 for HERZ-GP, locking screw pre-setting.	61790 4	1 6618 00	1	
	Multipurpose key for HERZ-3000, HERZ return valves, HERZ radiator connection sets and four-port valves.	61800 0	1 6625 00	1	
	Setting key for HERZ-4 WA-T35, straight model.	65230 1	1 6625 41	1	
	Indicator, setting and checking key for HERZ-3000 radiator flow valves.	62260 1	1 6630 01	1	
	Isolating key for HERZ-3000.	63150 4	1 6630 02	1	
	Pre-setting key for HERZ-RL-5.	61810 9	1 6639 01	1	
	Assembly key for connections 3/8–3/4 with hexagon socket or assembly ribs.	61820 8	1 6680 00	1	
	Pre-setting key for HERZ-TS-98-V and HERZ-3000 bypass body and connection parts with integrated thermostatic valve.	63410 9	1 6819 98	1	


Accessories

Model		Dim.	EAN 90 04174	Order number	Sale Unit	€
	Hose connection adapter for HERZ-RL-5 and HERZ-3000 for filling and draining the radiator via the return valve. Hose connection 1 6206 01 must be ordered separately.	1/2	00010 2	1 0256 01	1	

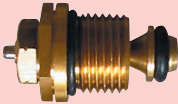

TS upper part

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Upper thermostatic insert for HERZ-TS-90, HERZ-3000 and HERZ-DR-T-90 valves (3/8–3/4) as of year of manufacture 1991, 1 6390 92 also for HERZ-VTA-40, VUA-40 one-pipe as of year of manufacture 1992. Replacement under pressure with HERZ Changefix.</p>	3/8	61590 0	1 6390 90	1	
	1/2	61600 6	1 6390 91	1	
	3/4	61610 5	1 6390 92	1	
	1	62460 5	1 6390 93	1	
 <p>Upper thermostatic insert with pre-setting for HERZ-TS-98-V (cap orange). VTA-40, VUA-40 two-pipe. HERZ-3000 connection parts with integrated thermostatic valve. Replacement under pressure with HERZ Changefix.</p>	3/8–3/4	63310 2	1 6367 98	1	
 <p>Thermostatic upper part for HERZ thermostatic valves for years of manufacture 1978–1989 and converting from HERZ-AS and GP-T manual regulation valves for years of manufacture 1978–1992. Replacement part for VUA, VTA for years of manufacture 1980–1992.</p>	3/8–1/2	61290 9	1 6376 00	1	
	3/4	61300 5	1 6376 02	1	

AGA / Stelrad, years of manufacture 1980-1991





 <p>Upper thermostatic insert TS-90-V Pre-settable, for retrofitting of AGA/Stelrad C32/2 compact valve connection sets 1980–1991.</p>			1 6367 32	20	
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Upper part


 <p>Upper thermostatic insert for HERZ-TS-90-H upper part for 30 x 1.5. 1 6398 92 also for HERZ-VTA-50, VUA-50 one-pipe. Replacement under pressure using HERZ Changefix "H".</p>	1/2	66620 9	1 6398 91	1	
	3/4	66622 3	1 6398 92	1	
 <p>Upper thermostatic insert with pre-setting for HERZ-TS-98-VH upper part for M 30 x 1.5. 1 6398 98 also for HERZ-VTA-50, VUA-50 two-pipe. Replacement under pressure using HERZ Changefix "H".</p>		66624 7	1 6398 98	1	

The HERZ-TS-90 upper thermostatic inserts 1 6365 69–1 6365 99, 1 6367 97, 1 6367 98 and 1 6390 90–1 6390 92, are interchangeable with respect to dimension. Replacement under pressure possible with HERZ Changefix 1 7780 00.


O-ring sets

Model		EAN 90 04174	Order number	Sale Unit	€
	O-ring box, red Each with 20 O-rings and Klingerit seals and cleaning tool for HERZ-AS.	61850 5	1 6710 00	1	
	O-ring box, yellow 20 O-rings and Klingerit seals and cleaning tool for HERZ-AS-T. DN 10 to DN 20.	62610 4	1 6810 00	1	
	O-ring set 20 O-ring screws for HERZ-DR-T-90 radiator control valves.	61890 1	1 6810 90	1	
	O-ring set 20x O-ring clips for HERZ-TS-90 thermostatic valves and 3- and 4-port valves.	62190 1	1 6890 00	1	



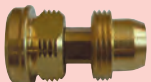

GP spindle seal set

	Spindle seal set for repair of the spindle seal of HERZ-GP radiator regulating valves without pre-setting. Current GP.	62470 4	1 6701 00	20	
	Spindle seal set for HERZ-GP radiator control valves with pre-setting. Current GP.	62670 8	1 6702 00	20	

O-ring set for GP-T and STRÖMAX-M, R





	O-ring set, yellow 20 O-ring chambers, for STRÖMAX-M and STRÖMAX-R.	61830 7	1 6705 00	1	
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Upper part

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 Upper part for HERZ-RL-1-E, shutoff valves 8437, 8438, 8537 and 8538 .	1/2-1	63600 4	1 6301 00	20	
 Upper part for HERZ-3000 bypass body and connection parts with draining and for HERZ-RL-4 single shutoff valves.	3/8-3/4	62580 0	1 6302 00	20	
 Upper part for HERZ-RL-5.	3/8-3/4	61040 0	1 6304 00	20	
	3/8	61080 6	1 6310 90	20	
	1/2	61090 5	1 6310 91	20	
	3/4	61100 1	1 6310 92	20	
	for HERZ-AS standard models	1	61070 7	1 6310 03	20

4

Hand wheels

	Hand wheel for HERZ-GP radiator control valves incl. fastening screw.	3/8-3/4	61640 2	1 6501 10	20
	Stop cap for HERZ-GP radiator control valves.	3/8-3/4	61650 1	1 6503 10	20
	Hand wheel for HERZ-DR-T-90 radiator control valves incl. screw plates.	3/8-3/4	61670 9	1 6510 90	20
	Hand wheel for HERZ-AS radiator control valves incl. insert plates and screw.	1-1¼	61660 0	1 6510 03	20
	Stop cap for HERZ-DR-T-90 radiator control valves incl. fastening screw.	3/8-3/4	61680 8	1 6512 90	20






5




5

Control and Regulating Valves

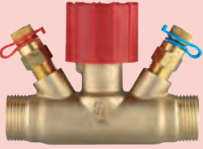
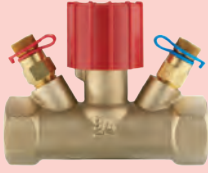
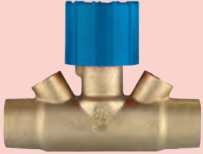
Commissioning valve with integral orifice, inclined body

Model		kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4017 M</p>	<p>HERZ commissioning valve with integral orifice Inclined body, non-rising spindle – socket x socket, of dezincification-resistant brass, pre-setting via stroke limitation, digital display of the pre-setting level in the hand wheel window – for regulation of flow rate via differential pressure measurement, compression adapters for the connection of calibrated soft steel, copper or plastic pipes are available (DN 15 and DN 20), spindle sealing with triple O-ring – 2 test points for differential pressure measurement on the orifice. Test points in extended design available as accessories. Max. operating temperature to DN 32 130°C from DN 40 110°C Max. operating pressure 20 bar.</p>	0.46	15 LF	45000 6	1 4017 11	10	
		0.88	15 MF	45010 5	1 4017 21	10	
		2.00	15	45020 4	1 4017 01	10	
		3.60	20	45030 3	1 4017 02	10	
		6.50	25	45040 2	1 4017 03	10	
		13.30	32	45050 1	1 4017 04	5	
		18.50	40	45060 0	1 4017 05	5	
		33.00	50	45070 9	1 4017 06	5	
 <p>4017 ML</p>	<p>HERZ commissioning valve with integral orifice and capillary connection Inclined body, non-rising spindle – socket x socket, of dezincification-resistant brass, pre-setting via stroke limitation, digital display of the pre-setting level in the hand wheel window – for regulation of flow rate via differential pressure measurement, compression adapters for the connection of calibrated soft steel, copper or plastic pipes are available (DN 15 and DN 20), spindle sealing with triple O-ring – 2 test points for differential pressure measurement on the orifice. Test points in extended design available as accessories. Max. operating temperature to DN 32 130°C from DN 40 110°C Max. operating pressure 20 bar.</p>	0.46	15 LF	45011 2	1 4017 30	10	
		0.88	15 MF	45018 1	1 4017 39	10	
		2.00	15	45012 9	1 4017 31	10	
		3.60	20	45013 6	1 4017 32	10	
		6.50	25	45014 3	1 4017 33	10	
		13.30	32	45015 0	1 4017 34	5	
		18.50	40	45016 7	1 4017 35	5	
		33.00	50	45017 4	1 4017 36	5	
 <p>4017 R</p>	<p>HERZ commissioning valve Inclined body, non-rising spindle – socket x socket, of dezincification-resistant brass, pre-setting via stroke limitation, digital display of the pre-setting level in the hand wheel window – for regulation of flow rate, compression adapters for the connection of calibrated soft steel, copper or plastic pipes are available (DN 15 and DN 20), spindle sealing with triple O-ring. Max. operating temperature to DN 32 130°C from DN 40 110°C Max. operating pressure 20 bar.</p>	2.00	15	46270 2	1 4017 61	10	
		3.60	20	46280 1	1 4017 62	10	
		6.50	25	46290 0	1 4017 63	10	
		13.30	32	46300 6	1 4017 64	10	
		18.50	40	46310 5	1 4017 65	5	
		33.00	50	46320 4	1 4017 66	5	


Commissioning valves for differential pressure measurement, straight body

Model		kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4217 GM STRÖMAX</p>	<p>STRÖMAX-GM, commissioning valve for differential pressure measurement with straight body, with linear characteristic graph and test points. Dezincification-resistant brass, non-rising spindle, socket x socket, spindle sealing with double O-ring. Linear characteristic graph. Pre-setting via stroke limitation, digital display of the pre-setting in the hand wheel window. Pre-setting tampering seal 1 6517 04 and pre-setting marker 1 6517 05 are included. Adapters and compression adapters must be ordered separately. Max. operating temperature: to DN 32 130°C from DN 40 110°C Max. operating pressure: 16 bar.</p>	0.93	15 LF	45800 2	1 4217 30	10	
		3.49	15 MF	45810 1	1 4217 31	10	
		6.05	15	41640 8	1 4217 01	10	
		6.11	20	42820 0	1 4217 32	10	
		9.22	25	45830 9	1 4217 33	10	
		18.83	32	45840 8	1 4217 34	5	
		23.29	40	45850 7	1 4217 35	5	
		35.26	50	45860 6	1 4217 36	5	
		52.11	65	41900 7	1 4217 07	1	
		76.10	80	41900 8	1 4217 08	1	
 <p>4217 GML</p>	<p>STRÖMAX-GML, commissioning valve for differential pressure measurement with straight body, with linear characteristic graph and test points (with integrated capillary connection on output side). Dezincification-resistant brass, non-rising spindle, socket x socket, spindle sealing with double O-ring. Linear characteristic graph. Pre-setting via stroke limitation, digital display of the pre-setting in the hand wheel window. Pre-setting tampering seal 1 6517 04 and pre-setting marker 1 6517 05 are included. Adapters and compression adapters must be ordered separately. Max. operating temperature: to DN 32 130°C from DN 40 110°C Max. operating pressure: 16 bar.</p>	0.93	15 LF	42195 2	1 4217 10	10	
		3.49	15 MF	42196 9	1 4217 19	10	
		6.05	15	42190 7	1 4217 11	10	
		6.11	20	42200 3	1 4217 12	10	
		9.22	25	42210 2	1 4217 13	10	
		18.83	32	42220 1	1 4217 14	5	
		23.29	40	42230 0	1 4217 15	5	
		35.26	50	42240 9	1 4217 16	5	
		52.11	65	42250 8	1 4217 17	1	
		76.10	80	42260 7	1 4217 18	1	
 <p>4217 GR</p>	<p>STRÖMAX-GR, commissioning valve with straight body Dezincification-resistant brass, non-rising spindle, socket x socket, spindle sealing with double O-ring. Linear characteristic graph. Pre-setting via stroke limitation, digital display of the pre-setting in the hand wheel window. Pre-setting tampering seal 1 6517 04 and pre-setting marker 1 6517 05 are included. Adapters and compression adapters must be ordered separately. Max. operating temperature: to DN 32 130°C from DN 40 110°C Max. operating pressure: 16 bar.</p>	6.05	15	41790 0	1 4217 61	10	
		6.11	20	41800 6	1 4217 62	10	
		9.22	25	41810 5	1 4217 63	10	
		18.83	32	41820 4	1 4217 64	5	
		23.29	40	41830 3	1 4217 65	5	
		35.26	50	41840 2	1 4217 66	5	
		52.11	65	41850 1	1 4217 67	1	
		76.10	80	41860 0	1 4217 68	1	

Regulating valves

Model	kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>Regulating valve, straight body with test points G (male thread) Body of dezincification-resistant brass for hydraulic compensation in chilled ceiling systems and fan coils. 2 test points (0284), pre-setting via stroke limitation, pipe connection on both sides with male thread.</p>	3.4	15	43770 0	1 4216 21	10	
	3.4	20	43780 9	1 4216 22	10	
 <p>Regulating valve, straight body with test points, Rp (female thread) Body of dezincification-resistant brass for hydraulic compensation in chilled ceiling systems and fan coils. 2 test points (0284), pre-setting via stroke limitation, pipe connection on both sides with threaded sockets.</p>	3.4	15	43750 2	1 4216 31	10	
	3.4	20	43760 1	1 4216 32	10	
 <p>Regulating valve for solar systems STRÖMAX-4216 with solder connection. Max. operating temperature to 200°C Solder connection for DN 15, 15 mm Solder connection for DN 20, 22 mm</p>	3.4	15	45080 8	1 4216 11	10	
	3.4	20	45090 7	1 4216 12	10	

Commissioning valve for differential pressure measurement, inclined body

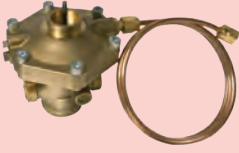


Model		kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4117 M STRÖMAX-M</p>	STRÖMAX-M, commissioning valve for differential pressure measurement with inclined body, with test points. Brass version, of dezincification-resistant brass, socket x socket, spindle sealing with O-ring, pre-setting via stroke limitation outside of the water space. DN 15–DN 20: 2 holes 1/4 with test points, 1 hole 1/4 with sealing screw 2 0273 09 closed. DN 25–DN 50: 2 holes 1/4 with test points, 2 holes 1/4 with sealing screws 2 0273 09 closed. DN 65–DN 80: 2 holes 1/4 with test points, 2 holes 3/8 with sealing screws 2 0273 00 closed. Draining valve 0276 must be ordered separately. Compression adapter connection: DN 15: Universal model with special sockets for threaded pipe and compression adapter connection. DN 20: Adapter 1 6266 20 and compression adapter G 3/4. Adapters and compression adapters must be ordered separately. * LF minimum kv 0.12	4.75*	15 LF	44580 4	1 4117 39	10	
		4.75	15	40810 6	1 4117 51	10	
		6.12	20	40820 5	1 4117 52	10	
		10.4	25	40830 4	1 4117 53	10	
		15.97	32	40840 3	1 4117 54	5	
		23.5	40	40850 2	1 4117 55	5	
		47.89	50	40860 1	1 4117 56	5	
		84.2	65	40870 0	1 4117 57	1	
		133.2	80	40800 9	1 4117 58	1	

Commissioning valves, inclined body

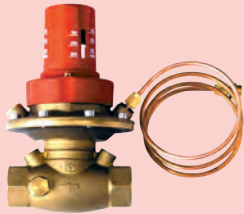

 <p>4117 R STRÖMAX-R</p>	STRÖMAX-R, commissioning valve with inclined body. Brass version, of dezincification-resistant brass, socket x socket, spindle sealing with O-ring, pre-setting via external stroke. Compression adapter connection: DN 15: Universal model with special sockets for threaded pipe and compression adapter connection. DN 20: Adapter 1 6266 20 and compression adapter G 3/4. Adapters and compression adapters must be ordered separately. Modified body.	4.75	15	40890 8	1 4117 61	10	
		6.12	20	40900 4	1 4117 62	10	
		10.4	25	40910 3	1 4117 63	10	
		15.97	32	40920 2	1 4117 64	5	
		23.5	40	40930 1	1 4117 65	5	
		47.89	50	41180 9	1 4117 66	5	
		84.2	65	40940 0	1 4117 67	1	
		133.2	80	40950 9	1 4117 68	1	
 <p>4117 MR STRÖMAX-MR</p>	STRÖMAX-MR, commissioning valve with inclined body Brass version, of dezincification-resistant brass, socket x socket, spindle sealing with O-ring, pre-setting via external stroke limitation. DN 15–DN 20: 3 holes 1/4 with sealing screws 2 0273 09 closed. DN 25–DN 50: 4 holes 1/4 with sealing screws 2 0273 09 closed. Compression adapter connection: DN 15: Universal model with special sockets for threaded pipe and compression adapter connection. DN 20: Adapter 1 6266 20 and compression adapter G 3/4. Adapters and compression adapters must be ordered separately.	4.75	15	44330 5	1 4117 21	10	
		6.12	20	44340 4	1 4117 22	10	
		10.4	25	44350 3	1 4117 23	10	
		15.97	32	44360 2	1 4117 24	5	
		23.5	40	44370 1	1 4117 25	5	
		47.89	50	44380 0	1 4117 26	5	

Valve spindle: With HERZ regulating valves, the rising valve spindle has a secure, long-lasting seal with double O-ring and guarantees a good seal and ease of motion.
 Information on **HERZ draining valves** for commissioning valves **0276** can be found in the current HERZ gross price list / in the current HERZ product range, page 105.
 Information on **HERZ test points 0284** and **HERZ measuring computers 8900** and **8904** can be found in the current HERZ gross price list / in the current HERZ product range, page 104.




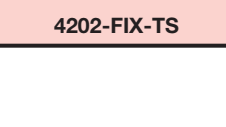
Differential pressure controllers

Model		l/h	DN	Dim.	EAN 90 04174	Order number	Sale Unit	€	
 <p>4002-FIX-TS</p>	HERZ differential pressure controller 4002 FIX TS Differential pressure 23 KPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 and DN 20 with cone, DN 25 to DN 50 flat sealing, threaded connection for drives M 28 x 1.5, screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	50-900	15	G 3/4	45600 8	1 4002 81	1		
		100-1200	20	G 1	45610 7	1 4002 82	1		
		150-1800	25	G 5/4	45620 6	1 4002 83	1		
		200-4000	32	G 1½	45630 5	1 4002 84	1		
		400-6500	40	G 1¾	45640 4	1 4002 85	1		
		400-7000	50	G 2 /	45650 3	1 4002 86	1		
	 <p>4002-FIX</p>	HERZ differential pressure controller 4002 FIX Differential pressure 50 KPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 and DN 20 with cone, DN 25 and DN 50 flat sealing. Threaded connection for drives M 28 x 1.5; 4 mm stroke. Drives, screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	50-900	15	G 3/4	02092 6	1 4002 91	1	
			100-1200	20	G 1	02093 3	1 4002 92	1	
			150-1800	25	G 5/4	02094 0	1 4002 93	1	
			200-4000	32	G 1½	02096 4	1 4002 94	1	
			400-6500	40	G 1¾	02097 1	1 4002 95	1	
			400-7000	50	G 2¾	02098 8	1 4002 96	1	
 <p>4002-FIX</p>	HERZ differential pressure controller 4002 FIX Differential pressure 23 KPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 and DN 20 with cone, DN 25 to DN 50 flat sealing. Screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.	50-900	15	G 3/4	45300 7	1 4002 21	1		
		100-1200	20	G 1	45310 6	1 4002 22	1		
		150-1800	25	G 5/4	45320 5	1 4002 23	1		
		200-4000	32	G 1½	45330 4	1 4002 24	1		
		400-6500	40	G 1¾	45340 3	1 4002 25	1		
		400-7000	50	G 2¾	45350 2	1 4002 26	1		



Differential pressure controllers

Model		I/h	DN	Dim.	EAN 90 04174	Order number	Sale Unit	€		
 <p>HERZ differential pressure controller 4007 with threaded socket Proportional regulator with straight body, without auxiliary power, for two-pipe systems with radiator thermostatic valves. Differential pressure 5–30 KPa continuously adjustable. Dezincification-resistant brass, threaded socket on both sides, incl. capillary 1000 mm.</p>	<p>HERZ differential pressure controller 4007 FIX WE with threaded socket Proportional regulator with straight body, without auxiliary power, for two-pipe systems with radiator thermostatic valves. Differential pressure 23 KPa permanently set. Dezincification-resistant brass, threaded socket on both sides, inc. capillary 1000 mm. DN 15–50 approval "Class A" Wien Energie.</p>	50-1200	15	1/2	42610 0	1 4007 01	1			
		50-1200	20	3/4	42620 9	1 4007 02	1			
		200-4000	25	1	42630 8	1 4007 03	1			
		250-4250	32	1¼	42640 7	1 4007 04	1			
		200-5750	40	1½	42650 6	1 4007 05	1			
		750-9000	50	2	42660 5	1 4007 06	1			
		750-10000	65	2½	45360 1	1 4007 07	1			
		750-12000	80	3	45370 0	1 4007 08	1			
	4007	100-600	15	1/2	43210 1	1 4007 51	1			
		150-780	20	3/4	43220 0	1 4007 52	1			
		200-1500	25	1	43230 9	1 4007 53	1			
		300-2500	32	1¼	43240 8	1 4007 54	1			
		400-4700	40	1½	43250 7	1 4007 55	1			
		600-6100	50	2	43260 6	1 4007 56	1			
		750-10000	65	2½	44970 3	1 4007 57	1			
		750-12000	80	3	44980 2	1 4007 58	1			
		 <p>HERZ differential pressure controller - 30 KPa Differential pressure regulation range 5–30 KPa, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 and DN 20 with cone, DN 25 to DN 50 flat sealing. Screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.</p>	<p>HERZ differential pressure controller - 60 KPa Differential pressure regulation range 25–60 KPa, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 and DN 20 with cone, DN 25 to DN 50 flat sealing. Screw connections and compression adapters must be ordered separately. Incl. capillary 1000 mm.</p>	50-1300	15	G 3/4	45400 4	1 4002 41	1	
				100-1600	20	G 1	45410 3	1 4002 42	1	
150-2000	25			G 5/4	45420 2	1 4002 43	1			
200-5000	32			G 1½	45430 1	1 4002 44	1			
400-8000	40			G 1¾	45440 0	1 4002 45	1			
400-9000	50			G 2¾	45450 9	1 4002 46	1			
4002	50-1300		15	G 3/4	45500 1	1 4002 61	1			
	100-1600		20	G 1	45510 0	1 4002 62	1			
	150-2200		25	G 5/4	45520 9	1 4002 63	1			
	200-7500		32	G 1½	45530 8	1 4002 64	1			
	500-9000		40	G 1¾	45540 7	1 4002 65	1			
	500-10000		50	G 2¾	45550 6	1 4002 66	1			
	50-1300		15	G 3/4	03006 2	1 4002 71	1			
	100-1600		20	G 1	03007 9	1 4002 72	1			
	150-2200		25	G 5/4	03008 6	1 4002 73	1			
	200-7500		32	G 1½	03009 3	1 4002 74	1			
	500-9000		40	G 1¾	03010 9	1 4002 75	1			
	500-10000		50	G 2¾	03011 6	1 4002 76	1			


Differential pressure controllers

Model		l/h	DN	EAN 90 04174	Order number	Sale Unit	€	
 <p>HERZ differential pressure controller - 30 KPa Differential pressure regulation range 5–30 KPa, compact shape, body of dezincification-resistant brass, threaded sockets on both sides. Incl. capillary 1000 mm.</p>		50-1300	15	01602 8	1 4202 41	1		
		100-1600	20	01603 5	1 4202 42	1		
		150-2000	25	01604 2	1 4202 43	1		
		200-5000	32	01605 9	1 4202 44	1		
		400-8000	40	01606 6	1 4202 45	1		
		400-9000	50	01607 3	1 4202 46	1		
	 <p>HERZ differential pressure controller - 60 KPa Differential pressure regulation range 25–60 KPa, compact shape, body of dezincification-resistant brass, threaded sockets on both sides. Incl. capillary 1000 mm.</p>		50-1300	15	01608 0	1 4202 61	1	
			100-1600	20	01611 0	1 4202 62	1	
			150-2200	25	01612 7	1 4202 63	1	
			200-7500	32	01613 4	1 4202 64	1	
			500-9000	40	01614 1	1 4202 65	1	
			500-10000	50	01615 8	1 4202 66	1	
 <p>HERZ differential pressure controller 4202 FIX Differential pressure 23 KPa permanently set, compact shape, body of dezincification-resistant brass, threaded sockets on both sides. Incl. capillary 1000 mm.</p>		50-900	15	01594 6	1 4202 21	1		
		100-1200	20	01595 3	1 4202 22	1		
		150-1800	25	01596 0	1 4202 23	1		
		200-4000	32	01597 7	1 4202 24	1		
		400-6500	40	01598 4	1 4202 25	1		
 <p>HERZ differential pressure controller 4202 FIX TS Differential pressure 23 KPa permanently set, compact shape, body of dezincification-resistant brass. Threaded connection for drive M 28 x 1.5; 4 mm stroke. Drives must be ordered separately. Incl. capillary 1000 mm.</p>		400-7000	50	01601 1	1 4202 26	1		
		50-900	15	01616 5	1 4202 81	1		
		100-1200	20	01617 2	1 4202 82	1		
		150-1800	25	01618 9	1 4202 83	1		
		200-4000	32	01621 9	1 4202 84	1		
		400-6500	40	01622 6	1 4202 85	1		
	400-7000	50	01623 3	1 4202 86	1			





Differential pressure overflow valves

Model		I/h	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4004</p>	HERZ differential pressure overflow valve, straight model One-part metal body, nickel-plated model; for flat-sealing screw connection of choice. Screw connections must be ordered separately.	10-2000	15	43810 3	1 4004 31	1	
		10-2000	20	43830 1	1 4004 32	1	
 <p>4004</p>	HERZ differential pressure overflow valve, angle model One-part metal body, nickel-plated model; for flat-sealing screw connection of choice. Screw connections must be ordered separately.	10-2000	15	43820 2	1 4004 41	1	
		10-2000	20	43840 1	1 4004 42	1	





Pressure-independent control valve

Model		I/h	DN	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>4001</p>	HERZ pressure-independent control valve; Compact shape, body of dezincification-resistant brass, with male thread connection DN 15 and DN 20 with cone, DN 25 to DN 50 flat sealing, two test points for differential pressure measurement. Compression adapters and screw connections must be ordered separately.	40-400	15	G 3/4	45200 0	1 4001 21	1	
		80-900	20	G 1	45210 9	1 4001 22	1	
		100-1500	25	5/4	45220 8	1 4001 23	1	
		200-2500	32	1½	45230 7	1 4001 24	1	
		400-5000	40	1¾	45240 6	1 4001 25	1	
		500-5000	50	2¾	45250 5	1 4001 26	1	


Combi valve - pressure-independent control valves

Model		l/h	DN	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>4006 M SMART</p>	<p>HERZ SMART valve – pressure-independent control valve Compact shape, body of dezincification-resistant brass, male thread connection with cone, threaded connection for drive M 28 x 1.5. Compression adapters, screw connections and actuator must be ordered separately.</p>	20-100	15 LF	G 3/4	45880 4	1 4006 20	1	
		80-400	15	G 3/4	45890 3	1 4006 21	1	
		200-800	20	G 1	45900 9	1 4006 22	1	
		40-200	15 MF	G 3/4	45910 8	1 4006 29	1	
 <p>4006 R SMART</p>	<p>As above, but without test points</p>	20-100	15 LF	G 3/4	45660 2	1 4006 60	1	
		80-400	15	G 3/4	45661 9	1 4006 61	1	
		200-800	20	G 1	45662 6	1 4006 62	1	
		40-200	15 MF	G 3/4	45663 3	1 4006 69	1	
 <p>4006 M</p>	<p>HERZ Combi valve – pressure-independent control valve Compact shape, body of dezincification-resistant brass, with male thread connection DN 15 and DN 20 with cone, DN 25 to DN 50 flat-sealing, threaded connection for drive M 28 x 1.5. Compression adapters, screw connections and actuator must be ordered separately.</p>	40-400	15	G 3/4	45700 5	1 4006 11	1	
		80-900	20	G 1	45710 4	1 4006 12	1	
		100-1900	25	5/4	45720 3	1 4006 13	1	
		200-2500	32	1½	45730 2	1 4006 14	1	
		400-5000	40	1¾	45740 1	1 4006 15	1	
		500-5000	50	2¾	45750 0	1 4006 16	1	
 <p>4006 R</p>	<p>As above, but without test points</p>	40-400	15	G 3/4	45920 7	1 4006 41	1	
		80-900	20	G 1	45921 4	1 4006 42	1	
		100-1900	25	5/4	45922 1	1 4006 43	1	
		200-2500	32	1½	45923 8	1 4006 44	1	
		400-5000	40	1¾	45924 5	1 4006 45	1	
		500-5000	50	2¾	45925 2	1 4006 46	1	


Combi valve - pressure-independent control valves

Model		l/h	DN	EAN 90 04174	Order number	Sale Unit	€
 4206 M SMART	HERZ SMART valve – pressure-independent control valve Compact shape, body of dezincification-resistant brass, female thread, threaded connection for drive M 28 x 1.5. Actuator not included.	20-100	15 LF	01516 8	1 4206 20	1	
		80-400	15	01517 5	1 4206 21	1	
		200-800	20	01519 9	1 4206 22	1	
		40-200	15 MF	01521 2	1 4206 29	1	
 4206 R SMART	As above, but without test points	20-100	15 LF	01632 5	1 4206 60	1	
		80-400	15	01633 2	1 4206 61	1	
		200-800	20	01634 9	1 4206 62	1	
		40-200	15 MF	01635 6	1 4206 69	1	
 4206 M	HERZ SMART valve – pressure-independent control valve Compact shape, body of dezincification-resistant, with female thread, threaded sockets M 28 x 1.5 on both sides. Actuator not included.	40-400	15	01546 5	1 4206 11	1	
		80-900	20	01547 2	1 4206 12	1	
		100-1900	25	01549 6	1 4206 13	1	
		200-2500	32	01551 9	1 4206 14	1	
		400-5000	40	01552 6	1 4206 15	1	
		500-5000	50	01553 3	1 4206 16	1	
 4206 R	As above, but without test points	40-400	15	01559 5	1 4206 41	1	
		80-900	20	01561 8	1 4206 42	1	
		100-1900	25	01562 5	1 4206 43	1	
		200-2500	32	01563 2	1 4206 44	1	
		400-5000	40	01564 9	1 4206 45	1	
		500-5000	50	01565 6	1 4206 46	1	


Combi valve - pressure-independent control valves

Model		kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 HERZ pressure-independent control valve	of grey cast iron GG 25 with male thread flat-sealing, PN 16 suitable for regulating the flow rate, in heating and cold water systems, max. differential pressure 10 bar max. differential pressure via restrictor 0.2 bar Temperature range 5°C to 130°C Seal material FPM Cone, spindle, seat 1.4057, 1.4404, 1.4021 Capillary 1.4301 Membranes EPDM.	1.6	15	84974 9	F 4006 39	1	
		2.5	15	84975 6	F 4006 40	1	
		4	15	74976 3	F 4006 41	1	
		6.3	20	84977 0	F 4006 42	1	

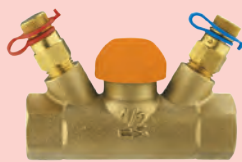
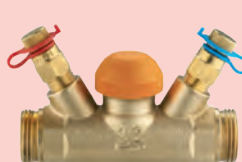
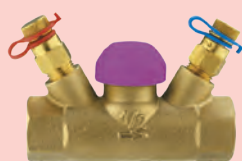

Control and regulating valve, V

Model		kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>7217 V</p>	HERZ control and regulating valve, inclined body, integral orifice (LF, MF), body of dezincification-resistant brass, drive threaded connection M 28 x 1.5, 4.0 mm stroke, pre-settable kvs 0.4–3.9, for increased differential pressures in heating and cooling systems. Compression adapters must be ordered separately. Pre-setting key 1 6819 72 must be ordered separately. Accessories: actuating drive.	2.00	15	70290 7	1 7217 51	1	
		0.45	15 LF	70280 8	1 7217 50	1	
		0.90	15 MF	70310 2	1 7217 59	1	
		3.40	20	70300 3	1 7217 52	1	

Control and regulating valve, GV

 <p>7217 GV</p>	HERZ control and regulating valve GV for the regulation of high flow rates, body of dezincification-resistant brass with pressure-independent, pre-settable upper part regulator drive M 28 x 1.5 for constant or 2-point drive, stroke 4.0 mm. Pipe connection on both sides with female thread. Actuator must be ordered separately. Setting key 1 4006 02 must be ordered separately.	5.0	15	46620 5	1 7217 71	1	
		5.6	20	46621 2	1 7217 72	1	
		7.78	25	46622 9	1 7217 73	1	




Control valve

 <p>7217-98-V</p>	Thermostatic control valve TS-98-V, straight body with test points, Rp (female thread) Body of dezincification-resistant brass with continuously pre-settable upper thermostatic insert TS-98 for hydraulic compensation in chilled ceiling systems and for fan coils. The valve pre-setting is continuous and external. The TS-98-V setting key (1 6819 98) must be ordered separately. Pipe connection on both sides with female thread Rp 1/2 for press fitting connection. Press connections must be ordered separately.	1.1	15	76520 9	1 7217 37	1	
 <p>7217-98-V</p>	Thermostatic control valve TS-98-V, straight body with test points, G (male thread) Body of dezincification-resistant brass with continuously pre-settable upper thermostatic insert TS-98 for hydraulic compensation in chilled ceiling systems and for fan coils. The valve pre-setting is continuous and external. The setting key (1 6819 98) must be ordered separately. Pipe connection on both sides with male thread G 3/4 for compression adapter and press fitting connection. Compression adapters and press connections must be ordered separately.	1.1	15	74950 6	1 7217 67	1	
 <p>7217-99-FV</p>	Thermostatic control valve TS-99-FV, straight body with test points, Rp (female thread) Body of dezincification-resistant brass with continuously pre-settable upper thermostatic insert TS-99-FV for hydraulic compensation in chilled ceiling systems and for fan coils. The valve pre-setting takes place via a stepwise pre-setting externally. The setting key (1 6819 98) must be ordered separately. Pipe connection on both sides with female thread Rp 1/2 for press fitting connection. Press connections must be ordered separately.	0.4	15	76510 0	1 7217 38	1	
 <p>7217-99-FV</p>	Thermostatic control valve TS-99-FV, straight body with test points, G (male thread) Body of dezincification-resistant brass with continuously pre-settable upper thermostatic insert TS-99-FV for hydraulic compensation in chilled ceiling systems and for fan coils. The valve pre-setting takes place via a stepwise pre-setting externally. The setting key (1 6819 98) must be ordered separately. Pipe connection on both sides with male thread G 3/4 for compression adapter and press fitting connection. Compression adapters and press connections must be ordered separately.	0.4	15	76530 8	1 7217 68	1	


The installed **seat gasket** is a permanently elastic and temperature-resistant soft seal.

Valve spindle: For **7217 TS-98-V** and **TS 99-FV**, an O-ring serves as spindle seal and is mounted in a brass chamber that can be replaced during operation. The O-ring ensures minimal maintenance and long-lasting easy valve motion.



HerzCON - direct connection for fan coils

Model		l/h	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HerzCON is a simple and reliable direct connection for fan coils with a 65 mm pipe centre.</p> <ul style="list-style-type: none"> • Models with 65 mm pipe centre spacing • Enables processes such as regulation, flushing and isolation • Including bypass for flushing according to BSRIABG29/2011 • All components of dezincification-resistant brass • Suitable for heating and cooling systems • HERZ 4006 SMART PICV • Multifunctional HERZ ball valve • HERZ strainer with HERZ draining valve 2512 • Including black insulation box <p>max. operating temperature 130°C, min. operating temperature -20°C, max. operating pressure 25 bar.</p> <p>Drives, screw connections and compression adapters must be ordered separately.</p>		20 - 100	15LF	01974 6	1 4600 50	1	
		40 - 200	15MF	01973 9	1 4600 59	1	
		80 - 400	15	01181 8	1 4600 51	1	
		200 - 800	20	01182 5	1 4600 52	1	
 <p>HerzCON is a simple and reliable direct connection for fan coils and AHU.</p> <ul style="list-style-type: none"> • Models with 90 mm pipe centre spacing at DN 25 • Enables processes such as regulation, flushing and isolation • Including bypass for flushing according to BSRIABG29/2011 • All components of dezincification-resistant brass • Suitable for heating and cooling systems • HERZ 4006 PICV • Multifunctional HERZ ball valve • HERZ strainer with HERZ draining valve 2512 <p>max. operating temperature 130°C, min. operating temperature -20°C, max. operating pressure 25 bar.</p> <p>Drives, screw connections and compression adapters must be ordered separately.</p>		100 - 1900	25	01184 9	1 4600 53	1	
	As above but including black, water vapour permeable insulation box.	100 - 1900	25	01179 5	1 4600 58	1	
 <p>HerzCON is a simple and reliable direct connection for fan coils and AHU.</p> <ul style="list-style-type: none"> • Models with 120 mm pipe centre spacing at DN 32 • Enables processes such as regulation, flushing and isolation • Including bypass for flushing according to BSRIABG29/2011 • All components of dezincification-resistant brass • Suitable for heating and cooling systems • HERZ 4006 PICV • Multifunctional HERZ ball valve • HERZ strainer with HERZ draining valve 2512 <p>max. operating temperature 130°C, min. operating temperature -20°C, max. operating pressure 25 bar.</p> <p>Drives, screw connections and compression adapters must be ordered separately.</p>		200 - 2500	32	01185 6	1 4600 54	1	


Zone valve

Model	kvs	DN	EAN	Order number	Sale Unit	€
 <p>HERZ zone valve Regulation via HERZ actuating drives and HERZ thermostatic heads. Straight model, radiator connection with conical sealing. Universal model with special socket for threaded pipe and compression adapter connection. Upper thermostatic insert replaceable using HERZ Changefix. Threaded connection M 28 x 1.5.</p>	2.0	20	90 04174 73320 8	1 7723 82	20	


Mixing valve for raising return flow temperatures

 <p>7766</p>	<p>TEPLOMIX, 3-way thermostatic control valve, flat-sealing The Teplomix 3-way valve is a mixing valve with a constantly regulating thermostatic insert, factory pre-set, for raising return flow temperatures in boiler systems, and requires no auxiliary power. With 3/8 plug for system draining / de-sludging. Max. operating temperature range to 110°C. Models .. - 03 and 04 have fixed bypass, temp. approx. 61°C.</p>	11	25	76010 5	1 7766 03	1	
		14	32	76020 4	1 7766 04	1	
 <p>7766 RD</p>	<p>TEPLOMIX back-sealing, 3-way thermostatic control valve, flat-sealing As described above, however with closing function on the bypass, temp. approx. 55–63°C. (Leak rate max. 10%).</p>	11	25	76290 1	1 7766 13	1	
		14	32	76300 7	1 7766 14	1	


Two-way regulating ball valve with handle

Model	kvs	DN	EAN	Order number	Sale Unit	€
 <p>HERZ two-way ball valve with female thread, for precise regulation, no leakage losses, regulating ball valve for continuous control of cold water, warm water in closed circuits, pressure level PN 40 (DN 15-DN 25) or PN 25 (DN 32-DN 50), ball with equal percentage characteristic graph, spindle sealing with double O-ring, actuator of choice 7712 33/35 to be ordered separately.</p>	5	15	3838963420002	1 2117 01	1	
	8	20	3838963420019	1 2117 02	1	
	12.5	25	3838963420026	1 2117 03	1	
	20	32	3838963420033	1 2117 04	1	
	32	40	3838963420040	1 2117 05	1	
	50	50	3838963420057	1 2117 06	1	


Two-way regulating ball valve without operating element

 <p>HERZ two-way ball valve with female thread, for precise regulation, no leakage losses, regulating ball valve for continuous control of cold water, warm water in closed circuits, pressure level PN 40 (DN 15-DN 25) or PN 25 (DN 32-DN 50), ball with equal percentage characteristic graph, spindle sealing with double O-ring, actuator of choice 7712 33/35 to be ordered separately.</p>	5	15	3838963420064	1 2117 11	1	
	8	20	3838963420071	1 2117 12	1	
	12.5	25	3838963420088	1 2117 13	1	
	20	32	3838963420095	1 2117 14	1	
	32	40	3838963420101	1 2117 15	1	
	50	50	3838963420118	1 2117 16	1	


Two-way regulating ball valve handle

 <p>HERZ manual drive for HERZ regulating valves without operating element 2117, that are not equipped with a valve drive.</p>	15–50		42105 1	1 2100 90	1	
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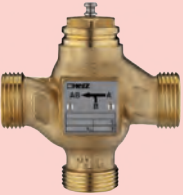
Three-way mixing valve with handle

Model		kvs	DN	EAN	Order number	Sale Unit	€
 <p>Three-way mixer, female thread, body and cone of brass, EPDM seal, medium temperature -10°C to 120°C. PN 10. Actuator of choice 1 7712 25/27 to be ordered separately.</p>	4	15	3838963420378	1 2137 01	1		
	6.3	20	3838963420385	1 2137 02	1		
	10	25	3838963420392	1 2137 03	1		
	16	32	3838963420408	1 2137 04	1		
	25	40	3838963420415	1 2137 05	1		
	40	50	3838963420422	1 2137 06	1		


Four-way mixing valve

 <p>Four-way mixing valve, female thread, body and cone of brass, EPDM seals, medium temperature -10°C to 120°C. PN 10. Actuator of choice 1 7712 25/27 to be ordered separately.</p>	4	15	3838963424079	1 2138 01	1	
	6.3	20	3838963424086	1 2138 02	1	
	10	25	3838963424093	1 2138 03	1	
	16	32	3838963424109	1 2138 04	1	


3-port mixing and diverting valves

Model		kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>3-port mixing and diverting valve for continuous control of cold and warm water. Usable with valve drive 1 7712 as actuator with adjustable characteristic graph. Body of cast brass with three male threads, flat-sealing, screw connections and actuator 1 7712 11/50/51 must be ordered separately.</p>	4	15	42870 8	1 4037 15	1		
	6.3	20	42880 7	1 4037 20	1		
	10	25	42890 6	1 4037 25	1		
	16	32	42900 2	1 4037 32	1		
	25	40	42910 1	1 4037 40	1		
	40	50	42920 0	1 4037 50	1		


CALIS-TS-RD three-port valve for thermostatic operation, distribution 100%

 <p>7761 RD</p>	CALIS-TS-RD three-port valve, distribution 100% flat-sealing, pipe connections must be ordered separately.						
	3.0	15	74480 8	1 7761 38	1		
	3.0	20	74610 9	1 7761 39	1		
	6.27	25	75990 1	1 7761 40	1		
	6.44	32	76000 6	1 7761 41	1		


Control valves, straight model

Model		kvs	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>7760</p>	HERZ straight model thermostatic valve, control valve with reduced kvs value for room climate control systems. Flat-sealing, 2 x male thread. Threaded connection for drive M 30 x 1.5.	0.16	10	75882 9	1 7760 21	10	
		0.4	10	75750 1	1 7760 01	10	
		0.63	10	75760 0	1 7760 02	10	
		1.0	10	75770 9	1 7760 03	10	
		1.6	10	75780 8	1 7760 04	10	
		2.5	15	75790 7	1 7760 05	10	
		3.5	15	75800 3	1 7760 07	10	
		4.5	20	75810 2	1 7760 08	10	


Control valve, normally closed

 <p>7760 RD</p>	Thermostatic valve with reverse acting principle (normally closed), straight model, models with male thread connection and inner cone for compression adapter connection. Threaded connection for drive M 28 x 1.5, conical sealing, 2 x male thread.	2.81	15	76330 4	1 7760 51	10	
		3.21	20	76340 3	1 7760 52	10	


Three-port control valves


 <p>7762</p>	Thermostatic three-port control valve for mixing and distribution, three connections For use as mixing or diverting valve for regulation of heating zones, air terminal units, fan coils and dual-line systems with heat exchanger. Threaded connection for drive M 30 x 1.5, flat-sealing, 3 x male thread.	0.4	10	75020 5	1 7762 50	10	
		0.63	10	75040 3	1 7762 60	10	
		1.0	10	75070 0	1 7762 70	10	
		1.6	10	75080 9	1 7762 80	10	
		2.5	15	75030 4	1 7762 51	10	
		4.0	15	75050 2	1 7762 61	10	
		5.0	20	75060 1	1 7762 62	10	


Four-port control valves with bypass

 <p>7763</p>	Thermostatic four-port valve for mixing and diverting, four connections For use as mixing or diverting valve for regulation of heating zones, air terminal units, fan coils and dual-line systems with heat exchanger. Threaded connection for drive M 30 x 1.5, flat-sealing, 4 x male thread.	0.4	10	75090 8	1 7763 50	10	
		0.63	10	75110 3	1 7763 60	10	
		1.0	10	75140 0	1 7763 70	10	
		1.6	10	75150 9	1 7763 80	10	
		2.5	15	75100 4	1 7763 51	10	
		4.0	15	75120 2	1 7763 61	10	
		5.0	20	75130 1	1 7763 62	10	




Manual drive for three-port mixing and diverting valve

Model	DN	Setting range	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ manual drive for HERZ three-port mixing and diverting valve 4037, not equipped with a valve drive.</p>			91900 8	1 9102 40	20	





 <p>Replacement spring for HERZ differential pressure controller 4002 / 4202</p>	15-50	5-30 kPa	02099 5	1 4002 97	1	
	15-50	25-60 kPa	02101 5	1 4002 98	1	
	15-50	45-80 kPa	01947 0	1 4002 99	1	

 <p>Indicator sleeve for HERZ differential pressure controller 4002 / 4202</p>	15-50	-	45141 6	1 4002 10	1	
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Accessories

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Insulation shells EPP (expanded polypropylene), colour anthracite/black or silver grey, B2 according to DIN 4102 and E according to DIN EN 13501-1, volume weight approx. 45 kg/m³, integrated geometric closure. For the commissioning valve 4017 M, 4017 R.</p>	15	40164 0	1 4095 11	1	
	20	40111 4	1 4095 12	1	
	25	40112 1	1 4095 13	1	
	32	40113 8	1 4095 14	1	
	40	40114 5	1 4095 15	1	
	50	40115 2	1 4095 16	1	
 <p>Insulation shells EPP (expanded polypropylene), colour anthracite/black or silver grey, B2 according to DIN 4102 and E according to DIN EN 13501-1, volume weight approx. 45 kg/m³, integrated geometric closure. For the differential pressure controller 4002.</p>	15	40161 9	1 4096 11	1	
	20	40121 3	1 4096 12	1	
	25	40122 0	1 4096 13	1	
	32	40123 7	1 4096 14	1	
	40	40124 4	1 4096 15	1	
	50	40125 1	1 4096 16	1	
 <p>Insulation shells EPP (expanded polypropylene), colour anthracite/black or silver grey, B2 according to DIN 4102 and E according to DIN EN 13501-1, volume weight approx. 45 kg/m³, integrated geometric closure. Colour black, suitable for ball valve 2201 and 2206.</p>	15	40162 6	1 4096 21	1	
	20	40131 2	1 4096 22	1	
	25	40132 9	1 4096 23	1	
	32	40133 6	1 4096 24	1	
	40	40134 3	1 4096 25	1	
	50	40135 0	1 4096 26	1	





Capillaries for differential pressure controllers 4007, 4002 and 4202

Model	DN	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Ball valve for capillary Threaded connection AG x IG 1/8.</p>	1/8		40250 0	1 4007 78	1	
		1.0 m		40240 1	1 4002 78	1
 <p>Capillary for differential pressure controller with connection nipple 1/8 G x 1/4 G.</p>		1.0 m	43270 5	1 4007 79	1	
		1.5 m	43271 2	1 4007 80	1	
		2.0 m	40102 2	1 4002 80	1	
 <p>HERZ indicator cover for HERZ differential pressure controller 4002, 4202. Plastic, black, with openings for attachment of a tampering seal, tampering seal wire included.</p>			40100 8	1 6502 10	20	
 <p>Connection nipple for capillary 1/8 x 1/4.</p>		1/8 x 1/4	40101 5	1 0269 19	1	
		1/8 x 1/8	40090 2	1 0269 09	1	




Metering station

Model	DN	kvs	EAN 90 04174	Order number	Sale Unit	€		
 <p>HERZ metering station LF with reduced kv, for differential pressure measurement at low flow rates, other design features as listed below.</p>	15 LF	0.55	43510 2	1 4000 11	10			
	 <p>HERZ metering station MF with kvs value = 1.1 for differential pressure measurement at moderate flow rates, other design features as listed below.</p>	15 MF	1.1	43310 8	1 4000 21	10		
		<p>HERZ metering station with two test points, inlet with female thread, outlet with male thread, PN 20 from -20°C to 130°C (to DN32), 110°C (from DN40) Body of dezincification-resistant brass, for hydraulic compensation in chilled ceiling systems and fan coils. Two test points (0284).</p>	15	2.2	43500 3	1 4000 01	10	
			20	4.25	43520 1	1 4000 02	10	
			25	8.6	43530 9	1 4000 03	10	
			32	15.9	43540 9	1 4000 04	5	
			40	23.7	43550 8	1 4000 05	5	
50	48.0		43560 7	1 4000 06	5			
 <p>HERZ metering station of stainless steel, max. temperature 120°C, max. operating pressure 16 bar. Operating data and kv values according to BS 7350.</p>	65	100.7	46330 3	1 4000 31	1			
	80	133.8	46331 0	1 4000 32	1			
	100	237.7	46332 7	1 4000 33	1			
	125	339	46333 4	1 4000 34	1			
	150	511	46334 1	1 4000 35	1			
	200	858	46335 8	1 4000 36	1			
	250	1235	46336 5	1 4000 37	1			
	300	1793	46337 2	1 4000 38	1			



Test points

	Quick test point for HERZ-STRÖMAX commissioning valves (as of year of manufacture 2004), brass version, blue cap (return) for pressure transducer.	1/4	02360 6	1 0284 01	1	
	Quick test point for HERZ-STRÖMAX commissioning valves (as of year of manufacture 2004), brass version, red cap (supply) for pressure transducer.	1/4	02370 5	1 0284 02	1	
	Quick test point for HERZ-STRÖMAX TW commissioning valves, brass version, blue cap (return) for pressure transducer, the valves have a green marking (for potable water).	1/4	02460 3	2 0284 01	1	
	Quick test point for HERZ-STRÖMAX TW commissioning valves, brass version, red cap (supply) for pressure transducer, the valves have a green marking (for potable water).	1/4	02470 2	2 0284 02	1	
	Quick test point s for HERZ-STRÖMAX commissioning valves, brass version, blue cap (return) for pressure transducer, extended design for valves with an insulation thickness up to 40 mm.	1/4	02530 3	1 0284 11	1	
	Quick test points for HERZ-STRÖMAX commissioning valves, brass version, red cap (supply) for pressure transducer, extended design for valves with an insulation thickness up to 40 mm.	1/4	02540 2	1 0284 12	1	
	HERZ test point with drainage Brass version, red cap (supply).	1/4	02560 0	1 0284 22	1	
	HERZ test point with drainage Brass version, blue cap (return).	1/4	02550 1	1 0284 21	1	
	Long quick test point with drainage, straight, blue.	1/4	02620 1	1 0284 23	20	
	Long quick test point with drainage, straight, red.	1/4	02630 0	1 0284 24	20	






Measuring computer

Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ measuring computer for one-handed operation Digital manometer with integrated pressure transducer for measurement of commissioning valves with direct volume flow display and display of the differential pressure. Measuring range 0–10 bar, max. pressure 12 bar, connection for printer and PC via USB interface, protection class IP 65, memory for 20,000 measurements. Included accessories: two measuring tubes with quick-release connectors and filter hose adapter, software and operating manual on CD, pressure transducer set 1 0284 00 and quick test point - 1 0284 10, power supply Li-ion battery, operating time approx. 12 hours. Annual maintenance and calibration recommended!</p>		82115 8	1 8900 04	1	
 <p>HERZ measuring computer Smart-2 Digital manometer for measurement of commissioning valves for differential pressure and flow measurement in heating and cold water systems, consisting of a sensor unit and computer, transmission via Bluetooth. The software includes all major brands. Data memory for recording measured values. Li-ion battery, connection tubes with quick-release connectors, software and operating manual on CD, pressure transducer set 1 0284 00 and test point 1 0284 10, in carry case. Power supply Li-ion battery, operating time approx. 35 hours, charging via 230 V or USB. Medium temperature - 30 to +120°C, max. differential pressure 10 bar. Annual maintenance and calibration recommended!</p>		84651 9	1 8904 02	1	
<p>HERZ measuring computer Smart-4 as 1 8904 02, but with additional functions, such as:</p> <ul style="list-style-type: none"> - Temperature measurement with accessories - Correction of the measured values when using anti-freeze - Graphical visualisation of saved measurement data 		84653 3	1 8904 04	1	
 <p>Set of two replacement filters and two seals for measuring tubes for measurement device 1 8900 04.</p>		82117 2	1 8900 10	1	




Test points

 <p>Quick test point with capillary connection Brass version, blue cap (return) for pressure transducer.</p>	1/4	02700 0	1 0284 03	20	
 <p>Quick test point with capillary connection Brass version, red cap (supply) for pressure transducer.</p>	1/4	02701 7	1 0284 04	20	


Accessories for measuring computer

 <p>Pressure transducer set for quick test points</p>		02380 4	1 0284 00	1	
 <p>HERZ test point adapter set for HERZ-STRÖMAX valves with test points 0280, 0282 and 0283, for differential pressure measurement with HERZ measuring computers "up to year of manufacture 2004".</p>		81610 9	1 8903 11	1	
 <p>Quick test point 1 set = 2 units</p>		02610 2	1 0284 10	Set	
 <p>Pre-setting tampering seal for STRÖMAX-GM/GR for covering the hand wheel fastening screw, destroyed upon removal.</p>		62910 5	1 6517 04	20	
 <p>Pre-setting marker Plastic hanger for labelling the pre-setting level. For installation on valve or pipeline.</p>		62920 4	1 6517 05	20	



Accessories

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Sealing screw Brass version, dezincification-resistant brass with O-ring seal and external hex.</p>	1/4	02181 7	2 0273 09	10	
	3/8	02182 4	2 0273 00	10	
 <p>Draining valve with handle and swivelling hose connection brass version, hose connection 1 6206 01 must be ordered separately.</p>	1/4	02220 3	1 0276 09	1	
	3/8	02230 2	1 0276 00	1	
 <p>Hose connection brass version. Nut and spigot.</p>	3/8	60010 4	1 6206 00	1	
	1/2	60020 3	1 6206 01	1	
	3/4	60030 2	1 6206 02	1	


Keys and tools

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Universal key for opening theft protection clips 9552 4 square key SW 5 for STRÖMAX-M.</p>		63140 5	1 6640 00	1	


Keys and tools

 <p>Pre-setting key for 7217 V.</p>	M 28 x 1.5	66545 0	1 6819 72	1	
 <p>Pre-setting key for HERZ pressure-independent control valve 4001, from year of manufacture 2009 HERZ differential pressure controller 4002, from year of manufacture 2009 HERZ Combi valve pressure-independent control valve 4006-HERZ control and regulating valve 7217 GV.</p>		02670 6	1 4006 02	1	


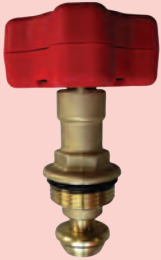
Upper parts

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 Upper thermostatic insert for HERZ zone valve 1 7723 82 Replacement under pressure with HERZ Changefix.	3/4	63830 5	1 6391 92	1	
 Upper thermostatic insert Replacement under pressure with HERZ Changefix, for CALIS-TS	1/2-3/4	61110 0	1 6329 01	1	
	for CALIS-TS-3-D	1/2-3/4	63510 6	1 6329 11	1
	for CALIS-TS-E-3-D (not replaceable under pressure)	3/4	63520 5	1 6329 22	1
 Upper thermostatic insert For HERZ control valve straight model 7760 Replacement with HERZ Changefix not possible.	kvs 0.16	66650 6	1 6305 00	1	
	kvs 0.40	66651 3	1 6305 01	1	
	kvs 0.63	66652 0	1 6305 02	1	
	kvs 1.00	66653 7	1 6305 03	1	
	kvs 1.6	66654 4	1 6305 04	1	
	kvs 2.5	66655 1	1 6305 05	1	
	kvs 3.5	66656 8	1 6305 06	1	
	kvs 4.5	66657 5	1 6305 07	1	
 Upper thermostatic insert For HERZ three-way control valves 7762/7763 Replacement with HERZ Changefix not possible.	kvs 0.40	66658 2	1 6305 11	1	
	kvs 0.63	66659 9	1 6305 12	1	
	kvs 1.00	66660 5	1 6305 13	1	
	kvs 1.6	66661 2	1 6305 14	1	
	kvs 2.5	66662 9	1 6305 15	1	
	kvs 4.0	66663 6	1 6305 16	1	
	kvs 5.0	66664 3	1 6305 17	1	
 Replacement upper part For HERZ control and regulating valve 7217-V Replacement with HERZ Changefix not possible.	15 LF	66665 0	1 6305 50	1	
	15	66666 7	1 6305 51	1	
	20	66667 4	1 6305 52	1	
	15 MF	66668 1	1 6305 59	1	



O-ring set for GP-T and STRÖMAX-M, R

 O-ring set, yellow 20 O-ring chambers, for STRÖMAX-M and STRÖMAX-R.		61830 7	1 6705 00	1	
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Upper parts for inclined body valves in current design as of year of manufacture 2004

Model	DN	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Upper part for STRÖMAX-M and STRÖMAX-R commissioning valves in new design, with O-ring seal between upper part and body. 4117 M, 4117 R</p>	15	1/2	64380 4	1 6388 50	1	
	20	3/4	64390 3	1 6388 52	1	
	25	1	64400 9	1 6388 53	1	
	32	1¼	64410 8	1 6388 54	1	
	40	1½	64430 6	1 6388 55	1	
	50	2	64420 7	1 6388 56	1	
	65	2½	64440 5	1 6388 57	1	
	80	3	64450 4	1 6388 58	1	
 <p>Upper part for STRÖMAX-M and STRÖMAX-R commissioning valves in new design, with O-ring seal between upper part and body. 4017 M, 4017 R</p>	15	1/2	46640 3	1 6384 01	1	
	15 LF	1/2	46641 0	1 6384 11	1	
	15 MF	1/2	46642 7	1 6384 21	1	
	20	3/4	46643 4	1 6384 02	1	
	25	1	46644 1	1 6384 03	1	
	32	1¼	46645 8	1 6384 04	1	
	40	1½	46646 5	1 6384 05	1	
	50	2	46647 2	1 6384 06	1	

Hand wheels

 <p>Hand wheel with fastening screw for STRÖMAX-M and STRÖMAX-R.</p>	1/2–2	60560 4	1 6518 00	1	
	2½, 3	60565 9	1 6518 01	1	
 <p>Replacement hand wheel, red, for 4017.</p>	DN 15–32	10267 7	1 6522 01	1	
	DN 40–50	10268 4	1 6522 02	1	

Upper parts for inclined body valves, year of manufacture 1982-2004

Model	DN	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Upper part for STRÖMAX-M and STRÖMAX-R commissioning valves with Klingerit seal between upper part and body.</p> <p>4117 M, 4117 R</p>	15	1/2	65250 9	1 6388 00	1	
	20	3/4	65240 0	1 6388 02	1	
	25	1	65260 8	1 6388 03	1	
	32	1¼	65270 7	1 6388 04	1	
	40	1½	65280 6	1 6388 05	1	
	50	2	65290 5	1 6388 06	1	
	65	2½	65300 1	1 6388 07	1	
	80	3	65310 0	1 6388 08	1	



5

Test points up to year of manufacture 2004


 <p>Test point for STRÖMAX-M Angled model, brass version.</p>	1/4	00100 0	1 0282 09	1	
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Draining valves up to year of manufacture 2004


for pipe fittings and old designs of inclined body valves.

 <p>Draining valve with handle Brass version, with Klingerit seal.</p>	1/4	00030 0	1 0270 09	1	
	3/8	00020 1	1 0270 00	1	
 <p>Sealing screw Brass version, with Klingerit seal.</p>	1/4	00050 8	1 0272 09	1	
	3/8	00040 9	1 0272 00	1	


Upper parts for differential pressure controller 4007


Model	DN	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Upper part for differential pressure controller.</p> <p>4007</p>	15	1/2	65550 0	1 6386 02	1	
	20	3/4				
	25	1	65560 9	1 6386 03	1	
	32	1¼	65570 8	1 6386 04	1	
	40	1½	65580 7	1 6386 05	1	
	50	2	65595 1	1 6386 06	1	

Upper parts for straight body valves

 <p>Upper part for 4217 for 4217 STRÖMAX-GM and STRÖMAX-GR commissioning valves.</p> <p>4217 GM, 4217 GR, 4218 GMF</p>	15	1/2	66605 6	1 6387 30	1	
	20	3/4				
	25	1	66606 3	1 6387 31	1	
	32	1¼	66600 1	1 6387 22	1	
	40	1½	66601 8	1 6387 23	1	
	50	2	66602 5	1 6387 24	1	
	65	2½	66603 2	1 6387 25	1	
	80	3	66604 9	1 6387 26	1	

Hand wheel

 <p>Hand wheel with fastening screw for STRÖMAX-GM, STRÖMAX-GR and STRÖMAX-GMF.</p>	1/2-1½	62890 0	1 6517 06	1	
	2-3	62900 6	1 6517 08	1	
	4-6	62901 3	1 6517 10	1	

	Differential pressure controller upper part Replacement for 1 4002 41 and 1 4202 41 5-30 kPa.	01935 7	1 6386 91		
	Differential pressure controller upper part Replacement for 1 4002 42 and 1 4202 42 5-30 kPa.	01936 4	1 6386 92		
	Differential pressure controller upper part Replacement for 1 4002 43 and 1 4202 43 5-30 kPa.	01937 1	1 6386 93		
	Differential pressure controller upper part Replacement for 1 4002 44 and 1 4202 44 5-30 kPa.	01938 8	1 6386 94		
	Differential pressure controller upper part Replacement for 1 4002 45-46 and 1 4202 45-46 5-30 kPa.	01939 5	1 6386 95		
	Differential pressure controller upper part Replacement for 1 4002 61 and 1 4202 61 25-60 kPa.	01942 5	1 6386 96		
	Differential pressure controller upper part Replacement for 1 4002 62 and 1 4202 62 25-60 kPa.	01943 2	1 6386 97		
	Differential pressure controller upper part Replacement for 1 4002 63 and 1 4202 63 25-60 kPa.	01944 9	1 6386 98		
	Differential pressure controller upper part Replacement for 1 4002 64 and 1 4202 64 25-60 kPa.	01945 6	1 6386 99		
Differential pressure controller upper part Replacement for 1 4002 65-66 and 1 4202 65-66 25-60 kPa.	01946 3	1 6387 00			





6


6

Flanged Valves


Commissioning valve for differential pressure measurement in flanged design, straight body

Model		kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4218 GMF</p>	<p>STRÖMAX-GMF, commissioning valve for differential pressure measurement in flanged design straight body with test points. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16; length according to ÖNORM EN-558-1, basic series 1; painted blue. Thermostatic upper part of brass to DN 100; from DN 125 thermostatic upper part of grey cast iron. Digital display of the pre-setting levels. Non-rising spindle with double O-ring seal.</p>	11.53	25	43570 6	1 4218 43	1	
		16.6	32	43580 5	1 4218 44	1	
		28.6	40	43590 4	1 4218 45	1	
		37.84	50	43350 4	1 4218 46	1	
		60.3	65	43360 3	1 4218 47	1	
		67.8	80	43370 2	1 4218 48	1	
		99.55	100	46200 9	1 4218 49	1	
		186.58	125	46210 8	1 4218 50	1	
279.05	150	46220 7	1 4218 51	1			
 <p>4218 GF</p>	<p>STRÖMAX-GF with linear characteristic graph. STRÖMAX-GF, commissioning valve for differential pressure measurement in flanged design, straight body with test points. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16; length according to ÖNORM EN-558-1, basic series 1; painted blue. Thermostatic upper part of grey cast iron GJL 250. Digital display of the pre-setting levels. Non-rising spindle with triple O-ring seal.</p>	34.96	50	44670 2	1 4218 80	1	
		66.94	65	44680 1	1 4218 81	1	
		106.78	80	44690 0	1 4218 82	1	
		169.45	100	44700 6	1 4218 83	1	
		255.79	125	44710 5	1 4218 84	1	
		389.54	150	44720 4	1 4218 85	1	
		676.33	200	44730 3	1 4218 86	1	
		1082.72	250	44740 2	1 4218 87	1	
1784.91	300	44750 1	1 4218 88	1			


Commissioning valve for differential pressure measurement in flanged design, inclined body

Model		kvs	DN	EAN 90 04174	Order number	Sale Unit	€
	<p>STRÖMAX-GF with linear characteristic graph. PN16 STRÖMAX-GF, commissioning valve for differential pressure measurement in flanged design, inclined body with extended test points. Body of spheroidal graphite iron EN-GJS-400-15, flange according to EN 1092-2, PN 16; length according to EN-558-1, painted blue. Thermostatic upper part of spheroidal graphite iron EN-GJS-400-15. Digital display of the pre-setting levels. Non-rising spindle with triple O-ring seal.</p>	2917.6	350	45170 6	1 4218 89	1	
		3854.8	400	45180 5	1 4218 90	1	
		5250.6	500	45260 4	1 4218 92	1	
	<p>STRÖMAX-GF with linear characteristic graph. PN25 STRÖMAX-GF, commissioning valve for differential pressure measurement in flanged design, inclined body with extended test points. Body of spheroidal graphite iron EN-GJS-400-15, flange according to EN 1092-2, PN 25; length according to EN-558-1, painted blue. Thermostatic upper part of spheroidal graphite iron EN-GJS-400-15. Digital display of the pre-setting levels. Non-rising spindle with triple O-ring seal.</p>	2917.6	350	46740 0	1 4220 89	1	
		3854.8	400	46750 9	1 4220 90	1	
		5250.6	500	46770 7	1 4220 92	1	


Differential pressure controller in flanged design

Model		l/h	DN	Dim	EAN 90 04174	Order number	Sale Unit	€
 <p>4007 F</p>	Differential pressure controller 4007 F in flanged design Proportional regulator with straight body, without auxiliary power, for two-pipe systems with radiator thermostatic valves. Differential pressure 5–30 KPa continuously adjustable. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, painted blue, incl. capillary 1000 mm.	200-4000	25	1	43610 9	1 4007 13	1	
		250-4250	32	1¼	43620 8	1 4007 14	1	
		200-5750	40	1½	43630 7	1 4007 15	1	
		750-9000	50	2	43640 6	1 4007 16	1	
		750-10000	65	2½	45630 1	1 4007 17	1	
		750-12000	80	3	45370 0	1 4007 18	1	
	Differential pressure controller 4007 F FIX in flanged design, permanently set Proportional regulator with straight body, without auxiliary power, for two-pipe systems with radiator thermostatic valves. Differential pressure 23 KPa permanently set. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, painted blue, incl. capillary 1000 mm.	200-1500	25	1	43650 5	1 4007 63	1	
		300-2500	32	1¼	43660 4	1 4007 64	1	
		400-4700	40	1½	43670 3	1 4007 65	1	
		600-6100	50	2	43680 2	1 4007 66	1	
		750-10000	65	2½	43681 9	1 4007 67	1	
		750-12000	80	3	43682 6	1 4007 68	1	

Differential pressure controller in flanged design




Model	kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>F 4007</p>	Differential pressure controller F 4007 in flanged design Proportional regulator with straight body, without auxiliary power, for two-pipe systems. Differential pressure 10–40 KPa continuously adjustable. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, painted blue, incl. capillary 1600 mm.					
	50	65	85064 6	F 4007 07	1	
	84	80	85065 3	F 4007 08	1	
	96	100	85066 0	F 4007 09	1	
	Differential pressure controller F 4007 in flanged design Proportional regulator with straight body, without auxiliary power, for two-pipe systems. Differential pressure 20–80 KPa continuously adjustable. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, painted blue, incl. capillary 1600 mm.					
	50	65	85071 4	F 4007 17	1	
	84	80	85072 1	F 4007 18	1	
	84	80HF	02218 0	F 4007 38	1	
	96	100	85073 8	F 4007 19	1	
	190	125	85074 5	F 4007 20	1	
	270	150	85075 2	F 4007 21	1	
	Differential pressure controller F 4007 in flanged design Proportional regulator with straight body, without auxiliary power, for two-pipe systems. Differential pressure 50–150 KPa continuously adjustable. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, painted blue, incl. capillary 1600 mm.					
	39.18	50	85077 6	F 4007 26	1	
	50	65	85078 3	F 4007 27	1	
	84	80	85079 0	F 4007 28	1	
96	100	85080 6	F 4007 29	1		
190	125	85081 3	F 4007 30	1		
270	150	85082 0	F 4007 31	1		

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Model	m ³ /h	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>F 4006</p>	HERZ pressure-independent control valve Body of grey cast iron GJL 250 according to EN 1561 Flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, suitable for regulation of the flow rate, in heating and cold water systems, with test points max. differential pressure 4 bar. Temperature range -20°C to 110°C.					
	3.75-15	50	84979 4	F 4006 62	1	
	5-20	65	84980 0	F 4006 63	1	
	9-36	80	84981 7	F 4006 64	1	
	10.75-43	100	84982 4	F 4006 65	1	
	25-100	125	84983 1	F 4006 66	1	
	37.50-150	125 HF	84780 6	F 4006 56	1	
	36.25-145	150	85060 8	F 4006 67	1	
	50-200	150 HF	84781 3	F 4006 57	1	
	52.50-210	200	85061 5	F 4006 68	1	
75-300	200 HF	84782 0	F 4006 58	1		


Electric drives, see section 8.
 Selection matrix, see pages 270–271.

Control valves

Model	kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ Straight control valve Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, equal percentage characteristic graph. Max. operating temperature: 140°C.</p>	1	15	84998 5	F 4035 01	1	
	1.6	15	84999 2	F 4035 11	1	
	2.5	15	85000 4	F 4035 21	1	
	4	15	85001 1	F 4035 31	1	
	6.3	25	85002 8	F 4035 03	1	
	10	25	85003 5	F 4035 13	1	
	16	32	85004 2	F 4035 04	1	
	25	40	85005 9	F 4035 05	1	
	40	50	85057 8	F 4035 16	1	
	63	65	85007 3	F 4035 07	1	
	100	80	85008 0	F 4035 08	1	
	160	100	85009 7	F 4035 09	1	
	250	125	85010 3	F 4035 10	1	
330	150	85011 0	F 4035 41	1		
 <p>HERZ 2 port control valve Body of spheroidal graphite iron GJS 400-18-LT according to EN 1563, flange according to EN 1092, PN 25. Length according to EN 558-1, basic series 1, equal percentage characteristic graph. Max. operating temperature: 140°C.</p>	1	15	84984 8	F 4035 40	1	
	1.6	15	84985 5	F 4035 51	1	
	2.5	15	84986 2	F 4035 61	1	
	4	15	84987 9	F 4035 71	1	
	6.3	25	84988 6	F 4035 43	1	
	10	25	84989 3	F 4035 53	1	
	16	32	84990 9	F 4035 44	1	
	25	40	84991 6	F 4035 45	1	
	40	50	85056 1	F 4035 56	1	
	63	65	84993 0	F 4035 47	1	
	100	80	84994 7	F 4035 48	1	
	160	100	84995 4	F 4035 49	1	
	250	125	84996 1	F 4035 50	1	
330	150	84997 8	F 4035 52	1		
 <p>HERZ three-port control valve Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16. Length according to EN 558-1, basic series 1, equal percentage characteristic graph. Max. operating temperature: 140°C.</p>	1	15	85012 7	F 4037 01	1	
	1.6	15	85013 4	F 4037 11	1	
	2.5	15	85014 1	F 4037 21	1	
	4	15	85015 8	F 4037 31	1	
	6.3	25	85016 5	F 4037 03	1	
	10	25	85017 2	F 4037 13	1	
	16	32	85018 9	F 4037 04	1	
	25	40	85019 6	F 4037 05	1	
	40	50	85058 5	F 4037 16	1	
	63	65	85021 9	F 4037 07	1	
	100	80	85022 6	F 4037 08	1	
	160	100	85023 3	F 4037 09	1	
	250	125	85024 0	F 4037 10	1	
330	150	85025 7	F 4037 41	1		



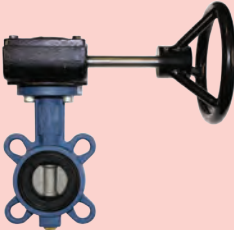
Electric drives, see section 8.
Selection matrix, see pages 270–271.

Shutoff valves with straight body, flanged design

Model	kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4218 AGF STRÖMAX-AGF</p>	STRÖMAX-AGF shutoff valve with straight body, flanged design Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16; length according to ÖNORM EN-558-1, basic series 1; painted blue. Thermostatic upper part of brass. Non-rising spindle, spindle sealing with double O-ring.					
	11.0	25	43690 1	1 4218 53	1	
	20.1	32	43700 7	1 4218 54	1	
	30.4	40	43710 6	1 4218 55	1	
	36.9	50	43720 5	1 4218 56	1	
	62.5	65	43730 4	1 4218 57	1	
	75.0	80	43740 3	1 4218 58	1	




Butterfly valves

Wafer design semi-lugged ZF, for clamping


Model	kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4219 ZF</p>	HERZ butterfly valve Body of grey cast iron GJL 250 according to EN 1561, painted blue, actuation with hand lever. Max. operating pressure: PN 16 Max. operating temperature: 110°C					
	91	50	44760 0	1 4219 01	1	
	206	65	44770 9	1 4219 02	1	
	436	80	44780 8	1 4219 03	1	
	660	100	44790 7	1 4219 04	1	
	1300	125	44800 3	1 4219 05	1	
	2100	150	44810 2	1 4219 06	1	
	4100	200	44820 1	1 4219 07	1	
	6090	250	44830 0	1 4219 08	1	
9570	300	44840 9	1 4219 09	1		
	As above, but without actuation					
	91	50	46360 0	1 4219 21	1	
	206	65	46361 7	1 4219 22	1	
	436	80	46362 4	1 4219 23	1	
	660	100	46363 1	1 4219 24	1	
	1300	125	46364 8	1 4219 25	1	
	2100	150	46365 5	1 4219 26	1	
	4100	200	46366 2	1 4219 27	1	
	6090	250	46367 9	1 4219 28	1	
9570	300	46368 6	1 4219 29	1		
	As above, but with gearbox					
	91	50	68589 7	1 4219 61	1	
	206	65	68590 3	1 4219 62	1	
	436	80	68591 0	1 4219 63	1	
	660	100	68592 7	1 4219 64	1	
	1300	125	68593 4	1 4219 65	1	
	2100	150	68594 1	1 4219 66	1	
	4100	200	68595 8	1 4219 67	1	
	6090	250	68596 5	1 4219 68	1	
9570	300	68597 2	1 4219 69	1		

Butterfly valves


Flanged design AF fully lugged


Model		kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4219 AF</p>	<p>HERZ butterfly valve Body of spheroidal graphite iron GJS400-15 according to EN 1563, painted blue, hand lever with spring-activated locking and integrated locking hole, valve plate of stainless steel 14408, EPDM lining and seal, fully lugged design with four to eight threaded lugs with metric thread. Operating pressure for DN 50 – DN 200 is 16 bar. Max. operating temperature: 110°C. Max. operating pressure for DN 250–300 is 10 bar.</p>	91	50	44850 8	1 4219 11	1	
		206	65	44860 7	1 4219 12	1	
		436	80	44870 6	1 4219 13	1	
		660	100	44880 5	1 4219 14	1	
		1300	125	44890 4	1 4219 15	1	
		2100	150	44900 0	1 4219 16	1	
		4100	200	44910 9	1 4219 17	1	
		6090	250	44920 8	1 4219 18	1	
		9570	300	44930 7	1 4219 19	1	
	<p>As above, but without actuation and with maximum operating pressure PN 16 for DN 50 to DN 300.</p>	91	50	46369 3	1 4219 31	1	
		206	65	46370 9	1 4219 32	1	
		436	80	46371 6	1 4219 33	1	
		660	100	46372 3	1 4219 34	1	
		1300	125	46373 0	1 4219 35	1	
		2100	150	46374 7	1 4219 36	1	
		4100	200	46375 4	1 4219 37	1	
		6090	250	46376 1	1 4219 38	1	
		9570	300	46377 8	1 4219 39	1	
	<p>As above, but with gearbox and with maximum operating pressure PN 16 for DN 50 to DN 300.</p>	91	50	68598 9	1 4219 71	1	
		206	65	68599 6	1 4219 72	1	
		436	80	68638 2	1 4219 73	1	
		660	100	68639 9	1 4219 74	1	
		1300	125	68640 5	1 4219 75	1	
		2100	150	68641 2	1 4219 76	1	
		4100	200	68642 9	1 4219 77	1	
		6090	250	68643 6	1 4219 78	1	
		9570	300	68644 3	1 4219 79	1	

Strainer, mesh size 0.75 mm - 1.25 mm

Model	Mesh size	kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4111 F</p>	HERZ strainer with inclined body and flanged connection. With fine-mesh strainer of chromium-nickel steel. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16; length according to ÖNORM EN 558-1, basic series 1, painted blue. Cover with drain hole and sealing plug 1/2. Four holes Rp 1/4 with sealing plugs for differential pressure measurement. Test points 1 0284 01 and 1 0284 02 must be ordered separately.						
	0.75 mm	11	25	44140 0	1 4111 83	1	
	0.75 mm	18	32	44150 9	1 4111 84	1	
	0.75 mm	27	40	44160 8	1 4111 85	1	
	0.75 mm	45	50	44170 7	1 4111 86	1	

Strainer

	HERZ strainer with inclined body and flanged connection. With fine-mesh strainer of chromium-nickel steel. Body of grey cast iron GJL 250 according to EN 1561, flange according to EN 1092, PN 16; painted blue. Cover with drain hole and sealing plug 1/2.						
	0.6 mm	51	50	02740 6	4 4111 80	1	
	0.6 mm	70	65	02741 3	4 4111 81	1	
	0.6 mm	114	80	02742 0	4 4111 82	1	
	1.5 mm	197	100	02743 7	4 4111 83	1	
	1.5 mm	271	125	02744 4	4 4111 84	1	
	1.5 mm	349	150	02745 1	4 4111 85	1	
	1.5 mm	449	200	02746 8	4 4111 86	1	
	1.5 mm	994	250	02747 5	4 4111 87	1	
	1.5 mm	1566	300	02748 2	4 4111 88	1	
	1.5 mm	2461	350	02749 9	4 4111 89	1	
	1.5 mm	3645	400	02750 5	4 4111 90	1	

Model	DN	EAN 90 04174	Order number	Sale Unit	€
	Spare parts set for 4218 GF consisting of spindle, seal, counting mechanism and hand wheel.				
	50 - 65	44735 8	1 4218 22	1	
	80 - 100	44736 5	1 4218 23	1	
	125 - 150	44741 9	1 4218 24	1	
	200 - 250	44742 6	1 4218 25	1	
	300	44743 3	1 4218 26	1	




7


7

Pipe Fittings

Gate valves



Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>Two-plate gate valve HERZ gate valve with non-rising spindle Two-wedge gate valve of brass, socket x socket, gland packing of special Teflon. PN 10. Max. operating temperature 130°C (to DN 32) or 110°C (from DN 40).</p> <p>4112</p>	15	40260 9	1 4112 01	10	
	20	40270 8	1 4112 02	10	
	25	40280 7	1 4112 03	10	
	32	40290 6	1 4112 04	5	
	40	40300 2	1 4112 05	5	
	50	40310 1	1 4112 06	5	
	65	40320 0	1 4112 07	1	
	80	40330 9	1 4112 08	1	

Single-wedge gate valves

 <p>Single-wedge gate valves with non-rising spindle, Dezincification-resistant brass, socket x socket, Spindle sealing with O-ring. PN 20 bar. Max. operating temperature: 120°C</p>	15	40760 4	1 4113 11	10	
	20	40761 1	1 4113 12	10	
	25	40762 8	1 4113 13	10	
	32	40763 5	1 4113 14	5	
	40	40764 2	1 4113 15	5	
	50	40765 9	1 4113 16	5	


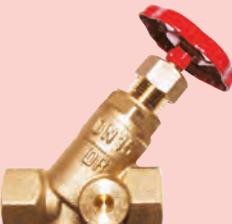
Shutoff valves "D" with inclined body and threaded sockets

Spindle sealing with double O-ring







Model		kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4125 D STRÖMAX-D</p>	<p>STRÖMAX-D, shutoff valve with inclined body, model with long threaded sockets. Socket x socket, non-rising spindle, spindle sealing with double O-ring. Upper part sealed by O-ring in the body. Compression adapter connection: DN 15: Universal model with special sockets for threaded pipe and compression adapter connection. DN 20: Adapter 1 6266 20 and compression adapter G 3/4. Adapters and compression adapters must be ordered separately. Max. operating temperature: 110°C. PN 20.</p>	4.8	15	42030 6	1 4125 61	10	
		11.5	20	42040 5	1 4125 62	10	
		21.5	25	42050 4	1 4125 63	10	
		35.0	32	42060 3	1 4125 64	5	
		48.0	40	42070 2	1 4125 65	5	
		80.0	50	42080 1	1 4125 66	5	
		127.0	65	42090 0	1 4125 67	1	
		183.0	80	42100 6	1 4125 68	1	
 <p>4125 AD STRÖMAX-AD</p>	<p>STRÖMAX-AD, shutoff valve with inclined body, model with long threaded sockets, with two holes. Design as for STRÖMAX-D, but with two holes and one sealing screw. DN 15–DN 50: two holes 1/4, 1 sealing screw 2 0273 09 screwed on. DN 65–DN 80: two holes 3/8, one sealing screw 2 0273 00 screwed on. Draining valve 1 0276 must be ordered separately. Compression adapter connection: DN 15: Universal model with special sockets for threaded pipe and compression adapter connection. DN 20: Adapter 1 6266 20 and compression adapter G 3/4. Adapters and compression adapters must be ordered separately.</p>	4.8	15	42110 5	1 4125 71	10	
		11.5	20	42120 4	1 4125 72	10	
		21.5	25	42130 3	1 4125 73	10	
		35.0	32	42140 2	1 4125 74	5	
		48.0	40	42150 1	1 4125 75	5	
		82.0	50	42160 0	1 4125 76	5	
		127.0	65	42170 9	1 4125 77	1	
		183.0	80	42180 8	1 4125 78	1	

Shutoff valves with inclined body and threaded sockets







Spindle sealing with compression gland

 <p>4115 STRÖMAX</p>	<p>STRÖMAX shutoff valve with inclined body Socket x socket. Spindle sealing with compression gland. Upper part sealed by O-ring in the body. Compression adapter connection: DN 10–DN 15: Universal models with special sockets for threaded pipe and compression adapter connection. DN 20: Adapter 1 6266 20 and compression adapter G 3/4. Adapters and compression adapters must be ordered separately. Max. operating temperature: 110°C. PN 20.</p>	3.0	10	40410 8	1 4115 00	10	
		4.0	15	40420 7	1 4115 01	10	
		10.5	20	40430 6	1 4115 02	10	
		18.0	25	40440 5	1 4115 03	10	
		32.5	32	40450 4	1 4115 04	5	
		44.0	40	40460 3	1 4115 05	5	
		87.0	50	40470 2	1 4115 06	5	
		112.0	65	40480 1	1 4115 07	1	
175.0	80	40490 0	1 4115 08	1			
 <p>4115 A STRÖMAX-A</p>	<p>STRÖMAX-A, shutoff valve with inclined body, with two holes. Design as for STRÖMAX, however with two holes and one sealing screw. DN 15–DN 50: two holes 1/4, 1 sealing screw 2 0273 09 screwed on. DN 65–DN 80: two holes 3/8, one sealing screw 2 0273 00 screwed on. Draining valve 1 0276 must be ordered separately.</p>	4.0	15	40500 6	1 4115 11	10	
		10.5	20	40510 5	1 4115 12	10	
		18.0	25	40520 4	1 4115 13	10	
		32.5	32	40530 3	1 4115 14	5	
		44.0	40	40540 2	1 4115 15	5	
		87.0	50	40550 1	1 4115 16	5	
		112.0	65	40560 0	1 4115 17	1	
		175.0	80	40570 9	1 4115 18	1	

Ball valves

Model	PN	DN	EAN	Order number	Sale Unit	€
 <p>Ball valve - extended T-handle with thermometer (plastic - RED), socket x socket Body of forged brass, nickel-plated, PTFE seals. Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963421863	1 2201 61	25	
	25	20	3838963421870	1 2201 62	25	
	25	25	3838963421887	1 2201 63	5	
	25	32	3838963421894	1 2201 64	16	
	25	40	3838963421900	1 2201 65	8	
	25	50	3838963421917	1 2201 66	4	
 <p>Ball valve - extended T-handle with thermometer (plastic - BLUE), socket x socket Body of forged brass, nickel-plated, PTFE seals. Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963421924	1 2201 71	25	
	25	20	3838963421931	1 2201 72	25	
	25	25	3838963421948	1 2201 73	5	
	25	32	3838963421955	1 2201 74	16	
	25	40	3838963421962	1 2201 75	8	
	25	50	3838963421979	1 2201 76	4	
 <p>Ball valve with extended T-handle (plastic - RED), PN 25, socket x socket Body of forged brass, nickel-plated, PTFE seals. Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963421740	1 2201 41	25	
	25	20	3838963421757	1 2201 42	25	
	25	25	3838963421764	1 2201 43	20	
	25	32	3838963421771	1 2201 44	16	
	25	40	3838963421788	1 2201 45	8	
	25	50	3838963421795	1 2201 46	4	
 <p>Ball valve with extended T-handle (Plastic - BLUE), PN 25, socket x socket Body of forged brass, nickel-plated, PTFE seals. Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963421801	1 2201 51	25	
	25	20	3838963421818	1 2201 52	25	
	25	25	3838963421825	1 2201 53	20	
	25	32	3838963421832	1 2201 54	16	
	25	40	3838963421849	1 2201 55	8	
	25	50	3838963421856	1 2201 56	4	
 <p>Ball valve with lever handle (silumin), PN 25, socket x socket Body of forged brass, nickel-plated, PTFE seals. Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963421344	1 2201 01	25	
	25	20	3838963421351	1 2201 02	25	
	25	25	3838963421368	1 2201 03	20	
	25	32	3838963421375	1 2201 04	16	
	25	40	3838963421382	1 2201 05	8	
	25	50	3838963421399	1 2201 06	4	
 <p>Ball valve with T-handle (silumin), PN 25, socket x socket Body of forged brass, nickel-plated, PTFE seals. Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963421405	1 2201 11	10	
	25	20	3838963421412	1 2201 12	10	
	25	25	3838963421429	1 2201 13	5	
	25	32	3838963421436	1 2201 14	16	







Ball valves

Model	PN	DN	EAN	Order number	Sale Unit	€
 <p>Ball valve with lever handle (sheet steel - galvanised), PN 25, socket x socket Body of forged brass, nickel-plated, PTFE seals. Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963421443	1 2201 21	10	
	25	20	3838963421450	1 2201 22	10	
	25	25	3838963421467	1 2201 23	5	
	25	32	3838963421474	1 2201 24	5	
	25	40	3838963421481	1 2201 25	8	
	25	50	3838963421498	1 2201 26	4	
 <p>Ball valve with T-handle (sheet steel - galvanised), PN 25, socket x socket Body of forged brass, nickel-plated, PTFE seals. Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963421504	1 2201 31	10	
	25	20	3838963421511	1 2201 32	10	
	25	25	3838963421528	1 2201 33	20	
	25	32	3838963421535	1 2201 34	16	
 <p>Ball valve with lever handle (silumin), PN 16, socket x connection nipple Body of forged brass, nickel-plated, PTFE seals (EPDM screw connection). Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	16	15	3838963421542	1 2211 01	25	
	16	20	3838963421559	1 2211 02	25	
	16	25	3838963421566	1 2211 03	20	
	16	32	3838963421573	1 2211 04	16	
	16	40	3838963421580	1 2211 05	8	
	16	50	3838963421597	1 2211 06	4	
 <p>Ball valve with T-handle (silumin), PN 16, socket x connection nipple Body of forged brass according to EN 12165, nickel-plated, PTFE seals (EPDM screw connection). Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. TMax. operating temperature: 150°C.</p>	16	15	3838963421603	1 2211 11	10	
	16	20	3838963421610	1 2211 12	10	
	16	25	3838963421627	1 2211 13	5	
	16	32	3838963421634	1 2211 14	16	
 <p>Ball valve with lever handle (sheet steel - galvanised), PN 16, socket x connection nipple Body of forged brass according to EN 12165, nickel-plated, PTFE seals (EPDM screw connection). Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	16	15	3838963421641	1 2211 21	25	
	16	20	3838963421658	1 2211 22	25	
	16	25	3838963421665	1 2211 23	20	
	16	32	3838963421672	1 2211 24	16	
	16	40	3838963421689	1 2211 25	8	
	16	50	3838963421696	1 2211 26	4	
 <p>Ball valve with T-handle (sheet steel - galvanised), PN 16, socket x connection nipple Body of forged brass, nickel-plated, PTFE seals (EPDM screw connection). Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	16	15	3838963421702	1 2211 31	10	
	16	20	3838963421719	1 2211 32	25	
	16	25	3838963421726	1 2211 33	20	
	16	32	3838963421733	1 2211 34	16	








Ball valves

Model	PN	DN	EAN	Order number	Sale Unit	€
 <p>Ball valve with extended T-handle (plastic - RED, with thermometer), PN 25, socket x socket Body of forged, dezincification-resistant special brass, PTFE seals, spindle sealing with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963422501	1 2206 61	25	
	25	20	3838963422518	1 2206 62	10	
	25	25	3838963422525	1 2206 63	20	
	25	32	3838963422532	1 2206 64	16	
	25	40	3838963422549	1 2206 65	8	
	25	50	3838963422556	1 2206 66	4	
 <p>Ball valve with extended T-handle (plastic - BLUE, with thermometer), PN 25, socket x socket Body of forged, dezincification-resistant special brass, PTFE seals, spindle sealing with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963422563	1 2206 71	25	
	25	20	3838963422570	1 2206 72	10	
	25	25	3838963422587	1 2206 73	20	
	25	32	3838963422594	1 2206 74	16	
	25	40	3838963422600	1 2206 75	8	
	25	50	3838963422617	1 2206 76	4	
 <p>Ball valve with extended T-handle (plastic - RED), PN 25, socket x socket Body of forged, dezincification-resistant special brass, PTFE seals, spindle sealing with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963422389	1 2206 41	25	
	25	20	3838963422396	1 2206 42	25	
	25	25	3838963422402	1 2206 43	20	
	25	32	3838963422419	1 2206 44	16	
	25	40	3838963422426	1 2206 45	8	
	25	50	3838963422433	1 2206 46	4	
 <p>Ball valve with extended T-handle (plastic - BLUE), PN 25, socket x socket Body of forged, dezincification-resistant special brass, PTFE seals, spindle sealing with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963422440	1 2206 51	25	
	25	20	3838963422457	1 2206 52	25	
	25	25	3838963422464	1 2206 53	20	
	25	32	3838963422471	1 2206 54	16	
	25	40	3838963422488	1 2206 55	8	
	25	50	3838963422495	1 2206 56	4	
 <p>Ball valve with lever handle (silumin), PN 25, socket x socket Body of forged, dezincification-resistant special brass, PTFE seals. Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963421986	1 2206 01	25	
	25	20	3838963421993	1 2206 02	25	
	25	25	3838963422006	1 2206 03	20	
	25	32	3838963422013	1 2206 04	16	
	25	40	3838963422020	1 2206 05	8	
	25	50	3838963422037	1 2206 06	4	
 <p>Ball valve with T-handle (silumin), PN 25, socket x socket Body of forged, dezincification-resistant special brass, PTFE seals. Spindle seal with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963422044	1 2206 11	25	
	25	20	3838963422051	1 2206 12	25	
	25	25	3838963422068	1 2206 13	20	
	25	32	3838963422075	1 2206 14	16	

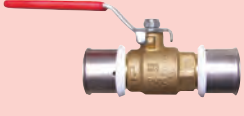
Ball valves

Model	PN	DN	EAN	Order number	Sale Unit	€
 <p>Ball valve with lever handle (sheet steel - galvanised), PN 25, socket x socket Body of forged, dezincification-resistant special brass, PTFE seals. Spindle sealing with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963422082	1 2206 21	25	
	25	20	3838963422099	1 2206 22	25	
	25	25	3838963422105	1 2206 23	20	
	25	32	3838963422112	1 2206 24	16	
	25	40	3838963422129	1 2206 25	8	
	25	50	3838963422136	1 2206 26	4	
 <p>Ball valve with T-handle (sheet steel - galvanised), PN 25, socket x socket Body of forged, dezincification-resistant special brass, PTFE seals. Spindle sealing with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	25	15	3838963422143	1 2206 31	25	
	25	20	3838963422150	1 2206 32	25	
	25	25	3838963422167	1 2206 33	20	
	25	32	3838963422174	1 2206 34	16	
 <p>Ball valve with lever handle (silumin), PN 16, socket x connection nipple Body of forged, dezincification-resistant special brass, PTFE seals (EPDM screw connection). Spindle sealing with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	16	15	3838963422181	1 2216 01	25	
	16	20	3838963422198	1 2216 02	25	
	16	25	3838963422204	1 2216 03	20	
	16	32	3838963422211	1 2216 04	16	
	16	40	3838963422228	1 2216 05	8	
	16	50	3838963422235	1 2216 06	4	
 <p>Ball valve with T-handle (silumin), PN 16, socket x connection nipple Body of forged, dezincification-resistant special brass, PTFE seals (EPDM screw connection). Spindle sealing with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	16	15	3838963422242	1 2216 11	25	
	16	20	3838963422259	1 2216 12	10	
	16	25	3838963422266	1 2216 13	5	
	16	32	3838963422273	1 2216 14	16	
 <p>Ball valve with lever handle (sheet steel - galvanised), PN 16, socket x connection nipple Body of forged, dezincification-resistant special brass, PTFE seals (EPDM screw connection). Spindle sealing with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	16	15	3838963422280	1 2216 21	25	
	16	20	3838963422297	1 2216 22	25	
	16	25	3838963422303	1 2216 23	20	
	16	32	3838963422310	1 2216 24	16	
	16	40	3838963422327	1 2216 25	8	
	16	50	3838963422334	1 2216 26	4	
 <p>Ball valve with T-handle (sheet steel - galvanised), PN 16, socket x connection nipple Body of forged, dezincification-resistant special brass, PTFE seals (EPDM screw connection). Spindle sealing with PTFE. Ball chrome-plated. Female thread according to ISO 228. Max. operating temperature: 150°C.</p>	16	15	3838963422341	1 2216 31	25	
	16	20	3838963422358	1 2216 32	25	
	16	25	3838963422365	1 2216 33	20	
	16	32	3838963422372	1 2216 34	16	



Ball valves - heavy-duty models

Model	PN	DN	EAN	Order number	Sale Unit	€
 <p>Ball valve with lever handle Body of forged brass, nickel-plated, PTFE seals, spindle sealing with PTFE. Max. operating temperature: 150°C.</p>	63	8	3830002826004	1 2100 09	25	
	63	10	3830002826011	1 2100 00	25	
	50	15	3830002826028	1 2100 01	10	
	50	20	3830002826035	1 2100 02	10	
	50	25	3830002826042	1 2100 03	5	
	40	32	3830002826059	1 2100 04	5	
	40	40	3830002826066	1 2100 05	12	
	40	50	3830002826073	1 2100 06	8	
	16	65	3838963421092	1 2100 07	10	
	16	80	3838963421115	1 2100 08	5	
 <p>Ball valve with draining valve and lever handle Body of forged brass, nickel-plated, PTFE and NBR seals, spindle sealing with O-ring. Max. operating temperature: 80°C.</p>	40	15	3830002826523	1 2402 01	10	
	40	20	3830002826530	1 2402 02	25	
	40	25	3830002826547	1 2402 03	5	
	40	32	3830002826554	1 2402 04	16	
	25	40	3830002826561	1 2402 05	12	
 <p>Ball valve with T-handle Body of forged brass, nickel-plated, PTFE seals, spindle sealing with PTFE. Max. operating temperature: 150°C.</p>	63	8	3830002826103	1 2100 19	25	
	63	10	3830002826110	1 2100 10	25	
	50	15	3830002826127	1 2100 11	25	
	50	20	3830002826134	1 2100 12	25	
	50	25	3830002826141	1 2100 13	16	
	40	32	3830002826158	1 2100 14	-	
 <p>Ball valve with draining valve and T-handle Body of forged brass, nickel-plated, PTFE and NBR seals, spindle sealing with O-ring. Max. operating temperature: 80°C.</p>	40	15	3830002826578	1 2402 11	25	
	40	20	3830002826585	1 2402 12	25	
	40	25	3830002826592	1 2402 13	16	
	40	32	3830002826608	1 2402 14	16	
 <p>Ball valve with lever handle Body of forged dezincification-resistant brass, PTFE seals, spindle sealing with PTFE. Max. operating temperature: 150°C.</p>	50	15	3830002829531	1 2190 01	10	
	50	20	3830002829548	1 2190 02	10	
	50	25	3830002829555	1 2190 03	5	
	40	32	3830002829562	1 2190 04	5	
	40	40	3830002829579	1 2190 05	1	
	40	50	3830002829586	1 2190 06	1	
 <p>Ball valve with extended spindle Body of forged brass, ball chrome-plated. Article number 1 2190 21 - 1 2190 24. Spindle seal with PTFE. Female thread according to ISO 228. Max. operating temperature: 150°C. Article number 1 2190 25 - 1 2190 26. Spindle sealing with O-ring. Max. operating temperature: 110°C.</p>	25	15	3830002828992	1 2190 21	10	
	25	20	3830002829005	1 2190 22	10	
	25	25	3830002829012	1 2190 23	5	
	25	32	3830002829029	1 2190 24	5	
	25	40	3830002829036	1 2190 25	1	
	25	50	3830002829043	1 2190 26	1	
 <p>Three-port ball valve Body of forged brass, nickel-plated, PTFE seals, spindle sealing with PTFE. Max. operating temperature: 150°C.</p>	40	15	3830002827049	1 2412 01	50	

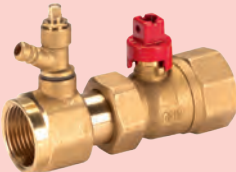
Ball valve with lever handle and press connection

Model	PN	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>Ball valve with lever handle and press connection Body of dezincification-resistant brass. All parts made of materials approved for potable water. Press fitting THU not sealed when not compressed.</p>	16	16 x 2.0	21399 1	T 7216 62	40	
		20 x 2.0	21411 0	T 7220 62	40	
		26 x 3.0	21427 1	T 7226 62	30	



Ball valves

 <p>Ball valve with freely-rotating union nut, with lever Body of forged brass, nickel-plated, PTFE and NBR seals, spindle seal with O-ring. Max. operating temperature: 80°C.</p>	16	15	3830002827773	1 2442 01	50	
	16	20	3830002827780	1 2442 02	50	
 <p>Ball valve with freely-rotating union nut, with T-handle Body of forged brass, nickel-plated, PTFE and NBR seals, spindle seal with O-ring. Max. operating temperature: 80°C.</p>	16	15	3830002827797	1 2442 11	50	
	16	20	3830002827803	1 2442 12	50	





Valve for expansion tank connection

Model	PN	DN	EAN	Order number	Sale Unit	€
 <p>Ball valve for expansion tank connection Body of forged brass, PTFE seals (ball), EPDM spindle seal. Max. operating temperature: 110°C</p>	16	20	3838963363309	1 2205 02	25	
	16	25	80244733004260	1 2205 03	25	


Multifunction ball valve

Model	PN	DN	EAN	Order number	Sale Unit	€
 <p>Multifunction ball valve with red hand wheel and thermometer 0–120°C. 4-way ball valve of dezincification-resistant brass, spindle sealing with PTFE and O-ring, female thread according to ISO 228 Connection for draining, or manometer. T-port of the ball allows for many applications, such as flushing or filling of full systems and parts of systems.</p>	25	20	3830002829463	1 2414 02	20	
	25	25	3830002829500	1 2414 03	10	
	25	32	3830002829487	1 2414 04	10	
 <p>Multifunction ball valve with blue hand wheel and thermometer 0–120°C. 4-way ball valve of dezincification-resistant brass, spindle sealing with PTFE and O-ring, female thread according to ISO 228 Connection for draining, or manometer. T-port of the ball allows many applications, such as flushing or filling of full systems or parts of systems.</p>	25	20	3830002829470	1 2415 02	20	
	25	25	3830002829517	1 2415 03	10	
	25	32	3830002829494	1 2415 04	10	


Ball valve

 <p>Ball valve for pump with check valve Body of forged brass, PTFE seals. Spindle seal with PTFE. Max. operating temperature: 150°C.</p>	16	25	3830002827209	1 2268 03	32	
 <p>Ball valve for pump Body of forged brass, PTFE seals. Spindle seal with PTFE. Max. operating temperature: 150°C.</p>	16	25	3830002827216	1 2269 03	32	
 <p>Check valve and pump connection Body of forged brass, nickel-plated, EPDM seals, PN 25, DN 20. Max. operating temperature: 90°C.</p>	25	20	3830002827636	1 2634 03	25	
 <p>Ball valve with T-handle and backflow preventer, 2 x socket Body of forged, dezincification-resistant brass, PTFE and EPDM seals, spindle sealing with O-ring, spring-loaded backflow preventer of plastic installed. Max. operating temperature: 85°C.</p>	16	15	3830002829357	1 2110 01	10	
	16	20	3830002829739	1 2110 02	10	


Strainer, mesh size 0.5 mm

Model		kvs	PN	DN	EAN	Order number	Sale Unit	€
	HERZ Strainer Body of forged brass, socket x socket. Strainer mesh stainless steel. Max. operating temperature: 110°C.	2.55	16	15	3830002827070	1 2662 01	25	
		5.60	16	20	3830002827087	1 2662 02	25	
		8.20	16	25	3830002827094	1 2662 03	16	


Strainer, mesh size 0.75 mm

Model		kvs	PN	DN	EAN 90 04174	Order number	Sale Unit	€
	HERZ Strainer with strainer mesh stainless steel, body of dezincification-resistant brass - socket x socket. Max. operating temperature: 110°C.	21.5	25	32	41480 0	1 4111 14	5	
		30.0	25	40	41490 9	1 4111 15	5	
		42.0	25	50	41500 5	1 4111 16	5	
		64.3	16	65	41510 4	1 4111 17	1	
		148.6	16	80	41520 3	1 4111 18	1	


Strainer with draining valve, mesh size 0.5 mm

	HERZ Strainer with draining valve, fine-mesh strainer chromium-nickel steel, body of dezincification-resistant brass - socket x socket. Compression adapter connection: DN 15: Universal model with special sockets for threaded pipe and compression adapter connection. DN 20: Adapter 1 6266 20 and compression adapter G 3/4. Adapters and compression adapters must be ordered separately. Max. operating temperature: 110°C.	3.1	10	15	39000 5	1 4111 41	10	
		7.1	10	20	39010 4	1 4111 42	10	


Backflow preventer

Model	PN	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ spring check valve Body of brass, EPDM seals, spring of stainless steel. Opening pressure: 0.02 bar. Temperature range from -10°C to +110°C.</p>	25	15	02711 6	1 2622 41	10	
	25	20	02712 3	1 2622 42	10	
	25	25	02713 0	1 2622 43	10	
	25	32	02715 4	1 2622 44	10	
	25	40	02716 1	1 2622 45	5	
	25	50	02717 8	1 2622 46	5	



Check valve

Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ check valve with filter basket Backflow preventer made of forged brass, opening pressure: 0.02 bar, strainer mesh stainless steel, mesh size 1.25 mm. Larger dimensions on request.</p>	15	68537 8	1 0237 01	1	
	20	68538 5	1 0237 02	1	
	25	68539 2	1 0237 03	1	

Boiler filling and draining valves

Model	PN	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ boiler filling and draining valve THERMOFLEX Heavy-duty model, ease of motion thanks to disc spring and friction disc, with O-ring sealing. Pipe connection with male thread, hose connection with cap. Hose connection must be ordered separately.</p>	10	10	41030 7	1 4119 00	20	
	10	15	41040 6	1 4119 01	20	
	10	20	41050 5	1 4119 02	20	

Boiler filling and draining valves

 <p>Boiler filling and draining valve of forged brass, nickel-plated, EPDM seals. The blind cap can also be used for actuation and can be secured against loss with a chain, max. operating pressure 10 bar. Max. operating temperature: 110°C.</p>	10	15	3830002829050	1 2512 11	25	
 <p>Ball valve with spigot and union nut 1/2 Body of forged brass, PTFE and NBR seals. Max. operating temperature: 80°C.</p>	10	15	3830002829098	1 2512 01	50	
	10	20	3830002827162	1 2512 02	20	





Air vents

Model	PN	DN	EAN	Order number	Sale Unit	€
	Automatic air vents (fill and release valve) Body of forged brass, NBR seals. Max. operating temperature: 80°C.					
	8	10	3838963426479	1 2630 02	1	
	8	20	3838963426493	1 2630 03	1	
	8	10	3830002827711	1 2630 00	10	
	as above, but with backflow preventer 3/8"-3/8"					
	as above, but with backflow preventer 3/8"-1/2"					
	8	15	3830002827704	1 2630 01	10	
	Automatic air vent WE (release valve only) Body of forged brass, EPDM seals. Max. operating temperature: 110°C.					
	10	10	3830002829784	1 2630 10	50	
	10	10	3838963423249	1 2630 11	50	
	as above, but with backflow preventer 3/8"-3/8"					
	as above, but with backflow preventer 3/8"-1/2"					
	10	15	3838963426059	1 2630 12	50	
	Backflow preventer 3/8"-3/8" Replacement for automatic air vent 1 2630 1x, body of brass, with O-ring. Max. operating temperature: 110°C.					
	10	10	3838963427971	1 2621 00	25	
	as above, but 3/8"-1/2"					
	10	15	3830002827612	1 2621 01	25	



Air and dirt separator

Model	DN	EAN	Order number	Sale Unit	€
	HERZ air and dirt separator Body of dezincification-resistant brass, with automatic air vent with shutoff valve, integrated magnet for separation of ferromagnetic particles, ball valve at bottom for draining the separated dirt, rotating connection element for installation in vertical as well as horizontal lines. Nominal pressure: 10 bar Operating pressure: 6 bar Max. operating temperature: 110°C (without steam).				
	20	02338 5	1 1124 02	1	
	25	02189 3	1 1124 03	1	

Air separators

Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ air separator combined with automatic air vent, body of brass. Nominal pressure 12 bar, operating pressure 6 bar. Max. operating temperature: 110°C.</p>	20	68546 0	0124 02	1	
	25	68547 7	0124 03	1	
	32	68548 4	0124 04	1	
	40	68549 1	0124 05	1	
	50	68550 7	0124 06	1	
 <p>HERZ solar air separator combined with automatic air vent for solar systems, body of brass. Nominal pressure 10 bar, operating pressure 6 bar. Max. operating temperature: 150°C.</p>	20	68555 2	0124 12	1	
	25	68556 9	0124 13	1	
	32	68557 6	0124 14	1	
 <p>HERZ automatic air vent for solar systems, body of brass, nominal pressure 10 bar, operating pressure 6 bar. Max. operating temperature: 150°C.</p>	10	68558 3	0101 00	1	
	15	68559 0	0101 01	1	
 <p>HERZ shutoff valve Body of brass, insert of high-temperature plastic, with O-ring at the air vent connection.</p>	15	68560 6	0101 02	1	





Design air vents

	<p>HERZ automatic air vent in angle model, body of brass chrome-plated Nominal pressure 12 bar, operating pressure 3 bar. Max. operating temperature: 110°C. Connection R 1/2 self-sealing.</p>	15	68551 4	0116 41	1	
	<p>HERZ automatic air vent in angle model, body of brass painted white Nominal pressure 12 bar, operating pressure 3 bar. Max. operating temperature: 110°C. Connection R 1/2 self-sealing.</p>	15	68552 1	0116 44	1	
	<p>HERZ automatic air vent, straight model, body of brass chrome-plated Nominal pressure 12 bar, operating pressure 3 bar. Max. operating temperature: 110°C. Connection R 1/2 self-sealing.</p>	15	68553 8	0117 41	1	
	<p>HERZ automatic air vent in straight model, body of brass painted white Nominal pressure 12 bar, operating pressure 3 bar. Max. operating temperature: 110°C. Connection R 1/2 self-sealing.</p>	15	68554 5	0117 44	1	


Safety valves

Model	PN	DN	EAN	Order number	Sale Unit	€	
 <p>Boiler group for heating water. Max. operating temperature: 110°C. Pressure: 0–3 bar.</p>	3	25	3830002827766	1 2104 15	1		
 <p>Pressure relief safety valve Body of forged brass, EPDM membrane, with seals and plastic cap Max. operating temperature: 110°C. For boiler output to 75 kW.</p> <p>Pressure relief safety valve Body of forged brass, EPDM membrane, with seals and plastic cap Max. operating temperature: 110°C. For boiler output to 100 kW.</p> <p>as above, but for boiler output to 150 kW</p>	2.5	15	3830002827544	1 2611 01	10		
	3	15	3830002827551	1 2612 01	10		
	4	15	3830002827605	1 2615 01	1		
	6	15	3830002827568	1 2613 01	10		
	8	15	3838963427773	1 2685 01	50		
	10	15	3838963427780	1 2695 01	50		
	1.8	20	3838963427797	1 2618 02	50		
	2.5	20	3830002827438	1 2604 02	100		
	3	20	3830002827445	1 2605 02	50		
	6	20	3830002827452	1 2606 02	100		
	8	20	3838963427803	1 2686 02	50		
	10	20	3838963427810	1 2696 02	50		
	 <p>as above, but for boiler output to 200 kW</p> <p>as above, but for boiler output to 350 kW</p>	2.5	25	3830002827469	1 2607 03	30	
		3	25	3830002827490	1 2608 03	50	
4		25	3838963426295	1 2647 03	50		
5		25	3838963427834	1 2657 03	50		
6		25	3830002827476	1 2667 03	50		
8		25	3830002827483	1 2687 03	50		
10		25	3838963427841	1 2697 03	50		
2.5		32	3830002827506	1 2609 04	30		
3		32	3830002827513	1 2610 04	30		
6		32	3830002827520	1 2669 04	12		
8	32	3830002827537	1 2689 04	12			


Upper parts for inclined body valves manufactured as of 2004

Model	Square	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>Upper part for STRÖMAX shutoff valves with O-ring seal between upper part and body. Rising spindle</p> <p>4115, 4115 A</p>		10	64300 2	1 6385 50	1	
		15				
		20	64310 1	1 6385 52	1	
		25	64320 0	1 6385 53	1	
		32	64330 9	1 6385 54	1	
		40	64340 8	1 6385 55	1	
		50	64350 7	1 6385 56	1	
		65	64360 6	1 6385 57	1	
		80	64370 5	1 6385 58	1	
 <p>Upper part for STRÖMAX-D shutoff valves. Non-rising spindle</p> <p>4125 D, 4125 AD 4325 D, 4325 AD</p>		15	62370 7	1 6389 01	1	
		20	62380 6	1 6389 02	1	
		25	62390 5	1 6389 03	1	
		32	62400 1	1 6389 04	1	
		40	62410 0	1 6389 05	1	
		50	62420 9	1 6389 06	1	
		65	62560 2	1 6389 07	1	
		80	62570 1	1 6389 08	1	
 <p>Hand wheel with fastening screw for gate valve and STRÖMAX gland packing models.</p> <p>4115, 4115 A 4112, 4112 A</p>	6 mm	10-15	61700 3	1 6519 00	1	
	7 mm	20	61710 2	1 6519 02	1	
	7 mm	25	61720 1	1 6519 03	1	
	8 mm	32	61730 0	1 6519 04	1	
	9 mm	40-50	61740 9	1 6519 06	1	
	14 mm	65-80	61750 8	1 6519 07	1	
 <p>Hand wheel with fastening screw for STRÖMAX-D, STRÖMAX-G.</p>		15-50	62280 9	1 6517 00	1	
		65-80	65860 0	1 6517 01	1	

Upper parts for gate valves manufactured as of 1982



 <p>Upper part for two-plate gate valve.</p> <p>4112, 4112 A</p>	15	61350 0	1 6382 01	1	
	20	61360 9	1 6382 02	1	
	25	61370 8	1 6382 03	1	
	32	61380 7	1 6382 04	1	
	40	61390 6	1 6382 05	1	
	50	61400 2	1 6382 06	1	
	65	61410 1	1 6382 07	1	
	80	61420 0	1 6382 08	1	

Upper parts for inclined body valves, year of manufacture 1982-2004

Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>Upper part for STRÖMAX shutoff valves with Klingerit seal between upper part and body.</p> <p>4115, 4115 A</p>	10	61430 9	1 6385 00	1	
	15				
	20	61440 8	1 6385 02	1	
	25	61450 7	1 6385 03	1	
	32	61460 6	1 6385 04	1	
	40	65320 9	1 6385 05	1	
	50	65330 8	1 6385 06	1	
	65	65340 7	1 6385 07	1	
80	65350 6	1 6385 08	1		

Draining valves manufactured up to 2004

for pipe fittings and old models of inclined body valves




 <p>Draining valve with handle with Klingerit seal.</p>	8	00030 0	1 0270 09	1	
	10	00020 1	1 0270 00	1	
 <p>Sealing screw with Klingerit seal.</p>	8	00050 8	1 0272 09	1	
	10	00040 9	1 0272 00	1	

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Upper parts for straight body valves


 <p>Upper part for STRÖMAX-G shutoff valves.</p> <p>4215 G, 4215 AG, 4218 AGF</p>	15	62930 3	1 6387 52	1	
	20				
	25	62940 2	1 6387 53	1	
	32	62950 1	1 6387 54	1	
	40	62960 0	1 6387 55	1	
	50	62970 9	1 6387 56	1	
	65	62980 8	1 6387 57	1	
80	62990 7	1 6387 58	1		

Accessories

 <p>Sealing screw Dezincification-resistant brass with O-ring seal and external hex.</p>	8	02181 7	2 0273 09	10	
	10	02182 4	2 0273 00	10	
 <p>Draining valve with handle and swivelling hose connection Hose connection 1 6206 01 must be ordered separately.</p>	8	02220 3	1 0276 09	1	
	10	02230 2	1 0276 00	1	
 <p>Hose connection Nut and spigot.</p>	10	60010 4	1 6206 00	1	
	15	60020 3	1 6206 01	1	
	20	60030 2	1 6206 02	1	




Actuating drives for 2-point control*

Model	Operating voltage	EAN 90 04174	Order number	Sale Unit	€	
	HERZ actuating drive for 2-point control for floor heating circuit distributors and valves M 28 x 1.5, 2-point, also suitable for pulse-pause operation, 5 mm stroke, adapter M 28 x 1.5 colour red integrated, cable fixed, without limit switch. Closing force 100 N. Power consumption 1 watt.	NC	24 V/AC	76173 7	1 7708 52	1
	HERZ actuating drive for 2-point control for floor heating circuit distributors and valves M 28 x 1.5, 2-point, also suitable for pulse-pause operation, 5 mm stroke, adapter M 28 x 1.5 colour red integrated, cable fixed, without limit switch. Closing force 100 N. Power consumption 1 watt.	NC	230 V/AC	76174 4	1 7708 53	1
	HERZ actuating drive for 2-point control for floor heating circuit distributors and valves M 28 x 1.5, 2-point, also suitable for pulse-pause operation, 5 mm stroke, adapter M 28 x 1.5 colour red integrated, cable fixed, without limit switch. Closing force 100 N. Power consumption 1 watt.	NO	230 V/AC	76647 3	1 7708 24	1
	HERZ actuating drive for 2-point control for floor heating circuit distributors and valves M 28 x 1.5, 2-point, also suitable for pulse-pause operation, 5 mm stroke, adapter M 28 x 1.5 colour red integrated, cable fixed, with limit switch. Closing force 100 N. Power consumption 1 watt.	NC	230 V/AC	76106 5	17708 87	1


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Actuating drive for continuous control*







	HERZ actuating drive for continuous control M 28 x 1.5, 0..10 V, 5 mm stroke, adapter M 28 x 1.5 colour blue integrated, male connector, cable loose, without limit switch. Closing force 100 N, 1.2 watt.	NC	24 V/AC control signal 0 ... 10 V/DC	71827 4	1 7990 31	1
	HERZ actuating drive for continuous control M 28 x 1.5, 0..10 V, 6.5 mm stroke, adapter M 28 x 1.5 colour blue integrated, male connector, cable loose, without limit switch. Closing force 125 N, 1.2 watt with valve stroke detection.	NC	24 V/AC control signal 0 ... 10 V/DC	71826 7	1 7990 32	1

* For drives in combination with M 30 x 1.5 valves, the adapter 1 7708 86 or 1 7708 98 must be ordered separately.

Geared motors*

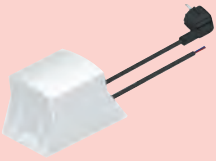
Model	Operating voltage	EAN 90 04174	Order number	Sale Unit	€	
	HERZ geared motor 3-point Adapter M 28 x 1.5 colour blue integrated, 24 V, stroke distance max. 8.5 mm, max. actuation force 200 N.	24 V/AC	76163 8	1 7708 40	1	
	HERZ geared motor 3-point Adapter M 28 x 1.5 colour blue integrated, 230 V, stroke distance max. 8.5 mm, max. actuation force 200 N.	230 V/AC	76165 2	1 7708 41	1	
	HERZ geared motor DDC 0-10 V Adapter M 28 x 1.5 colour blue integrated, 24 V, stroke distance max. 8.5 mm, max. actuation force 200 N.	24 V/AC control signal 0 ... 10 V/DC	76167 6	1 7708 42	1	
	HERZ geared motor DDC 0-10 V Adapter M 28 x 1.5 colour blue integrated, 24 V, stroke distance max. 8.5 mm, max. actuation force 200 N. With valve port detection and feedback channel.	24 V/AC control signal 0 ... 10 V/DC	01916 6	1 7708 46	1	

Adapter for actuating drives 7708, 7709, 7990*

Model	EAN 90 04174	Order number	Sale Unit	€
 Adapter for HERZ actuating drive, colour red Adapter M 28 x 1.5 for use with HERZ heating circuit distributors and HERZ valves (incl. 4002, 4006 and 7217-GV) in combination with all 2-point drives.	76783 7	1 7708 90	1	
 Adapter for HERZ actuating drive, colour blue Adapter M 28 x 1.5 for use with HERZ 4006/4002 and 7217 GV in combination with continuous drives 1 7990 3x and 1 7708 4x.	76861 3	1 7708 85	1	
 Adapter for HERZ actuating drive, colour grey Adapter M 30 x 1.5 for the use of: Oventrop thermostatic valves and stainless steel distributors Oventrop Cocon, Cocon4 Viega stainless steel distributor T&A TBV-CM, TBV-CMP.	76864 4	1 7708 86	1	
 Adapter for HERZ actuating drive, colour grey, tappet red Adapter M 28 x 1.5 for use with 7217-98-V, 7217-99-V.	76860 6	1 7708 80	1	
 Adapter for HERZ actuating drive, colour whitish-grey Adapter M 30 x 1.5 for use with HERZ valves with M 30 x 1.5. Threaded connection, HERZ control valves 7760, 7762 and 7763 and for Heimeier valves with M 30 x 1.5.	76862 0	1 7708 98	1	
 Adapter for HERZ actuating drive, colour dust grey, tappet yellow Adapter M 30 x 1.5 for use with HERZ plastic distributors.	02188 6	1 7708 82	1	



* Adapter selection table see HERZ data sheet 7708.

Transformer 230 V/24 V




	Transformer 230 V/24 V Input voltage 230 V~ Output voltage 24 V~ Perm. operating temperature 0°C to 50°C Output power 60 VA Protection class IP 30.	71881 6	1 7796 04	50	
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* For drives in combination with M 30 x 1.5 valves, the adapter 1 7708 86 or 1 7708 98 must be ordered separately.


Actuating drives

Model		Operating voltage	EAN 90 04174	Order number	Sale Unit	€
	HERZ actuating drives for 2-point control for floor heating M 28 x 1.5, 90 N, 2-point, pulse-pause, 4.5 mm stroke, tall adapter integrated.	NC	230 V/AC	76350 2	1 7711 01	1
	M 28 x 1.5, 115 N, 2-point, 4.5 mm stroke.	NC	230 V/AC	75160 8	1 7711 10	1
	M 28 x 1.5, 110 N, 2-point, 4.5 mm stroke.	NO	230 V/AC	76360 1	1 7711 11	1
	M 28 x 1.5, 115 N, 2-point, 4.5 mm stroke.	NC	24 V/AC/DC	76370 0	1 7711 12	1
	M 28 x 1.5, 110 N, 2-point, 4.5 mm stroke.	NO	24 V/AC/DC	76380 9	1 7711 13	1
	M 30 x 1.5, 115 N, 2-point, 4.5 mm stroke.	NC	230 V/AC	76390 8	1 7711 20	1
	M 30 x 1.5, 230 V, 110 N, 2-point, 4.5 mm stroke.	NO	230 V/AC	76400 4	1 7711 21	1
	M 30 x 1.5, 24 V, 115 N, 2-point, 4.5 mm stroke.	NC	24 V/AC/DC	76410 3	1 7711 22	1
	M 30 x 1.5, 24 V, 110 N, 2-point, 4.5 mm stroke.	NO	24 V/AC/DC	76420 2	1 7711 23	1


Auxiliary contact and connection plug for actuating drive NC/NO

	Auxiliary contact for actuating drive NC/NO, 230 V, 24 V, 5(2) A 1 7711 01-23. Cable length 2 m, dim. 0.5 x 4.	NC	230 V / AC	76430 1	1 7711 24	1
			24 V/AC/DC			
	Connection plug 0-10 V, for actuating drive 24 V. This connection plug makes the drive suitable for modular control. Cable length 2 m, dim. 0.22 x 3.	NO	230 V / AC	76431 8	1 7711 34	1
			24 V/AC/DC			
	Connection plug 0-10 V, for actuating drive 24 V. This connection plug makes the drive suitable for modular control. Cable length 2 m, dim. 0.22 x 3.	NC	0-10 V/DC	76440 0	1 7711 25	1
			0-10 V / DC			


Adapter tall model, for floor heating distributors

	Adapter tall model, for mounting on valves with threaded connection M 30 x 1.5. Dimension of the drive + 5 mm Closing dimension NC 4.5-18.5 mm NO 8.5-22.5 mm.		76450 9	1 7711 26	1
	As above, but with threaded connection M 28 x 1.5.		76451 6	1 7711 27	1




Standard adapter M 28 x 1.5 and M 30 x 1.5

	Replacement adapter for 7711 Threaded connection M 28 x 1.5.		01962 3	1 7711 28	1
	Replacement adapter for 7711 Threaded connection M 30 x 1.5.		01963 0	1 7711 29	1




Valve drives for 3-port valves, actuation force 500 N

Model	Operating voltage	EAN 90 04174	Order number	Sale Unit	€
	Valve drive with position controller for 3-port valves, 500 N Operated by heating controller for continuous or 2-point/3-point control. Selection of linear or equal percentage characteristic graph. Two-part body of self-extinguishing plastic. Bracket of plastic and union nut of brass for valve attachment. Operating direction switchable directly on the cable, automatic adaptation to the valve stroke. Coding switch for selection of the characteristic graph and operating time. Disengageable gearbox for positioning of the valve and manual adjustment. Installation vertical to horizontal, non-suspended.	24 V/AC	74810 3	1 7712 11	1
	Valve drive with position controller for 3-port valves, 500 N Operated by heating controller for 3-point control. Two-part body of self-extinguishing plastic. Bracket of plastic and union nut of brass for valve attachment. Disengageable gearbox for positioning of the valve and manual adjustment. Installation vertical to horizontal, non-suspended.	230 V/AC	74790 8	1 7712 50	1
	(Same description as above)	24 V/AC	74820 2	1 7712 51	1

Drives


Model	Operating voltage	EAN 90 04174	Order number	Sale Unit	€
	HERZ actuator for control valves 230 V AC Control: 2-point or 3-point Actuation force 500 N, stroke 8-20 mm Actuation time 7.5 s/mm, protection class IP 54 For drive and adapter selection, see the selection table on pages 270-271.	230 V/AC	023651	1 7712 28	1
	HERZ actuator for control valves 24 V AC/DC Control: 2-point, 3-point or continuous Actuation force 500 N, stroke 8-20 mm Operating range continuous 0 - 10 V with actuation feedback signal Actuation time 7.5 s/mm/15 s/mm, IP 54 Automatic adaptation to the stroke of the valve For drive and adapter selection, see the selection table on pages 270-271.	24 V/AC/DC	02366 8	1 7712 29	1
	HERZ actuator for control valves 230 V AC Control: 2-point or 3-point Actuation force 1000 N, stroke 20 mm Actuation time 6(12) s/mm s, IP 66 Two-colour LED display For drive and adapter selection, see the selection table on pages 270-271.	230 V/AC	02367 5	1 7712 30	1
	HERZ actuator for control valves 24 V AC/DC Control: 2-point, 3-point or continuous Actuation force 1000 N, stroke 20 mm Actuation time 6(4) s/mm s, IP 66 Operating range continuous 0 - 10 V/4-20 mA with actuation feedback signal Two-colour LED display Automatic adaptation to the stroke of the valve For drive and adapter selection, see the selection table on pages 270-271.	24 V/AC/DC	02368 2	1 7712 31	1
	HERZ actuator for control valves 24 V AC/DC Control: 2-point, 3-point or continuous Actuation force 2500 N, stroke 49 mm Actuation time 2/4/6 s/mm, IP 66 Two-colour LED display Automatic adaptation to the stroke of the valve. Operating voltage 230 V with 230 V module 1 7712 22 possible. For drive and adapter selection, see the selection table on pages 270-271.	24 V/AC/DC	02139 8	1 7712 21	1
	HERZ actuator for control valves 24 V AC/DC Control: 2-point, 3-point or continuous Actuation force 2500 N, stroke 49 mm Actuation time 2/4/6 s/mm, IP 66 Operating range continuous 0 - 10 V/4-20 mA with actuation feedback signal Two-colour LED display Automatic adaptation to the stroke of the valve Operating voltage 230 V with 230 V module 1 7712 22 possible. For drive and adapter selection, see the selection table on pages 270-271.	24 V/AC/DC	02369 9	1 7712 32	1

Accessories


Model	Operating voltage	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ adapter set for HERZ actuator Adapter set for the installation of HERZ actuators 1 7712 28/29 on HERZ control valves: F 4006 XX F 4035 XX F 4037 XX For drive and adapter selection, see the selection table on pages 270-271.</p>	-	02138 1	1 7712 20	1	
 <p>HERZ adapter set for HERZ actuator Adapter set for the installation of HERZ actuators 1 7712 30/31 on HERZ control valves: F 4006 XX F 4035 XX F 4037 XX For drive and adapter selection, see the selection table on pages 270-271.</p>	-	02142 8	1 7712 17	1	
 <p>HERZ adapter set for HERZ actuator Adapter set for the installation of HERZ actuators 1 7712 30/31 on HERZ control valves: F 4006 XX For drive and adapter selection, see the selection table on pages 270-271.</p>	-	02143 5	1 7712 18	1	

 <p>HERZ 230 V module 230 V module, pluggable, for HERZ actuators 1 7712 21/32.</p>	230 V/AC	02141 1	1 7712 22	1	
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Three-port mixing valve 2137 rotary drive

	<p>HERZ rotary drive for HERZ mixer 2137 Supply voltage 230 V AC Control: 2-point or 3-point, disengageable gearbox for positioning of the mixing valve and for manual adjustment, synchronous motor with control and shutoff electronics Torque 10 Nm, operating time 120 s Protection class IP 54 Suitable for all installation orientations.</p>	230 V/AC	02361 3	1 7712 25	1
	<p>HERZ rotary drive for HERZ mixer 2137 Supply voltage 24 V AC/DC Control: 2-point, 3-point or continuous Operating range continuous 0-10 V, disengageable gearbox for positioning of the mixing valve and for manual adjustment, synchronous motor with control and shutoff electronics Torque 10 Nm, operating time 35/60/120 s Characteristic graph type configurable on the drive, protection class IP 54 Suitable for all installation orientations.</p>	24 V/AC/DC	02364 4	1 7712 27	1


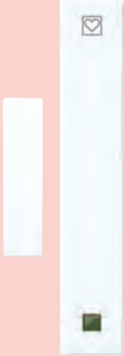



Two-port regulating ball valve 2117 rotary drive

	<p>HERZ rotary drive for HERZ mixer 2117 Supply voltage 230 V AC Control: 2-point or 3-point, disengageable gearbox for positioning of the ball valve and for manual adjustment, synchronous motor with control and shutoff electronics Torque 8 Nm, operating time 120 s Protection class IP 54 Installation vertical to horizontal, non-suspended.</p>	230 V/AC	02371 2	1 7712 33	1
	<p>HERZ rotary drive for HERZ mixer 2117 Supply voltage 24 V AC/DC Control: 2-point, 3-point or continuous Operating range continuous 0-10 V, disengageable gearbox for positioning of the ball valve and for manual adjustment, synchronous motor with control and shutoff electronics Torque 8 Nm, operating time 35/60/120 s Characteristic graph type configurable on the drive, protection class IP 54 Installation vertical to horizontal, non-suspended.</p>	24 V/AC/DC	02374 3	1 7712 35	1



Electronic room temperature control

Model		EAN 90 04174	Order number	Sale Unit	€
 <p>Electronic thermostatic head ETK (without radio receiver) The energy-saving controller for radiators controls the room temperature based on time. Setting range 5°C to 30°C Switching differential: 0.5 K Operation with batteries 2 x 1.5 V AA, LR 6 (batteries included), battery lifespan: approx. three years. Adapter M 30 x 1.5 for "H" and "D" must be ordered separately. (see page 30)</p>	84774 5	1 8250 10	1		


Room temperature regulation and radio receiver 868.3 MHz

 <p>Electronic thermostatic head ETKF+ including radio receiver 868.3 MHz The energy-saving controller for radiators controls the room temperature based on time. Freely-selectable day and week profiles and seven programmable temperature changes per day. Setting range 5° to 30°C Switching differential: 0.5 K Operation with batteries 2 x 1.5 V AA, LR 6 (batteries included), battery lifespan: approx. two years. Adapter M 30 x 1.5 for "H" and "D" (see page 30) must be ordered separately.</p>	84776 9	1 8251 01	1	
 <p>Wireless window contact for electronic thermostatic head (1 8251 01) The window contact serves for detecting the opening of a window. If the window contact has been linked to the wireless energy-saving controller, it automatically lowers the temperature in the room during the period of ventilation. The automatic lowering of the temperature while windows are open allows for saving on heating costs. Supply voltage: 3 V Battery operation: 2 x LR 03/Micro/AAA, (batteries included), battery lifespan: approx. five years. Unobstructed range: 100 m.</p>	84777 6	1 8251 02	1	
 <p>Wireless wall thermostat The remote control for electronic thermostatic heads (1 8251 01) for max. 8 units enables convenient and wireless adjustment of the room temperature. Integrated sensors measure the inside temperature in order to precisely maintain the configured comfortable temperature (to 0.5°C). Freely-selectable day and week profiles and seven programmable temperature changes per day. Display with easily-readable numbers. Battery operation: LR 03/Micro/AAA (batteries included), battery lifespan: approx. two years. Unobstructed signal range: 100 m.</p>	84778 3	1 8251 03	1	
 <p>LAN gateway to ETKF+ via internet and mobile network For remote control of the ETKF+ components via smartphone apps. 50 devices controllable in max. 10 rooms. Power supply: 230 V-USB-powered Connection: RJ-45 (Ethernet) Unobstructed signal range: 100 m.</p>	01807 7	1 8251 05	1	
 <p>Wireless ECO Sensor+ Energy-saving sensor for lowering the configured comfortable temperature upon leaving of the home. Battery operation: 2 x LR03 Micro/AAA (batteries included), battery lifespan: approx. five years. Unobstructed signal range: 100 m.</p>	01808 4	1 8251 06	1	


Room temperature regulation and radio receiver 433.92 MHz

Model		Operating voltage	EAN 90 04174	Order number	Sale Unit	€
	<p>Digital wireless control system with 7 day timer Room temperature controller (transmitter) with digital display of the room temperature and operating mode and receiver with coded transmission signal, with timer for week program. Switch with three positions for heating/night lowering/off, LED operating display on the receiver for heating/operating mode/signal reception Transmitter: Battery operation 3 x 1.5 V, AA LR 6 (batteries included), battery lifespan approx. three years, setting range 5°C to 30°C Frequency 433.92 MHz Signal range 50 m Protection class IP 30 Receiver: Power supply 230 V~/12 A. Protection class IP 44 Switch for manual or automatic operation</p>	230 V/AC	99949 9	3 F799 06	1	
	<p>Analogue wireless control system Room temperature controller (transmitter) with analogue display and receiver with coded transmission signal. Switch with three positions for heating/night lowering/off, LED operating display on the receiver for heating/operating mode/signal reception Transmitter: Battery operation 2 x 3 V, CR 2430 (batteries included), battery lifespan approx. two years, setting range 5°C to 30°C Frequency 433.92 MHz Signal range 40 m Protection class IP 30 Receiver: Power supply 230 V~/12 A. Protection class IP 44 Switch for manual or automatic operation</p>	230 V/AC	99947 5	3 F799 04	1	



Electronic wireless control thermostat 868 MHz

	<p>Wireless thermostat TP155 with 7 day program The room thermostat automatically maintains the temperature at the configured setpoint. The room temperature can be individually adjusted via a week program. The signal is transmitted by radio to the receiver 3 F800 16 and controls the assigned heating circuits. Multiple heating circuits can be assigned. The programmed room temperature can be modified at any time by hand with the control knob. Battery operation 2 x AA, 1.5 V alkaline battery (batteries included), battery lifespan approx. one year, temperature range +6°C to +40°C, Frequency 868 MHz, white plastic body, W x H x D 65 x 88 x 20 mm.</p>	2 x 1.5 V	9999 63	3 F800 55	1	
	<p>Wireless thermostat TP150 The room thermostat automatically maintains the temperature at the configured setpoint. The signal is transmitted by radio to the receiver 3 F800 16 and controls the assigned heating circuits. Multiple heating circuits can be assigned. The room temperature can be changed or adjusted with the control knob. Battery operation 2 x AA, 1.5 V alkaline battery (batteries included), battery lifespan approx. one year, temperature range +6°C to +40°C, Frequency 868 MHz, white plastic body, W x H x D 65 x 88 x 20 mm.</p>	2 x 1.5 V	99995 6	3 F800 50	1	




Electronic radio receiver 868 MHz

	<p>Radio receiver Radio receiver for controlling the thermal actuators of panel heating systems with up to 16 heating circuits. One thermal actuator can be connected per heating circuit. The operating state is indicated by LED. For the reception of radio signals from the room temperature controllers TP150 and TP155 to the assigned heating circuits. A boiler pump controller can be integrated with another installed relay. The relays are actuated as necessary when the operating state of an activated channel changes. Electrical connection 230 V~, 50 Hz, max. current consumption 1.8 A, output voltage 24 V DC, frequency 868 MHz, signal range approx. 100 m in open terrain, white plastic body, temperature range +6°C to +40°C W x H x D 400 x 100 x 60 mm, protection class IP 30 (EN 60529).</p>	230 V/AC	99994 9	3 F800 16	1	
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Room temperature controllers





Model	Operating voltage	EAN 90 04174	Order number	Sale Unit	€
 <p>Mechanical room thermostat, without timer, analogue setting of room temperature setpoint 5°C to 30°C, 230 V~, 50 Hz. Output: two or three contacts (changeover), 230 V~, 10 (3) A protection class IP 30.</p>	230 V/AC	99953 6	3 F791 00	1	
 <p>Electronic room thermostat One changeover contact Setpoint range 10–30°C Switching differential ±0.2 K fixed</p>	230 V/AC	71840 3	1 7790 15	1	



Electronic room temperature controller for 2-point or pulse control with timer

 <p>Electronic room temperature controller for individual control with programmable times and temperatures. Timer with week and year program, automatic switching of daylight saving time. Setpoint range 8–38°C. Switching differential as 2-point controller 0.4–8 K. Measurement precision 0.3 K at 20°C.</p>	230 V/AC	74190 6	1 7791 23	1	
 <p>Digital clock thermostat with 7 day program Setting range for day and night temperature 5°C to 35°C Nine fixed and four variable programs for the user Operation with batteries 3 x 1.5 V AA, LR6 (batteries included), battery lifespan approx. three years Switching differential 0.4 K Output 8 A Protection class IP 30.</p>	3 x 1.5 V	75201 8	1 7795 01	1	
 <p>Clock thermostat with analogue timer Timer with 7 day program, setting range for day and night temperature 5°C to 35°C, interval 15 minutes, battery operation with two batteries LR6, AA, 1.5 V (batteries included), battery lifespan approx. two years Timer with three positions for day mode/night lowering/timer (☀️ 🌙 🌅) Output 5 (3) A Protection class II, IP 30.</p>	2 x 1.5 V	75202 5	1 7795 02	1	





Room temperature control

Model	Operating voltage	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ Comfort climate controller Electronic room thermostat for fan coil Operating voltage 230 V Setpoint configurable 5°C to 35°C ON/OFF switch Switch with three speeds Switching differential 0.6 K Protection class IP 30 Output max. 250 V~, 6 A</p>	230 V/AC	75205 6	1 7795 05	1	







 <p>Electronic room thermostat Heating, lowering, freeze protection function Setting range 10°C to 28°C, switching differential 0.5 K Lowering 2 K; measuring element: NTC Ambient temperature: 0°C to 50°C; ambient humidity: 5 to 80% Installation: wall or flush box Protection class: 24 V – III (EN 60730) 230 V – II (EN 60730)</p>	230 V/AC	01924 1	3 F799 11	1	
	24 V/AC	01925 8	3 F799 12	1	
 <p>Electronic room thermostat including cooling Heating/cooling, lowering, freeze and valve protection function, cooling block Setting range 10°C to 28°C, switching differential 0.5 K Lowering 2 K; measuring element: NTC Ambient temperature: 0°C to 50°C; ambient humidity: 5 to 80% Installation: wall or flush box Protection class: 24 V – III (EN 60730) 230 V – II (EN 60730)</p>	230 V/AC	01926 5	3 F799 13	1	
	24 V/AC	01927 2	3 F799 14	1	
 <p>Electronic room thermostat with display Heating, lowering, freeze protection function Setting range 5°C to 30°C; switching differential 0.2 K Lowering 2K or configurable; measuring element: NTC Ambient temperature: 0°C to 50°C; ambient humidity: 5 to 80% Installation: wall or flush box Protection class: 24 V – III (EN 60730) 230 V – II (EN 60730)</p>	230 V/AC	01928 9	3 F799 15	1	
	24 V/AC	01929 6	3 F799 16	1	
 <p>Electronic room thermostat with display incl. cooling Heating/cooling, lowering, freeze and valve protection function, cooling block, programmable time program Setting range 5°C to 30°C; switching differential 0.2 K Lowering 2K or configurable; measuring element: NTC Ambient temperature: 0°C to 50°C; ambient humidity: 5 to 80% Installation: wall or flush box Protection class: 24 V – III (EN 60730) 230 V – II (EN 60730)</p>	230 V/AC	01932 6	3 F799 17	1	
	24 V/AC	01933 3	3 F799 18	1	

 <p>Electrical distributor Heating and lowering Zones 6; time channels/lowering 2 Ambient temperature: 0°C to 50°C; Ambient humidity: < 80% Wall installation or DIN rail Protection class: IP 20 (EN 60529) Protection class: 24 V – III (EN 60730) 230 V – II (EN 60730)</p>	230 V/24 V/AC	01919 7	3 F798 02	1	
 <p>Electrical distributor incl. cooling Heating/cooling, lowering and pump control Zones 10; time channels/lowering 2 Ambient temperature: 0°C to 50°C; ambient humidity: < 80% Wall installation or DIN rail Protection class: IP 20 (EN 60529) Protection class: 24 V – III (EN 60730) 230 V – II (EN 60730)</p>	230 V/AC	01922 7	3 F798 03	1	
	24 V/AC	01923 4	3 F798 04	1	


Controllers

Model	Operating voltage	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ microprocessor controller XF-5000 for the control and regulation of building systems such as heating, cooling, ventilation and room climate control systems. Freely-programmable controller for processing analogue and digital input and output signals.</p> <p>4 analogue inputs 0/4–20 mA 4 analogue inputs 0/2–10 V 5 analogue Pt1000 inputs 8 digital inputs 24 V DC, optically decoupled 4 analogue outputs 0–10 V 8 digital outputs 4 relays + 4 solid state relays MBUS communications port RS232/ RS485 or Ethernet communication USB communication for PC Pre-programmed for variants:</p> <ul style="list-style-type: none"> - Transformer stations in direct or indirect district heating grids - Transformer station for sanitary warm water with hot water tanks heated by electricity or by heating water - Ventilation or room climate control systems <p>Voltage 230 V AC/24 V AC +/- 10%, 50 Hz. Electrical output max. 15 W Ambient temperature 0–50°C Protection class IP 40 Installation on DIN rail 35 mm Optional accessories must be ordered separately:</p> <ul style="list-style-type: none"> - Operating unit with LCD screen F 7793 31 or - Operating unit for remote adjustment F 7793 61. 	230 V/AC	85083 7	F 7793 50	1	
 <p>Operating unit with LCD screen for HERZ microprocessor controller XF-5000, 6-line, resolution 128 x 64 pixels and 4-button programming field directly installed on the controller.</p>		85039 4	F 7793 31	1	
 <p>Operating unit XF-OP1 for remote adjustment for HERZ microprocessor controller XF-5000, wired, range up to 2 m.</p>		85040 0	F 7793 61	1	
 <p>HERZ microprocessor controller F-100 for control based on outside temperature. Pre-programmed controller for the connection of up to two heating circuits with 3-point geared motors or one heating circuit with additional hot water supply. Communication via RS 485. Integration into SCADA building control system via MODBUS protocol.</p> <p>4 analogue Pt1000 inputs 6 digital outputs SSR 240 V/3 A 2 digital inputs Ambient temperature 0–70°C Protection class IP 40.</p>		85055 4	F 7793 70	1	




Expansion module

Model		EAN 90 04174	Order number	Sale Unit	€
 <p>XDU 4.1 8 Digital outputs 8 (DO) 24VDC</p>	<p>HERZ expansion module XDI for microprocessor controller XF-5000. Expansion with eight digital input signals for building systems such as heating, cooling, ventilation and room climate control systems. 8 digital inputs</p> <p>Operating voltage 24 V AC +/- 10% Supply voltage for inputs 24 V DC Max. current consumption 5 mA Connection of max. 3 modules.</p>	85041 7	F 7793 32	1	
 <p>XAI 4.1 4 NTC Analog inputs</p>	<p>HERZ expansion module XAI 4.1 for microprocessor controller XF-5000. Expansion with nine analogue input signals for building systems such as heating, cooling, ventilation and room climate control systems. 5 inputs PT 1000 4 inputs NTC, 2.2 kOhm at 25°C Scanning rate 12 bit Connection of max. one module.</p>	85042 4	F 7793 34	1	
 <p>XAI 4.2 4 NTC Analog inputs</p>	<p>HERZ expansion module XAI 4.2 for microprocessor controller XF-5000. Expansion with nine analogue input signals for building systems such as heating, cooling, ventilation and room climate control systems. 5 inputs PT 1000 4 inputs 0/4–20 mA Scanning rate 12 bit Connection of max. one module.</p>	85043 1	F 7793 35	1	
 <p>XAI 4.3 4 NTC Analog inputs</p>	<p>HERZ expansion module XAI 4.3 for microprocessor controller XF-5000. Expansion with nine analogue input signals for building systems such as heating, cooling, ventilation and room climate control systems. 5 inputs PT 1000 4 inputs 0/2–10 V Scanning rate 12 bit Connection of max. one module.</p>	85044 8	F 7793 36	1	
 <p>XDI 4.1 8 Digital outputs 8 (DO) 24VDC</p>	<p>HERZ expansion module XDO for microprocessor controller XF-5000. Expansion with eight digital output signals for building systems such as heating, cooling, ventilation and room climate control systems. 8 relay outputs Output power max. 8 A Connection of max. one module.</p>	85045 5	F 7793 38	1	
	<p>HERZ expansion module for microprocessor controller. Expansion for remote parameterisation/remote diagnosis and alerting, data transmission via broadband connection established via a router and the local network (LAN). Alternative communication mode via mobile network (GSM), frequency 900/1800 MHz.</p>	84047 9	F 7793 40	1	

Room temperature sensor


Model		EAN 90 04174	Order number	Sale Unit	€
	Room temperature sensor with potentiometer for measurement and setting of the room temperature. Output of the values to the microprocessor controller F 7793 50. Measurement via Pt1000 sensor Measuring range -20°C to +60°C Setting range +10°C to +30°C Protection class IP50.	85035 6	F 7791 01	1	
	As above, but only for measurement of the temperature	85036 3	F 7791 02	1	
	As above, but only for setting the temperature	85037 0	F 7791 03	1	

Temperature sensors



Model		Sensor length	EAN 90 04174	Order number	Sale Unit	€
	HERZ temperature sensor for installation in pipes, threaded connection G 1/2", passive temperature measurement via thermistor, Pt1000, temperature range -50°C to +160°C Protection class IP65, nominal pressure PN 16.	120 mm	85048 6	F 7793 41	1	
		225 mm	85049 3	F 7793 42	1	
		300 mm	85050 9	F 7793 43	1	
		375mm	85051 6	F 7793 44	1	
	HERZ temperature sensor for installation in ventilation ducts, temperature range -50°C to +160°C Protection class IP65.	240 mm	85052 3	F 7793 51	1	
		392 mm	85053 0	F 7793 52	1	
	Outside temperature sensor, measurement via Pt1000 sensor Temperature range -50°C to +90°C Protection class IP65.		85054 7	F 7793 60	1	





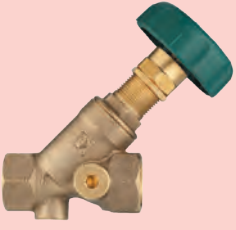
Circulation temperature limiters

Model		Temperature	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4011</p>	<p>HERZ circulation temperature limiter Thermostatic balancing valve for hot water service water circulation lines with circulating pump, in the form of a proportional regulator without auxiliary power. Inclined body, brass version, body and water-carrying parts of dezincification-resistant special brass. Threaded socket according to ISO 7/1 (Rp), model with two thermostats. kvs = 0.45 m³/h The thermostat closes the valve upon reaching the temperature except for a leakage water quantity. Upon reaching the 70°C temperature (legionella prevention), the valve is opened by the second thermostat. Socket x socket, additional compression cone for 15 mm copper pipe, compression adapter 1 6292 01 must be ordered separately. Compliance with ÖNORM B 5019 must be ensured during installation.</p>	52/70	15	43790 8	2 4011 01	20	
		52/70	20	43800 4	2 4011 02	20	
		55/70	15	43795 3	2 4011 11	20	
		55/70	20	43805 9	2 4011 12	20	
		58/70	15	40650 8	2 4011 17	20	
		58/70	20	40660 7	2 4011 18	20	

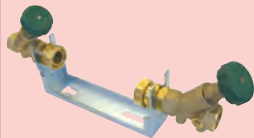
Circulation temperature limiters

Model		kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4010</p>	<p>HERZ circulation temperature limiter Thermostatic balancing valve for drinking water circulation temperature limiting with circulating pump, in the form of a proportional regulator without auxiliary power. Inclined body, brass version, body and water-carrying parts of dezincification-resistant brass. Threaded socket according to ISO 7/1 (Rp). Factory setting 52°C, secured against over-temperature up to 90°C. The thermostat element presses the valve cone closed with rising temperature, and with falling temperature the valve cone is opened by an opening spring against the thermostat element. Compression adapters 1 6292 01 for 15 mm copper pipe, and 1 6092 01 for 16 x 2.0 mm plastic pipe must be ordered separately. ÖNORM B 5019 must be observed during installation of article 4010.</p>	0.4	15	44200 1	2 4010 51	10	
		0.4	20	44210 0	2 4010 52	10	
 <p>4010</p>	<p>HERZ circulation temperature limiter HERZ circulation temperature limiter, inclined body in brass version, shutoff and draining possible, with quick test point for pressure transducers for freely-selected arrangement, one hole with sealing cap, body and water-carrying parts of dezincification-resistant brass. Cone, valve seat, shutoff spindle, springs and guide parts of non-rusting chromium-nickel steel. EPDM O-rings of physiologically-safe material. Threaded socket according to ISO 7/1 with ball valve. ÖNORM B 5019 must be observed during installation of article 4010.</p>	0.4	15	44940 6	2 4010 41	10	
		0.4	20	44960 4	2 4010 42	10	


Commissioning valve for hydraulic balancing in drinking water systems

Model		kvs	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>4017 MW</p>	HERZ commissioning valve with metering station for drinking water systems Commissioning valves with metering station for drinking water systems, inclined body, non-rising spindle – socket x socket, of brass, labelling “DR”, brass version – pre-setting lockable and easily reproducible, digital display of the pre-setting level in the hand wheel window – for regulation of lines with the help of differential pressure measurement – threaded sockets on both sides, compression adapters for the connection of calibrated soft steel, copper or plastic pipes are available (DN 15 and DN 20). Spindle sealing via double O-ring – two test points for differential pressure measurement situated on the metering station and installed. Test points in extended design available as accessories. Seals made of physiologically-safe material. Max. operating temperature 85°C Max. operating pressure 20 bar.	0.46	15 LF	40730 7	2 4017 00	10	
		0.88	15 MF	40737 6	2 4017 09	10	
		2.00	15	40731 4	2 4017 01	10	
		3.60	20	40732 1	2 4017 02	10	
		6.50	25	40733 8	2 4017 03	10	
		13.30	32	40734 5	2 4017 04	5	
		18.50	40	40735 2	2 4017 05	5	
		33.00	50	40736 9	2 4017 06	5	
 <p>4117 MW STRÖMAX-MW</p>	STRÖMAX-MW commissioning valve with inclined body and threaded sockets, with test points, Rp (female thread) Dezincification-resistant brass, brass version, two test points 0284 installed. Threaded sockets on both sides according to ISO 7/1. Draining possible, draining valves must be ordered separately. The valve flow is determined at the test points via differential pressure measurement. The valve pre-setting is accomplished via stroke limitation via an external presetting sleeve. The rising valve spindle is securely and durably sealed with an O-ring. Seals made of physiologically-safe material.	4.75	15	43380 1	2 4117 51	5	
		6.12	20	43390 0	2 4117 52	5	
		10.40	25	43400 6	2 4117 53	5	
		15.97	32	43410 5	2 4117 54	5	
		23.50	40	43420 4	2 4117 55	1	
		47.89	50	43430 3	2 4117 56	1	
 <p>4117 RW STRÖMAX-RW</p>	STRÖMAX-RW commissioning valve with inclined body and threaded sockets, without test points, Rp (female thread) Dezincification-resistant brass, brass version. Threaded sockets on both sides according to ISO 7/1, Draining possible, draining valves must be ordered separately. The valve pre-setting is accomplished via stroke limitation via an external presetting sleeve. The rising valve spindle is securely and durably sealed with an O-ring. Seals made of physiologically-safe material.	4.75	15	43440 2	2 4117 61	5	
		6.12	20	43450 1	2 4117 62	5	
		10.40	25	43460 0	2 4117 63	5	
		15.97	32	43470 9	2 4117 64	1	
		23.50	40	43480 8	2 4117 65	1	
		47.89	50	43490 7	2 4117 66	1	

Water flow meter connection valves

Model	min. l/s	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ water flow meter fitting according to ÖNORM B 2535 Water flow meter installation fitting consisting of an open, galvanised sheet steel bracket. - Shutoff valve before the water flow meter. - Backflow preventer after the water flow meter.</p>	1.00	20	45130 0	2 4126 62	1	
	1.75	25	45100 3	2 4126 63	1	
	3.00	32	45140 9	2 4126 64	1	
	4.00	40	45150 8	2 4126 65	1	
	6.75	50	45160 7	2 4126 66	1	

Backflow preventer

 <p>HERZ backflow preventer Dezincification-resistant brass, brass version, DN 15 - DN 20: three holes 1/4, DN 25 - DN 50: four holes 1/4, all of which are sealed with a sealing screw 2 0273 09. Threaded sockets on both sides according to ISO 7/1. Draining possible, draining valves must be ordered separately. Non-rising spindle, spindle sealing via elastic double O-ring, upper part sealed via O-ring seal in the body. Seals made of physiologically-safe material. Volumetric flow class V_B, valve group I, according to ÖNORM EN 1213.</p>	0.42	15	45130 0	2 4126 01	5	
	1.00	20	45110 2	2 4126 02	5	
	1.75	25	45120 1	2 4126 03	5	
	3.00	32	45460 8	2 4126 04	5	
	4.00	40	45470 7	2 4126 05	1	
	6.75	50	45480 6	2 4126 06	1	







Shutoff valves for drinking water systems with non-rising spindle, inclined body

Model	min. l/s	DN	EAN 90 04174	Order number	Sale Unit	€
<p>4125 AWD STRÖMAX-AWD</p>	0.5	15	42780 0	2 4125 71	5	
	1.0	20	42790 9	2 4125 72	5	
	1.75	25	42800 5	2 4125 73	5	
	3.0	32	42810 4	2 4125 74	5	
	4.0	40	42820 3	2 4125 75	5	
	6.75	50	42830 2	2 4125 76	5	
	11.0	65	42840 1	2 4125 77	1	
	16.0	80	42850 0	2 4125 78	1	
<p>4125 WD STRÖMAX-WD</p>	0.5	15	44510 1	2 4125 61	5	
	1.0	20	44520 0	2 4125 62	5	
	1.75	25	44530 9	2 4125 63	5	
	3.0	32	44540 8	2 4125 64	5	
	4.0	40	44550 7	2 4125 65	5	
	6.75	50	44560 6	2 4125 66	5	
	11.0	65	44570 5	2 4125 67	1	
	16.0	80	44580 4	2 4125 68	1	





Shutoff valves for drinking water systems with rising spindle, inclined body

<p>4115 AW STRÖMAX-AW</p>	0.25	10	42690 2	2 4115 00	10	
	0.5	15	42700 8	2 4115 11	10	
	1.0	20	42710 7	2 4115 12	10	
	1.75	25	42720 6	2 4115 13	10	
	3.0	32	42730 5	2 4115 14	5	
	4.0	40	42740 4	2 4115 15	5	
	6.75	50	42750 3	2 4115 16	5	
	11.0	65	42760 2	2 4115 17	1	
<p>4115 W STRÖMAX-W</p>	0.5	15	44430 2	2 4115 01	10	
	1.0	20	44440 1	2 4115 02	10	
	1.75	25	44450 0	2 4115 03	10	
	3.0	32	44460 9	2 4115 04	5	
	4.0	40	44470 8	2 4115 05	5	
	6.75	50	44480 7	2 4115 06	5	
	11.0	65	44490 6	2 4115 07	1	
	16.0	80	44500 2	2 4115 08	1	



Shutoff valve, straight body

Model	min. l/s	DN	Pipe Ø mm	EAN 90 04174	Order number	Sale Unit	€
  <p>4215 AW</p>	<p>HERZ straight body shutoff valve, straight model with socket x male thread + soldered screw connection</p> <p>Drilled on both sides, one plug installed, of dezincification-resistant brass, brass version, seal (of physiologically-safe material). Volumetric flow class VA, ÖNORM EN 1213. Max. operating temperature: 90°C. Max. operating pressure: 10 bar. Max. differential pressure on closed valve: 10 bar. Accessories: 2 0275 09. Filling and draining valve must be ordered separately.</p>						
	0.20	15	15	46030 2	2 4215 11	10	
  <p>4215 AW</p>	<p>HERZ straight body shutoff valve, straight model with male thread x male thread + soldered screw connection</p> <p>Drilled on both sides, one plug installed, of dezincification-resistant brass, brass version Seal (of physiologically-safe material). Volumetric flow class VA, ÖNORM EN 1213. Max. operating temperature: 90°C. Max. operating pressure: 10 bar. Max. differential pressure on closed valve: 10 bar. Accessories: 2 0275 09. Filling and draining valve must be ordered separately.</p>						
	0.20	15	15	46060 9	2 4215 21	10	
	0.40	20	18	46070 8	2 4215 22	10	
  <p>4215 AW</p>	<p>HERZ straight body shutoff valve, straight model with socket x socket</p> <p>Drilled on both sides, one plug installed, of dezincification-resistant brass, brass version. Volumetric flow class VA, ÖNORM EN 1213. Max. operating temperature: 90°C. Max. operating pressure: 10 bar. Max. differential pressure on closed valve 10 bar. Accessories: 2 0275 09. Filling and draining valve must be ordered separately.</p>						
	0.20	15	15	46080 7	2 4215 31	10	
	0.40	20	20	46090 6	2 4215 32	10	
	0.70	25	25	46100 2	2 4215 33	10	
	1.20	32	32	46110 1	2 4215 34	5	
1.60	40	40	46120 0	2 4215 35	5		
2.70	50	50	46130 9	2 4215 36	5		


Shutoff valve, straight body without draining

  <p>4215 W</p>	<p>HERZ straight body shutoff valve, straight model with socket x socket without draining</p> <p>Without hole, of dezincification-resistant brass, brass version Volumetric flow class VA, ÖNORM EN 1213 Max. operating temperature 90°C. Max. operating pressure: 10 bar. Max. differential pressure on closed valve: 10 bar.</p>						
	0.20	15	15	46140 8	2 4215 41	10	
	0.40	20	20	46150 7	2 4215 42	10	
	0.70	25	25	46160 6	2 4215 43	10	
	1.20	32	32	46170 5	2 4215 44	5	
	1.60	40	40	46180 4	2 4215 45	5	
2.70	50	50	46190 3	2 4215 46	5		
  <p>4215 W</p>	<p>HERZ straight body shutoff valve, straight model with socket x male thread without draining</p> <p>Without hole, of dezincification-resistant brass, brass version Volumetric flow class VA, ÖNORM EN 1213 Max. operating temperature 90°C. Max. operating pressure: 10 bar. Max. differential pressure on closed valve: 10 bar.</p>						
0.20	15	20	46260 3	2 4215 61	10		



Flush ball valves

Model	PN	Dim.	EAN	Order number	Sale Unit	€
 <p>Flush ball valve with Female thread Forged brass body according to EN 12165, seals of PTFE and EPDM, spindle sealing with O-ring. Temperature range from -10°C to +90°C (briefly 110°C).</p>	16	15	3830002826691	1 2202 01	50	
	16	20	3830002826707	1 2202 02	50	
 <p>Flush ball valve with lever Forged brass body according to EN 12165, seals of PTFE and EPDM, spindle sealing with O-ring. Temperature range from -10°C to +90°C (briefly 110°C).</p>	16	15	3830002826714	1 2202 11	50	
	16	20	3830002826721	1 2202 12	50	




Flush ball valves with press connection

Model	PN	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>Flush ball valve with lever and press connection Body of dezincification-resistant brass. All parts made of materials approved for potable water. Press fitting THU not sealed when not compressed.</p>	16	16 x 2.0	21400 4	T 7216 63	20	
		20 x 2.0	21412 7	T 7220 63	20	
		26 x 3.0	21428 8	T 7226 63	15	

Ball valves

Model	PN	DN	EAN	Order number	Sale Unit	€
 <p>Ball valve with green lever handle, DZR, flushing behind ball Body of forged dezincification-resistant brass according to EN 12165, seals made of physiologically-safe materials. Free of dead space by flushing behind the ball, with wear-resistant seat seal. Spindle sealing with O-ring. Temperature range to 85°C.</p>	25	15	3830002829593	2 2100 01	10	
	25	20	3830002829609	2 2100 02	10	
	25	25	3830002829616	2 2100 03	5	
	25	32	3830002829623	2 2100 04	5	
	25	40	3830002829630	2 2100 05	1	
	25	50	3830002829647	2 2100 06	1	
 <p>Ball valve with green T-handle, DZR, flushing behind ball Body of forged dezincification-resistant brass according to EN 12165, seals made of physiologically-safe materials. Free of dead space by flushing behind the ball, with wear-resistant seat seal. Spindle sealing with O-ring. Temperature range to 85°C.</p>	25	15	3830002829869	2 2100 11	25	
	25	20	3830002829876	2 2100 12	25	
	25	25	3830002829883	2 2100 13	16	
	25	32	3830002829890	2 2100 14	16	






Ball valves

  <p>Ball valve with T-handle and backflow preventer, 2 x socket, Body of forged dezincification-resistant brass according to EN 12165, brass version, seals of PTFE and EPDM, spindle seals with O-ring, spring-loaded backflow preventer of plastic installed. Suitable for medium temperatures from -10°C to +85°C.</p>	16	15	3830002829524	2 2110 01	10	
	16	20	3830002829425	2 2110 02	10	
 <p>As above, but model with lever handle</p>	25	15	3838963426608	2 2110 11	25	
	25	20	3838963426615	2 2110 12	25	

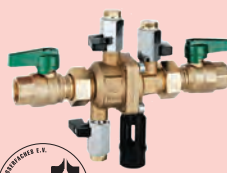

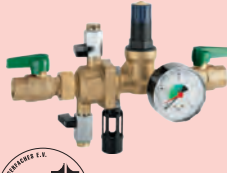




Pressure reducers

Model	PN	DN	EAN	Order number	Sale Unit	€
 <p>Membrane pressure reducer Compact shape, body of dezincification-resistant brass, cap of transparent plastic. Filter key and manometer included. Temperature range from 0°C to 40°C, operating pressure to 16 bar, setting range from 0.5 to 6 bar, stainless steel strainer mesh with 0.3 mm mesh width.</p>	16	15	3838963424864	1 2682 11	1	
	16	20	3838963424871	1 2682 12	1	
	16	25	3838963424888	1 2682 13	1	
	16	32	3838963425007	1 2682 14	1	
	16	40	3838963425014	1 2682 15	1	
	16	50	3838963425021	1 2682 16	1	
 <p>As above, but with cap of brass, temperature range from 0°C to 70°C.</p>	16	15	3838963425052	1 2682 21	1	
	16	20	3838963425069	1 2682 22	1	
	16	25	3838963425076	1 2682 23	1	
	16	32	3838963425083	1 2682 24	1	
	16	40	3838963425090	1 2682 25	1	
	16	50	3838963425106	1 2682 26	1	
 <p>Filter key for removing the cap of the membrane pressure reducer</p>			3838963426134	1 2682 27	1	
 <p>Replacement filter for membrane pressure reducer DN 15 - DN 25</p>			3838963426103	1 2682 28	1	
			3838963426349	1 2682 29	1	
 <p>Plastic cap Replacement cap for membrane pressure reducer DN 15 - DN 25</p>			3838963426127	1 2682 30	1	
			3838963426547	1 2682 31	1	
 <p>Brass cap Replacement cap for membrane pressure reducer DN 15 - DN 25</p>			3838963426141	1 2682 32	1	
			3838963427759	1 2682 33	1	
 <p>Manometer for the membrane pressure reducer</p>			3838963426110	1 2682 34	1	


Drain valves

Model	PN	Dim.	EAN	Order number	Sale Unit	€
 <p>Water ball valve with spigot and lever Forged brass body, nickel-plated, seals of PTFE and NBR. Suitable for use in horticultural, hydro and sanitary systems. Temperature range from 0°C to +90°C.</p>	16	15	3830002827230	1 2503 01	10	
	16	20	3830002827247	1 2503 02	50	
 <p>Brass, chrome-plated, outlet with strainer mesh, outlet spacing 95 mm.</p>		15	3838963600527	UH10052	50	
 <p>Brass, chrome-plated, hose connection, outlet spacing 95 mm.</p>		15	3838963601517	UH10151	50	
 <p>Brass, chrome-plated, hose connection, outlet spacing 30 mm.</p>		15	3838963601524	UH10152	50	
 <p>Brass, chrome-plated "S" outlet Ø 18, distancing outlet elbow 185 mm.</p>		15	3838963552512	UH05251	12	



System separators

Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ system separator combination type BA according to DIN EN 1717, consisting of system separator, test valves and maintenance shutoffs, forged brass body, chrome-plated bar brass test valves. Nominal pressure PN 10 Max. operating temperature 65°C, briefly 80°C, medium: water.</p> 	15	68500 2	0303 01	1	
	20	68501 9	0303 02	1	
 <p>HERZ system separator refilling combination type BA according to DIN EN 1717, consisting of system separator, test valves and maintenance shutoffs, pressure reducer and manometer, forged brass body, chrome-plated bar brass test valves. Nominal pressure PN 10 Max. operating temperature 65°C, briefly 80°C, medium: water.</p> 	15	68502 6	0305 01	1	
	20	68503 3	0305 02	1	
 <p>HERZ tap valve with integrated system separator type BA according to DIN EN 1717 for installation above a drain installation or outdoors (garden valve). Forged brass body, chrome-plated Nominal pressure PN 10 Max. operating temperature 65°C, briefly 80°C, medium: water.</p>	1/2 x 3/4	68504 0	0300 01	1	
	3/4 x 3/4	68505 7	0300 02	1	
	3/4 x 1	68506 4	0300 12	1	
 <p>HERZ system separator type BA according to DIN N 1717 for retrofitting of discharge valves even outdoors (garden valve). Strainer mesh to prevent dirt entry, locking screw and protective cap to prevent manipulation. Forged brass body, chrome-plated Nominal pressure PN 10 Max. operating temperature 65°C, briefly 80°C, medium: water.</p> 	3/4 x 3/4	68507 1	0302 02	1	
	1 x 3/4	68508 8	0302 03	1	
	1 x 1	68509 5	0302 13	1	



Testing device

 <p>HERZ testing device for the functionality of system separators Input pressure up to 10 bar and differential pressure to max. 1.5 bar, incl. plastic case Max. static pressure 25 bar Precision class 2.5.</p>	68530 9	0300 00	1	
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Refiller

 <p>HERZ heating refilling station, complete, consisting of system separator, pressure reducer, manometer and refilling unit with water flow meter for filling and operation of heating systems according to VDI2035 and ÖNORM H5195. With the mixture of selected ion exchange resins, the water is considerably softened and the pH value is raised to between 8.2 and 8.7 in the alkaline range. However, because corrosive ions such as chloride and sulphate are also removed, lasting corrosion protection is achieved even without chemical inhibitors. Forged brass body Max. operating pressure 6 bar Temperature max. 65°C.</p>	15	68510 1	0321 01	1	
	20	68512 5	0321 02	1	
 <p>HERZ refilling cartridge for heating refilling stations.</p>	–	68511 8	0321 10	1	
	3/4	68513 2	0322 00	1	


System separators

Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ system separator type BA according to DIN EN 1717. The system separator permits protection against non-potable water up to hazard class 4. Three-chamber system separator also for retrofitting into existing standpipes. Connections either FT or MT Nominal pressure PN 10 Max. temperature 65°C, briefly 80°C Medium water. Body of stainless steel (electropolished), brass connections, stainless steel spring. EPDM or POM seals.</p> 	1½ x 1½ FT x FT	68514 9	0307 01	1	
	1½ x 1½ FT x MT	68515 6	0307 02	1	
	1½ x 1½ MT x MT	68516 3	0307 03	1	
	1½ x 1½ MT x FT	68517 0	0307 04	1	
	2 x 2 FT x FT	68518 7	0307 05	1	
	2 x 2 FT x MT	68519 4	0307 06	1	
	2 x 2 MT x MT	68520 0	0307 07	1	
	2 x 2 MT x FT	68521 7	0307 08	1	
	1½ x 2 FT x FT	68522 4	0307 09	1	
	1½ x 2 FT x MT	68523 1	0307 10	1	
	1½ x 2 MT x MT	68524 8	0307 11	1	
	1½ x 2 MT x FT	68525 5	0307 12	1	
	2 x 1½ FT x FT	68526 2	0307 13	1	
	2 x 1½ FT x MT	68527 9	0307 14	1	
	2 x 1½ MT x MT	68528 6	0307 15	1	
2 x 1½ MT x FT	68529 3	0307 16	1		



Water filters

	HERZ filter for cold water Brass body, glass fibre-reinforced, transparent plastic cup, stainless steel cartridge 100 µm, max. temperature 30°C.	15	68561 3	0553 01	1	
		20	68562 0	0553 02	1	
		25	68578 1	0553 03	1	
	HERZ filter for warm water Brass body, stainless steel cartridge 100 µm, max. temperature 90°C.	15	68563 7	0554 01	1	
		20	68564 4	0554 02	1	
		25	68579 8	0554 03	1	
	Replacement filter for water filter 0553 0x and 0554 0x, stainless steel cartridge 30 µm.		01396 6	0554 08	1	
	As above, but 100 µm.		01397 3	0554 09	1	


Test points

Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ test point with drainage Brass version, cap green.</p>	1/4	02640 9	2 0284 20	1	



Sanitary safety valve

 <p>HERZ safety valve for sanitary systems, forged brass body, response pressure 6 bar, max. temperature 110°C. Connection with female thread.</p>	15	68531 6	1 0132 04	1	
 <p>HERZ safety valve for sanitary systems, forged brass body, response pressure 6 bar, max. temperature 110°C. Connection with male thread.</p>	15	68534 7	1 0132 14	1	


LEGIOFIX: Legionella protection

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-LEGIOFIX Independently-operating module without auxiliary power. Enables Legionella flushing/circulation according to ÖNORM B 5019 up to 6 m before every tapping point. Normal operation: bypass closed; flow through pre-set mixing valve; tap mixing temperature 55 degrees. Legionella flushing: bypass open; flow at disinfection temperature through the module. After completion of the flushing operation, automatic resetting to normal operation. All water-carrying parts of dezincification-resistant brass. White plastic cover included. Connection: 3/4".</p>	44950 5	2 4011 51	1	





Drinking water mixing valves

Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ drinking water mixing valve TMV with side mixing outlet 25 l/min at 3 bar water pressure, minimum water flow 4 l/min. Factory setting of the mixing temperature 38–48°C +/- 2 K.</p>	15	59950 7	2 7766 51	1	
 <p>HERZ drinking water mixing valve TMV 2 with bottom mixing outlet 42 l/min at 3 bar water pressure, minimum water flow 4 l/min. Factory setting of the mixing temperature 35-60°C +/- 2 K.</p>	15	59980 4	2 7766 54	1	

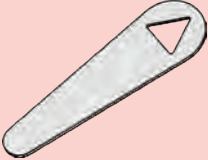
HERZ backflow preventer

Model	DN	EAN	Order number	Sale Unit	€
 <p>HERZ backflow preventer According to EN 1717, safety valve for preventing backflow, backpressure and back suction of contaminated water into buildings, into the supply line or into other system components. Medium water, body and water-carrying parts of dezincification-resistant brass. Operates silently and generates no hydraulic shock (pressure jolts). Two 1/4 openings for inspection.</p>	20	3830002829746	1 2623 02	25	
	25	3830002829753	1 2623 03	25	
	32	3830002829760	1 2623 04	16	


Accessories

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Sealing screw Brass version, dezincification-resistant brass with O-ring seal and external hex.</p>	1/4	02181 7	2 0273 09	10	
	3/8	02182 4	2 0273 00	10	
 <p>Draining valve Draining valve with handle, brass version, TW.</p>	1/4	02660 7	2 0275 09	20	
	3/8	02650 8	2 0275 00	20	
 <p>Draining valve with hose connection, G 1/4, TW cap green, brass version. Hose connection 1 6206 01 must be ordered separately.</p>	1/4	02490 0	2 0276 09	20	
	3/8	02480 1	2 0276 00	20	
 <p>Sampling valve according to ÖNORM B5019, ISO 19458, DIN 38402, DVGW Worksheet W 551 and VDI 6023 Low-spray Operating pressure max. 16 bar, max. permissible operating temperature 90°C.</p> <p>Sampling valve As above, but long model for thermally-insulated valves so that the sampling valve is run out of the thermal insulation.</p>	1/4	02681 2	2 0277 09	20	
	3/8	02680 5	2 0277 00	20	
	1/4	02683 6	2 0277 19	20	
	3/8	02682 9	2 0277 10	20	

Pre-setting key for TMV

 <p>Pre-setting key for temperature control for 2 7766 51.</p>	59955 2	2 7766 80	1	
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Upper parts for inclined body valves TW manufactured as of 2004

Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>Upper part for STRÖMAX-MW and STRÖMAX-RW Commissioning valves with O-ring seal between upper part and body. 4117 MW, 4117 RW</p>	15	66030 6	2 6388 00	1	
	20	66040 5	2 6388 02	1	
	25	66050 4	2 6388 03	1	
	32	66060 3	2 6388 04	1	
	40	66070 2	2 6388 05	1	
	50	66080 1	2 6388 06	1	

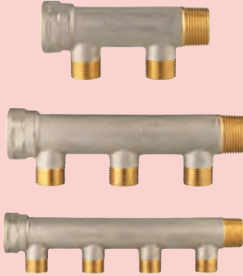

Upper parts for inclined body valves in current design manufactured as of 2004

 <p>Upper part for STRÖMAX-AW shutoff valves with inclined body, rising spindle. 2 4115 AW, 2 4315 AW</p>	10	64460 3	2 6385 00	1	
	15	64470 2	2 6385 01	1	
	20	64480 1	2 6385 02	1	
	25	64490 0	2 6385 03	1	
	32	64500 6	2 6385 04	1	
	40	64510 5	2 6385 05	1	
	50	64520 4	2 6385 06	1	
	65	64530 3	2 6385 07	1	
 <p>Upper part for STRÖMAX-WD shutoff valves. 4125 WD, 4125 AWD 4325 D, 4325 AD</p>	15	64550 1	2 6389 01	1	
	20	64560 0	2 6389 02	1	
	25	64570 9	2 6389 03	1	
	32	64580 8	2 6389 04	1	
	40	64590 7	2 6389 05	1	
	50	64600 3	2 6389 06	1	
	65	64610 2	2 6389 07	1	
	80	64620 1	2 6389 08	1	
 <p>Upper part for valve 4215 W, 4215 AW with straight body. 2 4215 W, 2 4215 AW</p>	15	66530 1	2 6387 51	1	
	20	66540 0	2 6387 52	1	
	25	66550 9	2 6387 53	1	
	32	66560 8	2 6387 54	1	
	40	66570 7	2 6387 55	1	
	50	66580 6	2 6387 56	1	
 <p>Upper part for backflow preventer 4126.</p>	20	66680 3	2 6389 12	1	
	25	66681 0	2 6389 13	1	
	32	66682 7	2 6389 14	1	
	40	66683 4	2 6389 15	1	
	50	66684 1	2 6389 16	1	


Hand wheels

Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>Hand wheel green with fastening screw for STRÖMAX-AW shutoff valves with inclined body.</p> <p>2 4115 AW, 2 4315 AW</p>	10	64630 0	2 6519 00	1	
	15				
	20	64640 9	2 6519 02	1	
	25	64650 8	2 6519 03	1	
	32	64660 7	2 6519 04	1	
	40				
	50	64670 6	2 6519 06	1	
65	64680 5	2 6519 07	1		
80					
 <p>Hand wheel green with fastening screw for STRÖMAX-AWD shutoff valves with inclined body.</p> <p>2 4125 AWD, 2 4325 AWD.</p>	15 to 50	64690 4	2 6517 00	1	
	65.80	65870 9	2 6517 01	1	
 <p>Hand wheel green with fastening screw for valve 4215 W, 4215 AW with straight body.</p> <p>2 4215 W, 2 4215 AW</p>	15-20	66430 4	2 6520 01	1	
	25-32	66440 3	2 6520 03	1	
	40-50	66450 2	2 6520 04	1	
 <p>Hand wheel green with fastening screw for STRÖMAX-MW commissioning valves with straight body and female thread.</p> <p>2 4117 MW and 2 4117 RW</p>	1/2-2	65810 5	2 6518 00	1	
 <p>Replacement hand wheel green for 4017.</p>	15-32	10269 1	2 6522 01	1	
	40-50	10271 4	2 6522 02	1	


Compact distributor for sanitary installations, DN 20 (3/4)

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ compact distributor of dezincification-resistant brass according to DVGW-AB W 534. Externally nickel-plated. Trunk DN 20, branches with male thread G 1/2 and cone, 50 mm pipe mean dimension.</p>	with two branches	82160 8	2 8451 22	1	
	with three branches	82170 7	2 8451 23	1	
	with four branches	82180 6	2 8451 24	1	
 <p>HERZ compact distributor, of dezincification-resistant brass according to DVGW-AB W 534. Externally nickel-plated. Trunk DN 20, branches with male thread G 3/4 and cone, 50 mm pipe mean dimension.</p>	with two branches	82190 5	2 8451 32	1	
	with four branches	84490 4	2 8451 42	1	




Accessories

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>Distributor mount for installation of the distributor in a cabinet 1 pair Bar spacing 200 mm for compact distributor 2 8451.</p>	81410 5	1 8422 20	1	

Wall angle female thread

Model	EAN 90 04174	Order number	Sale Unit	€
	G 1/2 x Rp 1/2	16670 9	T 3124 14	150
	G 3/4 x Rp 1/2	16680 8	T 3126 14	120
	G 3/4 x Rp 3/4	16690 7	T 3126 15	100

Wall box

	G 3/4 - Rp 1/2	16700 3	T 3128 18	15
	G 3/4 x G 3/4 - Rp 1/2	16710 2	T 3128 19	12
	Fastening for wall box	16880 2	P 1025 07	10





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QUICKFIX/PIPEFIX

10



Pipes for HERZ-PIPEFIX Composite pipe PE-RT HT

Model	Aluminium wall thickness (mm)	Diameter wall thickness (mm)	EAN 90 04174	Order number	Reel (m)	Sales Unit Pallet (m)	€
 	0.4	16 x 2	99772 3	3 C160 20	200	3000	
	0.4	20 x 2	99774 7	3 C200 20	100	1500	
	0.5	26 x 3	99775 4	3 C260 30	50	750	
	0.5	32 x 3	99776 1	3 C320 30	50	600	
	0.5	40 x 3.5	99777 8	3 C400 30	25	300	



Composite pipe PE-RT FH, HTS

Model	Aluminium wall thickness (mm)	Diameter wall thickness (mm)	EAN 90 04174	Order number	Reel (m)	Sales Unit Pallet (m)	€
 	0.2	10 x 1.3	93003 4	3 C101 30	250	3500	
	0.2	16 x 2	99708 2	3 D160 20	200	3000	
	0.25	20 x 2	93002 7	3 C200 30	100	1500	
	0.35	26 x 3	01515 1	3 C260 40	50	750	



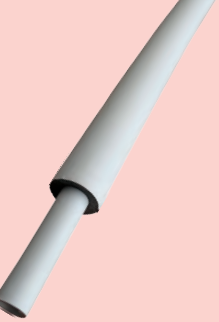

Composite pipe PE-RT HT

Model	Aluminium wall thickness (mm)	Diameter wall thickness (mm)	EAN 90 04174	Order number	Pipe (m)	Sales Unit Pallet (m)	€
 	0.4	16 x 2	99778 5	3 C160 34	5	6240	
	0.4	20 x 2	99779 2	3 C200 34	5	3900	
	0.5	26 x 3	99780 8	3 C260 35	5	2340	
	0.5	32 x 3	99781 5	3 C320 35	5	1300	
	0.5	40 x 3.5	99782 2	3 C400 36	5	780	
	0.6	50 x 4	99000 7	3 C500 40	5	450	
	0.8	63 x 4.5	99010 6	3 C630 45	5	415	
	0.8	75 x 5	99200 1	3 C750 50	5	1500	



Composite pipe PE-RT HTS

Model	Aluminium wall thickness (mm)	Diameter wall thickness (mm)	EAN 90 04174	Order number	Reel (m)	Sales Unit Pallet (m)	€
 	0.2	16 x 2	01302 7	3 C160 46	5	6240	
	0.25	20 x 2	01199 3	3 C200 38	5	3900	
	0.35	26 x 3	01303 4	3 C260 39	5	2340	



Composite pipe PE-RT HT/HTS with thermal insulation

Model	Insulation thickness (mm)	Al wall thickness (mm)	Diameter wall thickness (mm)	EAN 90 04174	Order number	Reel (m)	Sales Unit Pallet (m)	€
 <p>Pipe bundle Heating and sanitary pipes with thermal insulation of PE-LD foam and film of PP. Thermal conductivity 0.04 W/mK according to DIN EN 8497, fire behaviour B1 according to DIN 4102, CFC- and HCFC-free, water vapour diffusion coefficient ≥ 6000 according to DSIN 52615. External shell white, labelling black.</p> 	6	0.4	16 x 2	93014 0	3 C160 06	100	800	
	6	0.4	20 x 2	93015 7	3 C200 06	50	550	
	6	0.5	26 x 3	93017 1	3 C260 06	50	300	
	6	0.5	32 x 3	93018 8	3 C320 06	25	125	
	9	0.4	16 x 2	93019 5	3 C160 09	100	600	
	9	0.4	20 x 2	93020 1	3 C200 09	50	550	
	9	0.5	26 x 3	93022 5	3 C260 09	50	450	
	9	0.5	32 x 3	93023 2	3 C320 09	25	125	
 <p>Pipe bundle Heating and sanitary pipes with thermal insulation of PE-LD foam and film of PP, with reduced aluminium layer thickness, thermal conductivity 0.04 W/mK according to DIN EN 8497, fire behaviour B1 according to DIN 4102, CFC- and HCFC-free. Water vapour diffusion coefficient ≥ 6000 according to DIN 52615. External shell white, labelling black.</p> 	6	0.2	16 x 2	02729 1	3 D160 06	100	800	
	6	0.25	20 x 2	01912 8	3 D200 06	50	550	
	6	0.35	26 x 3	02824 3	3 D260 06	50	300	
	9	0.2	16 x 2	01198 6	3 C160 44	100	600	
	9	0.25	20 x 2	01995 1	3 D200 09	50	550	
	9	0.35	26 x 3	01913 5	3 D260 09	50	450	


Composite pipe PE-RT HT in protective conduit

Model	Aluminum wall thickness (mm)	Diameter wall thickness (mm)	EAN 90 0417 4	Order number	Reel (m)	Sales Unit Pallet (m)	€
 <p>Pipe bundle Heating and sanitary pipes in black plastic protective conduit.</p> 	0.4	16 x 2	99787 7	3 C160 33	50	600	
	0.4	20 x 2	99788 4	3 C200 33	50	600	


Composite pipe PE-RT in protective conduit

Model	Aluminum wall thickness (mm)	Diameter wall thickness (mm)	EAN 90 0417 4	Order number	Reel (m)	Sales Unit Pallet (m)	€
 <p>Pipe bundle Heating and sanitary pipes in black plastic protective conduit.</p> 	0.2	16 x 2	01196 2	3 C160 42	50	600	
	0.25	20 x 2	01202 0	3 C200 40	50	600	


Pipes for HERZ-QUICK FIX Composite pipe PE-RT

Model	Aluminum wall thickness (mm)	Diameter wall thickness (mm)	EAN 90 0417 4	Order number	Reel (m)	Sales Unit Pallet (m)	€
 <p>Pipe bundle HERZ plastic-aluminium composite pipe PE-RT/Al/PE-RT, multi-layer pipe for complex installation requirements in heating, air-conditioning and sanitary installations. System-tested with HERZ-QUICK FIX press fittings or screw connections. Delivered as pipe bundle.</p>	0.2	16 x 2	99708 2	3 D160 20	200	3000	
	0.25	20 x 2	93002 7	3 C200 30	100	1500	
	0.35	26 x 3	01515 1	3 C260 40	50	750	
	0.5	32 x 3	99776 1	3 C320 30	50	600	


Composite pipe PE-RT

Model	Aluminum wall thickness (mm)	Diameter wall thickness (mm)	EAN 90 0417 4	Order number	Reel (m)	Sales Unit Pallet (m)	€
 <p>Straight pipes HERZ plastic-aluminium composite pipe PE-RT/Al/PE-RT, multi-layer pipe for complex installation requirements in heating, air-conditioning and sanitary installations. System-tested with HERZ-QUICK FIX press fittings or screw connections. Delivered as straight pipes.</p>	0.2	16 x 2	01302 7	3 C160 46	5	6240	
	0.25	20 x 2	01199 3	3 C200 38	5	3900	
	0.35	26 x 3	01303 4	3 C260 39	5	2340	
	0.5	32 x 3	99781 5	3 C320 35	5	1300	


Composite pipe PE-RT with thermal insulation

Model	Insulation wall thickness (mm)	Al wall thickness (mm)	Diameter wall thickness (mm)	EAN 90 0417 4	Order number	Reel (m)	Sales Unit Pallet (m)	€
 <p>Pipe bundle Heating and sanitary pipes with thermal insulation of PE-LD foam and film of PP, with reduced aluminium layer thickness, thermal conductivity 0.04 W/mK according to DIN EN 8497. Fire behaviour B1 according to DIN 4102, CFC and HCFC-free. Water vapour diffusion coefficient ≥ 6000 according to DIN 52615. External shell white, Labelling black.</p>	6	0.2	16 x 2	02729 1	3 D160 06	100	800	
	6	0.25	20 x 2	01912 8	3 D200 06	100	550	
	6	0.35	26 x 3	02824 3	3 D260 06	50	300	
	6	0.5	32 x 3	93018 8	3 C320 06	25	125	
	9	0.2	16 x 2	01198 6	3 C160 44	100	600	
	9	0.25	20 x 2	01995 1	3 D200 09	100	550	
	9	0.35	26 x 3	01913 5	3 D260 09	50	450	
	9	0.5	32 x 3	93023 2	3 C320 09	25	125	



Composite pipe PE-RT in protective conduit

Model	Aluminum wall thickness (mm)	Diameter wall thickness (mm)	EAN 90 0417 4	Order number	Reel (m)	Sales Unit Pallet (m)	€
 <p>Pipe bundle Heating and sanitary pipes in black plastic protective conduit.</p>	0.2	16 x 2	01196 2	3 C160 42	50	600	
	0.25	20 x 2	01202 0	3 C200 40	50	600	



HERZ-Line PE-RT 5-layered pipe for floor heating

Model	Diameter wall thickness	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-LINE PE-RT 5-layered pipe High-safety pipe, impermeable to oxygen due to EVOH layer according to DIN 4726, PE external sheath for protection of the EVOH oxygen barrier layer against mechanical damage. Manufactured according to EN ISO 22391. Colour: Red.</p>	16 x 2	02671 3	U 1622 40	240 linear m	
		02672 0	U 1624 80	480 linear m	
		02673 7	U 1626 00	600 linear m	
	17 x 2	02674 4	U 1722 40	240 linear m	
		02675 1	U 1724 80	480 linear m	
		02676 8	U 1726 00	600 linear m	
	18 x 2	02677 5	U 1822 40	240 linear m	
		02678 2	U 1824 80	480 linear m	
	20 x 2	02679 9	U 2022 40	240 linear m	
		02686 7	U 2024 80	480 linear m	

Pipe for gas systems

Model	Dim.	PN	EAN 90 04174	Order number	Reel (m)	Sales Unit Pallet (m)	€
 <p>Plastic-aluminium composite pipe on reels, aluminium layer 0.4 mm, impermeable to natural gas and resistant to permissible attendant substances, pipe external layer dyed yellow RAL 1201. Operating temperature -20°C to +60°C, max. operating pressure 100 mbar.</p> 	16 x 2.0	0.1	95000 1	G 1160 20	200	3000	
	20 x 2.0	0.1	95010 0	G 1200 20	100	1500	
	26 x 3.0	0.1	95020 9	G 1260 20	50	600	
	32 x 3.0	0.1	95030 8	G 1320 20	50	3600	

Pipe for gas systems

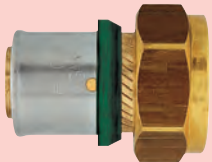
Model	Dim.	PN	EAN 90 04174	Order number	Pipe (m)	Sales Unit Pallet (m)	€
 <p>Plastic-aluminium composite pipe in straight lengths of 5 m, aluminium layer 0.4 mm, impermeable to natural gas and resistant to permissible attendant substances, pipe external layer dyed yellow RAL 1201. Operating temperature -20°C to +60°C, max. operating pressure 100 mbar.</p> 	16 x 2.0	0.1	95040 7	G 1160 21	120	6240	
	20 x 2.0	0.1	95050 6	G 1200 21	120	3900	
	26 x 3.0	0.1	95060 5	G 1260 21	120	2340	
	32 x 3.0	0.1	95070 4	G 1320 21	50	1300	

Press fittings for HERZ-PIPEFIX


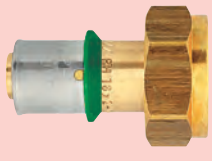
Press fittings with article number T xxxx xx are made of dezincification-resistant and drinking water-hygienic brass, double O-ring of EPDM according to KTW/UBA, stainless steel sleeve, plastic ring green for centering the sleeve. The brass quality corresponds to the relevant standards for drinking water installations, such as EN1213, ÖNORM B 5014-3 and ONR 25014-3, as well as DIN 50930, Part 6 and TRV.

Press fittings for article number P xxxx xx are made of brass for heating and cold water in room climate control systems, double O-ring of EPDM, stainless steel sleeve, plastic ring white for centring the sleeve. Operating temperature to 95°C, max. operating pressure 10 bar


Press fittings for HERZ-PIPEFIX Junction press fitting screw connection, flat-sealing

Model		EAN 90 04174	Order number	Sale Unit	€
	16 x 2 – G 3/4	13980 2	T 7016 41	50	
	20 x 2 – G 3/4	14020 3	T 7020 41	50	
	16 x 2 – G 1	13990 1	T 7016 42	100	
	20 x 2 – G 1	14040 2	T 7020 42	100	
	26 x 3 – G 1	14100 3	T 7026 42	80	
	26 x 3 – G 1¼	14110 2	T 7026 43	50	
	32 x 3 – G 1¼	14120 1	T 7032 43	50	
	40 x 3.5 – G 1¼	14140 9	T 7040 43	30	
	32 x 3 – G 1½	14130 0	T 7032 44	40	
	40 x 3.5 – G 1½	14150 8	T 7040 44	30	
	50 x 4 – G 1½	14170 6	T 7050 44	16	
	40 x 3.5 – G 2	14160 7	T 7040 45	20	
50 x 4 – G 2	14180 6	T 7050 45	16		


Press fittings Screw connection with cone

Model		Dim.	EAN 90 04174	Order number	Sale Unit	€
	Nickel-plated	16 x 2 – M 22 x 1.5	14900 9	P 7016 86	150	
		16 x 2 – G 1/2	14960 3	P 7016 90	150	
		20 x 2 – G 1/2	14990 0	P 7020 90	150	
		16 x 2 – G 3/4	14840 8	P 7016 82	150	
		20 x 2 – G 3/4	14870 5	P 7020 82	140	
	Unfinished	16 x 2 – G 3/4	14780 7	T 7016 81	150	
		20 x 2 – G 3/4	14810 1	T 7020 81	140	


Angle screw connection

Model		Dim.	EAN 90 04174	Order number	Sale Unit	€
	Angle screw connection for HERZ-3000	16 x 2 – G 3/4	11220 1	P 7116 14	60	
		20 x 2 – G 3/4	11240 9	P 7120 14	50	

Press fittings Coupling

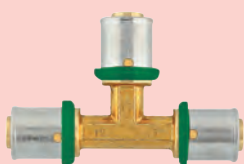
Model	EAN 90 04174	Order number	Sale Unit	€
	16 x 2 – 16 x 2	13120 2	T 7016 00	200
	20 x 2 – 20 x 2	13150 9	T 7020 00	150
	26 x 3 – 26 x 3	13190 5	T 7026 00	100
	32 x 3 – 32 x 3	13200 1	T 7032 00	50
	40 x 3.5 – 40 x 3.5	13210 0	T 7040 00	30
	50 x 4 – 50 x 4	13220 9	T 7050 00	30
	63 x 4.5 – 63 x 4.5	13230 8	T 7063 00	20
	75 x 5 – 75 x 5	09000 4	T 7075 00	1

Reduction

Model	EAN 90 04174	Order number	Sale Unit	€
	20 x 2 – 16 x 2	13280 3	T 7020 01	150
	26 x 3 – 16 x 2	13380 0	T 7026 01	100
	26 x 3 – 20 x 2	13410 4	T 7026 02	100
	32 x 3 – 16 x 2	13430 2	T 7032 01	60
	32 x 3 – 20 x 2	13450 0	T 7032 02	60
	32 x 3 – 26 x 3	13490 6	T 7032 06	60
	40 x 3.5 – 26 x 3	13510 1	T 7040 02	50
	40 x 3.5 – 32 x 3	13520 0	T 7040 03	40
	50 x 4 – 26 x 3	13530 9	T 7050 01	20
	50 x 4 – 32 x 3	13540 8	T 7050 02	20
	50 x 4 – 40 x 3.5	13550 7	T 7050 03	20
	63 x 4.5 – 26 x 3	13560 6	T 7063 01	20
	63 x 4.5 – 32 x 3	13570 5	T 7063 02	20
	63 x 4.5 – 40 x 3.5	13580 4	T 7063 03	20
	63 x 4.5 – 50 x 4	13590 3	T 7063 04	20
	75 x 5 – 50 x 4	09002 8	T 7075 02	8
	75 x 5 – 63 x 4.5	09001 1	T 7075 01	8

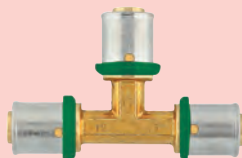
Press fittings T-piece

Model	EAN 90 04174	Order number	Sale Unit	€
16 x 2	11950 7	T 7216 00	60	
16 x 2 - 20 x 2 - 16 x 2	13010 6	T 7216 03	50	
20 x 2	11980 4	T 7220 00	50	
20 x 2 - 16 x 2 - 16 x 2	12450 1	T 7220 03	50	
20 x 2 - 16 x 2 - 20 x 2	12110 4	T 7220 01	50	
20 x 2 - 20 x 2 - 16 x 2	12490 7	T 7220 08	50	
20 x 2 - 26 x 3 - 20 x 2	13040 3	T 7220 06	30	
26 x 3	12020 6	T 7226 00	30	
26 x 3 - 20 x 2 - 16 x 2	12670 3	T 7226 13	30	
26 x 3 - 20 x 2 - 20 x 2	12680 2	T 7226 14	30	
26 x 3 - 26 x 3 - 16 x 2	12720 5	T 7226 16	30	
26 x 3 - 26 x 3 - 20 x 2	12730 4	T 7226 15	30	
26 x 3 - 16 x 2 - 26 x 3	12210 1	T 7226 03	30	
26 x 3 - 20 x 2 - 26 x 3	12230 9	T 7226 05	30	
26 x 3 - 32 x 3 - 26 x 3	13090 8	T 7226 17	30	
32 x 3	12030 5	T 7232 00	25	
32 x 3 - 16 x 2 - 32 x 3	12240 8	T 7232 01	30	
32 x 3 - 20 x 2 - 26 x 3	12740 3	T 7232 11	30	
32 x 3 - 20 x 2 - 32 x 3	12260 6	T 7232 04	30	
32 x 3 - 26 x 3 - 26 x 3	12790 8	T 7232 09	30	
32 x 3 - 26 x 3 - 32 x 3	12300 9	T 7232 07	30	
32 x 3 - 32 x 3 - 20 x 2	12800 4	T 7232 15	30	
32 x 3 - 32 x 3 - 26 x 3	12830 1	T 7232 14	30	
32 x 3 - 40 x 3.5 - 32 x 3	13100 4	T 7232 10	20	
40 x 3.5	12040 4	T 7240 00	15	
40 x 3.5 - 26 x 3 - 32 x 3	12870 7	T 7240 06	20	
40 x 3.5 - 26 x 3 - 40 x 3.5	12330 6	T 7240 02	20	
40 x 3.5 - 32 x 3 - 32 x 3	12840 0	T 7240 04	20	




Press fittings T-piece


Model	EAN 90 04174	Order number	Sale Unit	€
40 x 3.5 - 32 x 3 - 40 x 3.5	12340 5	T 7240 03	20	
40 x 3.5 - 40 x 3.5 - 26 x 3	12890 5	T 7240 07	20	
40 x 3.5 - 40 x 3.5 - 32 x 3	12900 1	T 7240 08	20	
40 x 3.5 - 50 x 4 - 40 x 3.5	18200 6	T 7240 12	10	
50 x 4	12050 3	T 7250 00	10	
50 x 4 - 26 x 3 - 50 x 4	12350 4	T 7250 03	10	
50 x 4 - 32 x 3 - 40 x 3.5	12920 9	T 7250 06	20	
50 x 4 - 32 x 3 - 50 x 4	12360 3	T 7250 01	10	
50 x 4 - 40 x 3.5 - 40 x 3.5	12910 0	T 7250 05	20	
50 x 4 - 40 x 3.5 - 50 x 4	12370 2	T 7250 02	10	
50 x 4 - 50 x 4 - 32 x 3	12930 8	T 7250 07	20	
50 x 4 - 50 x 4 - 40 x 3.5	12940 7	T 7250 08	20	
63 x 4.5	12060 2	T 7263 00	8	
63 x 4.5 - 40 x 3.5 - 63 x 4.5	12380 1	T 7263 01	8	
63 x 4.5 - 50 x 4 - 63 x 4.5	12390 0	T 7263 02	8	
63 x 4.5 - 32 x 3 - 63 x 4.5	12400 6	T 7263 03	8	
63 x 4.5 - 40 x 3.5 - 50 x 4	12950 6	T 7263 04	5	
63 x 4.5 - 50 x 4 - 50 x 4	12960 5	T 7263 05	5	
63 x 4.5 - 63 x 4.5 - 40 x 3.5	12970 4	T 7263 06	5	
63 x 4.5 - 63 x 4.5 - 50 x 4	12980 3	T 7263 07	5	
75 x 5 - 75 x 5 - 75 x 5	09006 6	T 7275 00	2	



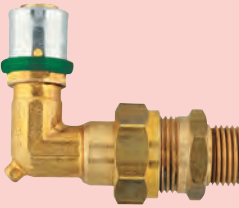
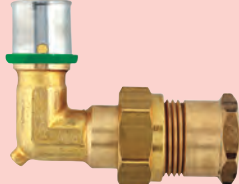
Press fittings Angle 90°

Model		EAN 90 04174	Order number	Sale Unit	€
	16 x 2 – 16 x 2	10060 4	T 7116 00	150	
	20 x 2 – 20 x 2	10900 3	T 7120 00	80	
	26 x 3 – 26 x 3	10130 4	T 7126 00	30	
	32 x 3 – 32 x 3	10140 3	T 7132 00	25	
	40 x 3.5 – 40 x 3.5	10150 2	T 7140 00	30	
	50 x 4 – 50 x 4	10160 1	T 7150 00	10	
	63 x 4.5 – 63 x 4.5	10170 0	T 7163 00	10	
	75 x 5 – 75 x 5	09005 9	T 7175 00	5	

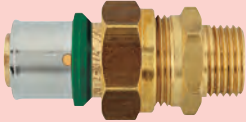
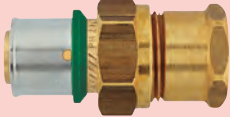
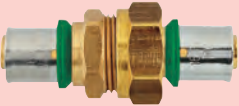
Angle 45°

Model		EAN 90 04174	Order number	Sale Unit	€
	26 x 3	11280 5	T 7126 01	50	
	32 x 3	11290 4	T 7132 01	30	
	40 x 3.5	11300 0	T 7140 01	5	
	50 x 4	11310 9	T 7150 01	24	
	63 x 4.5	11320 8	T 7163 01	10	

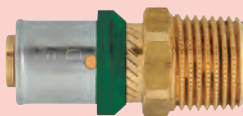
Press fittings Angle screw connection

Model		Dim.	EAN 90 04174	Order number	Sale Unit	€
	Angle screw connection with MT.	16 x 2 – 1/2 MT	11330 7	T 7116 71	80	
		20 x 2 – 1/2 MT	11350 5	T 7120 71	60	
		20 x 2 – 3/4 MT	11360 4	T 7120 72	50	
		26 x 3 – 1 MT	11370 3	T 7126 73	40	
		32 x 3 – 1 1/4 MT	11380 2	T 7132 74	30	
	Angle screw connection with FT.	16 x 2 – 3/4 FT	11390 1	T 7116 81	80	
		20 x 2 – 1/2 FT	11410 6	T 7120 81	60	
		20 x 2 – 3/4 FT	11420 5	T 7120 82	50	
		26 x 3 – 1 FT	11430 4	T 7126 83	40	
		32 x 3 – 1 1/4 FT	11440 3	T 7132 84	30	


Press fittings Press coupling

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Press fitting screw connection with MT flat-sealing.</p>	16 x 2 – 1/2 MT	15010 4	T 7016 61	100	
	20 x 2 – 1/2 AG	15050 0	T 7020 61	80	
	16 x 2 – 3/4 MT	15020 3	T 7016 62	80	
	20 x 2 – 3/4 MT	15060 9	T 7020 62	70	
	26 x 3 – 3/4 MT	15130 9	T 7026 62	50	
	26 x 3 – 1 MT	15140 8	T 7026 63	50	
	32 x 3 – 1 MT	15150 7	T 7032 63	40	
	40 x 3.5 – 1¼ MT	15160 6	T 7040 64	20	
	50 x 4 – 1½ MT	15170 5	T 7050 65	10	
	63 x 4.5 – 2 MT	15180 4	T 7063 66	8	
 <p>Press fitting screw connection with FT, flat-sealing.</p>	16 x 2 – 1/2 FT	15190 3	T 7016 71	100	
	20 x 2 – 1/2 FT	15230 6	T 7020 71	80	
	16 x 2 – 3/4 FT	15200 9	T 7016 72	80	
	20 x 2 – 3/4 FT	15240 5	T 7020 72	70	
	26 x 3 – 3/4 FT	15310 5	T 7026 72	50	
	26 x 3 – 1 FT	15320 4	T 7026 73	50	
	32 x 3 – 1 FT	15330 3	T 7032 73	40	
	40 x 3.5 – 1 FT	15340 2	T 7040 74	20	
	50 x 4 – 1½ FT	15350 1	T 7050 75	10	
	63 x 4.5 – 2 FT	15360 0	T 7063 76	8	
 <p>Press fitting screw connection coupling, flat-sealing.</p>	16 x 2 – 3/4	14660 2	T 7016 51	70	
	20 x 2 – 3/4	14680 0	T 7020 51	70	
	26 x 3 – 1	14720 3	T 7026 52	50	
	32 x 3 – 1¼	14730 2	T 7032 53	30	
	40 x 3.5 – 1¼	14740 1	T 7040 53	20	
	50 x 4 – 2	14750 0	T 7050 55	10	

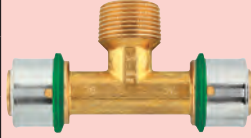
Press fittings Junction with male thread

Model		EAN 90 04174	Order number	Sale Unit	€
	16 x 2 – R 1/2	14210 9	T 7016 11	150	
	20 x 2 – R 1/2	14250 5	T 7020 11	150	
	20 x 2 – R 3/4	14260 4	T 7020 12	150	
	26 x 3 – R 3/4	14330 4	T 7026 12	100	
	26 x 3 – R 1	14340 3	T 7026 13	80	
	32 x 3 – R 1	14350 2	T 7032 13	70	
	40 x 3.5 – R 1	14370 0	T 7040 13	30	
	32 x 3 – R 1¼	14360 1	T 7032 14	50	
	40 x 3.5 – R 1¼	14380 9	T 7040 14	30	
	50 x 4 – R 1¼	14390 8	T 7050 14	24	
	50 x 4 – R 1½	14400 4	T 7050 15	20	
	63 x 4.5 – R 2	14410 3	T 7063 16	14	
	75 x 5 – R 2	09003 5	T 7075 16	8	
	75 x 5 – R 2½	09004 2	T 7075 18	8	


Junction with female thread

Model		EAN 90 04174	Order number	Sale Unit	€
	16 x 2 – Rp 1/2	14400 0	T 7016 21	150	
	20 x 2 – Rp 1/2	14480 6	T 7020 21	150	
	20 x 2 – Rp 3/4	14490 5	T 7020 22	100	
	26 x 3 – Rp 3/4	14560 5	T 7026 22	100	
	26 x 3 – Rp 1	14570 4	T 7026 23	70	
	32 x 3 – Rp 1	14580 3	T 7032 23	50	
	40 x 3.5 – Rp 1	14600 8	T 7040 23	30	
	32 x 3 – Rp 1¼	14590 2	T 7032 24	30	
	40 x 3.5 – Rp 1¼	14610 7	T 7040 24	30	
	50 x 4 – Rp 1¼	14620 6	T 7050 24	20	
	50 x 4 – Rp 1½	14630 5	T 7050 25	16	
	63 x 4.5 – Rp 2	14640 4	T 7063 26	14	

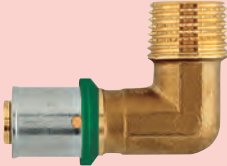
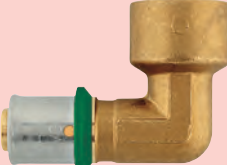
Press fittings T-pieces with male thread

Model	EAN 90 04174	Order number	Sale Unit	€
	16 x 2 - 1/2 - 16 x 2	11450 2	T 7216 51	60
	20 x 2 - 1/2 - 20 x 2	11470 0	T 7220 51	50
	26 x 3 - 1/2 - 26 x 3	11570 7	T 7226 51	30
	20 x 2 - 3/4 - 20 x 2	11480 9	T 7220 52	50
	26 x 3 - 3/4 - 26 x 3	11580 6	T 7226 52	30
	32 x 3 - 3/4 - 32 x 3	11600 1	T 7232 51	30
	26 x 3 - 1 - 26 x 3	11590 5	T 7226 53	30
	32 x 3 - 1 - 32 x 3	11610 0	T 7232 52	25
	40 x 3.5 - 1 - 40 x 3.5	11620 9	T 7240 52	15
	40 x 3.5 - 1 1/4 - 40 x 3.5	11630 8	T 7240 53	15
	50 x 4 - 1 1/4 - 50 x 4	11640 7	T 7250 53	10
	50 x 4 - 1 1/2 - 50 x 4	11650 6	T 7250 54	10
	63 x 4.5 - 2 - 63 x 4.5	11670 4	T 7263 55	8




T-pieces with female thread

	16 x 2 - 1/2 - 16 x 2	11680 3	T 7216 41	60
	20 x 2 - 1/2 - 20 x 2	11700 8	T 7220 41	50
	26 x 3 - 1/2 - 20 x 2	11810 4	T 7226 42	30
	26 x 3 - 1/2 - 26 x 3	11800 5	T 7226 41	30
	32 x 3 - 1/2 - 32 x 3	11840 1	T 7232 43	30
	20 x 2 - 3/4 - 20 x 2	11710 7	T 7220 42	50
	26 x 3 - 3/4 - 26 x 3	11830 2	T 7226 44	30
	32 x 3 - 3/4 - 32 x 3	11850 0	T 7232 41	30
	32 x 3 - 1 - 32 x 3	11860 9	T 7232 42	25
	40 x 3.5 - 1 - 40 x 3.5	11880 7	T 7240 41	20
	32 x 3 - 1 1/4 - 32 x 3	11870 8	T 7232 44	20
	40 x 3.5 - 1 1/4 - 40 x 3.5	11890 6	T 7240 42	20
	50 x 4 - 1 1/4 - 50 x 4	11900 2	T 7250 42	10
	50 x 4 - 1 1/2 - 50 x 4	11910 1	T 7250 43	10
	63 x 4.5 - 2 - 63 x 4.5	11930 9	T 7263 44	8

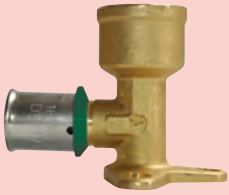
Press fittings Junction angle

Model		EAN 90 04174	Order number	Sale Unit	€
	16 x 2 – R 1/2	10700 9	T 7116 11	15	
	20 x 2 – R 1/2	10720 7	T 7120 11	12	
	20 x 2 – R 3/4	10730 6	T 7120 12	10	
	26 x 3 – R 3/4	10780 1	T 7126 12	5	
	32 x 3 – R 1	10790 0	T 7132 13	3	
	40 x 3.5 – R 1¼	10800 6	T 7140 14	3	
	50 x 4 – R 1¼	10810 5	T 7150 14	2	
	63 x 4.5 – R 2	10830 3	T 7163 16	1	
	16 x 2 – Rp 1/2	10850 1	T 7116 21	12	
	20 x 2 – Rp 1/2	10870 9	T 7120 21	10	
	20 x 2 – Rp 3/4	10880 8	T 7120 22	5	
	26 x 3 – Rp 3/4	10930 0	T 7126 22	5	
	32 x 3 – Rp 1	10940 9	T 7132 23	3	
	40 x 3.5 – Rp 1¼	10950 8	T 7140 24	3	
	50 x 4 – Rp 1¼	10960 7	T 7150 24	16	
	50 x 4 – Rp 1½	10970 6	T 7150 25	16	
	63 x 4.5 – Rp 2	10980 5	T 7163 26	1	


Press fittings Non-crossing T-piece

Model		EAN 90 04174	Order number	Sale Unit	€
	Non-crossing T-piece Unmounted 6 x connection female thread Rp 1/2 for pipe connection adapter (14-26) 1 6266 01 or P 7016 18, must be ordered separately.	15370 9	P 7200 31	2	
	Screw-in part R 1/2, O-ring sealing, for non-crossing T-piece.	10 x 1.3 – G 1/2	99936 9	P 7010 18	150
		16 x 2 – G 1/2	15390 7	P 7016 18	150
		20 x 2 – G 1/2	15410 2	P 7020 18	150
		26 x 3 – G 1/2	15450 8	P 7026 18	100
	Box for non-crossing T-piece FT 1/2 (plastic).	15460 7	P 1020 21	5	

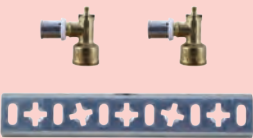

Press fittings Wall angle short

Model		EAN 90 04174	Order number	Sale Unit	€
	16 x 2 - Rp 1/2	10190 8	T 7116 31	50	
	20 x 2 - Rp 1/2	10210 3	T 7120 31	50	
	20 x 2 - Rp 3/4	10220 2	T 7120 32	50	
	26 x 3 - Rp 3/4	10270 7	T 7126 32	50	



Wall angle long

Model		EAN 90 04174	Order number	Sale Unit	€
	16 x 2 - Rp 1/2	10400 8	T 7116 41	10	
	20 x 2 - Rp 1/2	10420 6	T 7120 41	10	


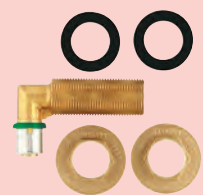
Wall angle set

Model		EAN 90 04174	Order number	Sale Unit	€
	16 x 2 - Rp 1/2, L= 207.5 mm Set: strip + two wall angles	10650 7	P 7116 56	10	
	16 x 2 - Rp 1/2, L= 396 mm Set: strip long with foot + two wall angles	10660 6	P 7116 33	10	


Press fittings Flush cistern T-piece

Model		EAN 90 04174	Order number	Sale Unit	€
	16 x 2 – Rp 1/2 – 16 x 2	11180 8	T 7216 61	50	
	20 x 2 – Rp 1/2 – 20 x 2	11190 7	T 7220 61	50	
	16 x 2 – Rp 1/2	11140 2	T 7116 61	50	
	20 x 2 – Rp 1/2	11160 0	T 7120 61	50	


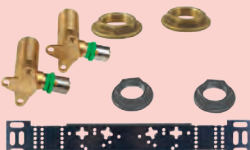
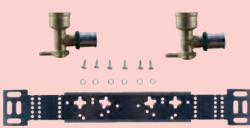

Wall bushing

Model		EAN 90 04174	Order number	Sale Unit	€
	16 x 2 – Rp 1/2 4 mm	11070 2	T 7116 51	10	
	16 x 2 – Rp 1/2 30 mm	11030 6	T 7116 52	30	
	20 x 2 – Rp 1/2 30 mm	11050 4	T 7120 52	30	
	16 x 2 – Rp 1/2 for wall thicknesses up to 30 mm	10990 4	T 7116 53	10	
	20 x 2 – Rp 1/2 for wall thicknesses up to 30 mm	11010 8	T 7120 53	10	


Wall angle double U

Model		EAN 90 04174	Order number	Sale Unit	€
	16 x 2 – Rp 1/2 – 16 x 2	02768 0	P 7116 36	10	
	20 x 2 – Rp 1/2 – 20 x 2	02769 7	P 7120 36	10	




Press fittings Mounting strips

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
	Mounting strip for wall angle with adapter.	10450 3	T 7298 10	6	
	Mounting strip with adapter and two wall bushings, packed in set unmounted, 3/4 MT 30 mm.	16 x 2 – Rp 1/2 30 mm	11090 0	T 7116 54	6
		20 x 2 – Rp 1/2 30 mm	11110 5	T 7120 54	6
	Mounting strip with adapter and two wall angles short, packed in set unmounted.	16 x 2 – Rp 1/2	10470 1	T 7116 33	6
		20 x 2 – Rp 1/2	10490 9	T 7120 33	6
	Mounting strip with adapter and two wall angles long, packed in set unmounted.	16 x 2 – Rp 1/2	10610 1	T 7116 43	6
		20 x 2 – Rp 1/2	10630 9	T 7120 43	6

Press fitting end cap

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Press fitting end cap</p>	16 x 2	13860 7	T 7016 10	20	
	20 x 2	13890 4	T 7020 10	20	
	26 x 3	13920 8	T 7026 10	10	
	32 x 3	13930 7	T 7032 10	40	
	40 x 3.5	13940 6	T 7040 10	30	
	50 x 4	13950 5	T 7050 10	10	
	63 x 4.5	13960 4	T 7063 10	10	


Soundproofing element for double wall angle

	Insulation for U-shaped double wall angle (suitable for T 2011 61, T 2011 62, P 7116 36 and P 7120 36).	Rp 1/2	02790 1	P 0450 06	10	
	Soundproofing element for wall angle short.	1/2	10280 6	P 0450 01	40	
		3/4	10290 5	P 0450 02	40	
	Soundproofing element for wall angle long.	Rp 1/2	10440 4	P 0450 03	30	

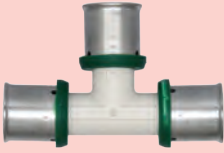
Pressfitting PPSU

All water-carrying parts are made of PPSU and therefore suitable for use in drinking water applications as well as in heating and cooling applications.

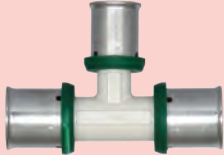
90° angle

Model		EAN 90 04174	Order number	Sale Unit	€
	16 x 2	02571 6	R 6116 00	150	
	20 x 2	02572 3	R 6120 00	100	
	26 x 3	02573 0	R 6126 00	50	


T-piece

	16 x 2	02574 7	R 6216 00	60	
	20 x 2	02575 4	R 6220 00	50	
	26 x 3	02576 1	R 6226 00	30	


T-piece, middle branch reduced

	20 x 2 - 16 x 2 - 20 x 2	02577 8	R 6220 01	50	
	26 x 3 - 16 x 2 - 26 x 3	02578 5	R 6226 03	30	
	26 x 3 - 20 x 2 - 26 x 3	02579 2	R 6226 05	30	


T-piece, expanded/reduced

	20 x 2 - 16 x 2 - 16 x 2	02581 5	R 6220 03	50	
	20 x 2 - 20 x 2 - 16 x 2	02582 2	R 6220 08	50	
	26 x 3 - 16 x 2 - 20 x 2	02583 9	R 6226 11	30	
	26 x 3 - 20 x 2 - 16 x 2	02584 6	R 6226 13	30	
	26 x 3 - 20 x 2 - 20 x 2	02585 3	R 6226 14	30	
	26 x 3 - 26 x 3 - 16 x 2	02586 0	R 6226 16	30	
	26 x 3 - 26 x 3 - 20 x 2	02587 7	R 6226 15	30	
	16 x 2 - 20 x 2 - 16 x 2	02588 4	R 6216 03	50	
	20 x 2 - 26 x 3 - 20 x 2	02589 1	R 6220 06	30	

Coupling








	16 x 2	02617 1	R 6016 00	150	
	20 x 2	02618 8	R 6020 00	150	
	26 x 3	02619 5	R 6026 00	80	

Reduction

	20 x 2 - 16 x 2	02621 8	R 6020 01	150	
	26 x 3 - 16 x 2	02622 5	R 6026 01	80	
	26 x 3 - 20 x 2	02623 2	R 6026 02	80	




Sliding sleeve fittings for HERZ QUICK FIX

All water-carrying parts are made of dezincification-resistant and drinking water-hygienic brass and therefore suitable for use in drinking water applications as well as in heating and cooling applications.

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 Sliding sleeve plastic (PVDF).	16 x 2	02288 3	T 2009 01	600	
	20 x 2	02289 0	T 2009 02	500	
	26 x 3	02291 3	T 2009 03	250	
	32 x 3	02292 0	T 2009 04	200	
 Angle 90°	16 x 2	01212 9	T 2010 11	100	
	20 x 2	01213 6	T 2010 12	80	
	26 x 3	01214 3	T 2010 13	50	
	32 x 3	01215 0	T 2010 14	30	
 Wall angle short female thread.	16 x 2 - Rp 1/2	01216 7	T 2010 21	50	
	20 x 2 - Rp 1/2	01217 4	T 2010 22	50	
	20 x 2 - Rp 3/4	01218 1	T 2010 23	40	
 Junction angle with male thread.	16 x 2 - R 1/2	01219 8	T 2010 31	150	
	20 x 2 - R 1/2	01222 8	T 2010 32	120	
	20 x 2 - R 3/4	01223 5	T 2010 33	100	
	26 x 3 - R 3/4	01224 2	T 2010 34	50	
	26 x 3 - R 1	01225 9	T 2010 35	50	
	32 x 3 - R 1	01226 6	T 2010 36	30	
 Junction angle with female thread.	16 x 2 - Rp 1/2	01227 3	T 2010 41	120	
	20 x 2 - Rp 1/2	01228 0	T 2010 42	100	
 T-piece with female thread.	26 x 3 - Rp 3/4 - 26 x 3	01229 7	T 2010 51	25	
	32 x 3 - Rp 3/4 - 32 x 3	01232 7	T 2010 52	25	
	32 x 3 - Rp 1 - 32 x 3	01233 4	T 2010 53	20	
 T-piece with equal branches. T-piece middle branch reduced.	16 x 2	01234 1	T 2010 61	60	
	20 x 2	01235 8	T 2010 62	50	
	26 x 3	01236 5	T 2010 63	25	
	32 x 3	01237 2	T 2010 64	20	
	20 x 2 - 16 x 2 - 20 x 2	01238 9	T 2010 71	50	
	26 x 3 - 16 x 2 - 26 x 3	01239 6	T 2010 72	30	
	26 x 3 - 20 x 2 - 26 x 3	01242 6	T 2010 73	30	
	32 x 3 - 16 x 2 - 32 x 3	01243 3	T 2010 74	25	
	32 x 3 - 20 x 2 - 32 x 3	01244 0	T 2010 75	25	
	32 x 3 - 26 x 3 - 32 x 3	01245 7	T 2010 76	25	






Sliding sleeve fittings for HERZ QUICK FIX

All water-carrying parts are made of dezincification-resistant and drinking water-hygienic brass and therefore suitable for use in drinking water applications as well as in heating and cooling applications.

Model		Dim.	EAN 90 04174	Order number	Sale Unit	€
	T-piece reduced.	20 x 2 - 16 x 2 - 16 x 2	01246 4	T 2010 81	50	
		20 x 2 - 20 x 2 - 16 x 2	01247 1	T 2010 82	50	
		26 x 3 - 16 x 2 - 20 x 2	01248 8	T 2010 83	30	
		26 x 3 - 20 x 2 - 16 x 2	01249 5	T 2010 84	30	
		26 x 3 - 20 x 2 - 20 x 2	01251 8	T 2010 85	30	
		26 x 3 - 26 x 3 - 16 x 2	01252 5	T 2010 86	30	
		26 x 3 - 26 x 3 - 20 x 2	01253 2	T 2010 87	20	
		32 x 2 - 20 x 2 - 26 x 3	01254 9	T 2010 88	25	
		32 x 2 - 26 x 3 - 26 x 3	01256 3	T 2010 89	25	
		32 x 2 - 32 x 2 - 20 x 2	01257 0	T 2010 90	25	
		32 x 2 - 32 x 2 - 26 x 3	01258 7	T 2010 91	25	
	T-piece expanded.	16 x 2 - 20 x 2 - 16 x 2	01259 4	T 2011 01	50	
		20 x 2 - 26 x 3 - 20 x 2	01261 7	T 2011 02	25	
	Coupling	16 x 2 - 16 x 2	01262 4	T 2011 11	150	
		20 x 2 - 20 x 2	01263 1	T 2011 12	120	
		26 x 3 - 26 x 3	01264 8	T 2011 13	80	
		32 x 3 - 32 x 3	01266 2	T 2011 14	50	
	Reduction	20 x 2 - 16 x 2	01267 9	T 2011 21	120	
		26 x 3 - 16 x 2	01268 6	T 2011 22	80	
		26 x 3 - 20 x 2	01269 3	T 2011 23	80	
		32 x 3 - 26 x 3	01271 6	T 2011 24	60	
	Press fitting end cap	16 x 2	01272 3	T 2011 31	200	
		20 x 2	01273 0	T 2011 32	150	





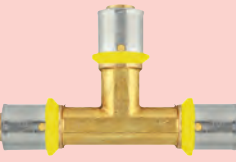

Sliding sleeve fittings for HERZ QUICK FIX

All water-carrying parts are made of dezincification-resistant and drinking water-hygienic brass and therefore suitable for use in drinking water applications as well as in heating and cooling applications.

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Junction with male thread.</p>	16 x 2 - R 1/2	01274 7	T 2011 41	150	
	20 x 2 - R 1/2	01276 1	T 2011 42	120	
	20 x 2 - R 3/4	01277 8	T 2011 43	120	
	26 x 3 - R 3/4	01278 5	T 2011 44	80	
	26 x 3 - R 1	01279 2	T 2011 45	70	
	32 x 3 - R 1	01281 5	T 2011 46	60	
	32 x 3 - R 5/4	01282 2	T 2011 47	40	
 <p>Junction with female thread.</p>	16 x 2 - R 1/2	01283 9	T 2011 51	120	
	20 x 2 - R 1/2	01284 6	T 2011 52	100	
	20 x 2 - R 3/4	01286 0	T 2011 53	100	
	26 x 3 - R 1/2	01287 7	T 2011 54	80	
	26 x 3 - R 3/4	01288 4	T 2011 55	80	
	26 x 3 - R 1	01289 1	T 2011 56	60	
	32 x 3 - R 1	01291 4	T 2011 57	50	
 <p>Wall angle U-shaped.</p>	16 - Rp 1/2 - 16	01292 1	T 2011 61	30	
	20 - Rp 1/2 - 20	01293 8	T 2011 62	30	
 <p>Radiator connection angle nickel-plated short 300 mm.</p>	16 x 2 - 15 mm	01294 5	T 2011 71	60	
	20 x 2 - 15 mm	01296 9	T 2011 72	60	
	16 x 2 - 15 mm	02320 8	T 2011 73	2	
	20 x 2 - 15 mm	02309 5	T 2011 74	2	
 <p>Radiator connection T-piece nickel-plated short 300 mm.</p>	16 x 2 - 15 mm	02312 5	T 2011 81	40	
	20 x 2 - 15 mm	02313 2	T 2011 82	40	
	16 x 2 - 15 mm	02314 9	T 2011 83	2	
	20 x 2 - 15 mm	02315 6	T 2011 84	2	






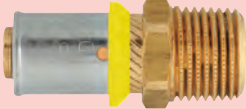

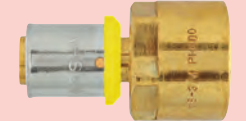








Press fittings of brass for natural gas

Stainless steel sleeve, double O-ring of HNBR dyed yellow, plastic ring for centring the sleeve dyed yellow, operating temperature -20°C to +60°C, max. operating pressure 100 mbar





Model	Dim.	PN	EAN 90 04174	Order number	Sale Unit	€
 	Coupling straight					
	16 x 2.0	0.1	95200 5	G 7016 00	200	
	20 x 2.0	0.1	95210 4	G 7020 00	150	
	26 x 3.0	0.1	95220 3	G 7026 00	100	
 	Reduction					
	20 x 2.0 - 16 x 2.0	0.1	95240 1	G 7020 01	150	
	26 x 3.0 - 16 x 2.0	0.1	95250 0	G 7026 01	100	
	26 x 3.0 - 20 x 2.0	0.1	95260 9	G 7026 02	100	
	32 x 3.0 - 20 x 2.0	0.1	95270 8	G 7032 02	60	
 	T-piece					
	16 x 2.0	0.1	95290 6	G 7216 00	60	
	20 x 2.0	0.1	95300 2	G 7220 00	50	
	26 x 3.0	0.1	95310 1	G 7226 00	30	
	32 x 3.0	0.1	95320 0	G 7232 00	25	
	T-piece reduced					
	16 x 2.0 - 20 x 2.0 - 16 x 2.0	0.1	95330 9	G 7216 03	50	
	26 x 3.0 - 32 x 3.0 - 26 x 3.0	0.1	95340 8	G 7226 17	50	
	20 x 2.0 - 16 x 2.0 - 20 x 2.0	0.1	95350 7	G 7220 01	30	
	26 x 3.0 - 16 x 2.0 - 26 x 3.0	0.1	95360 6	G 7226 03	30	
	26 x 3.0 - 20 x 2.0 - 26 x 3.0	0.1	95370 5	G 7226 05	30	
	32 x 3.0 - 20 x 2.0 - 32 x 3.0	0.1	95380 4	G 7232 04	30	
32 x 3.0 - 26 x 2.0 - 26 x 3.0	0.1	95390 3	G 7232 07	30		

Press fittings of brass for natural gas


Stainless steel sleeve, double O-ring of HNBR dyed yellow, plastic ring for centring the sleeve dyed yellow, operating temperature -20°C to +60°C, max. operating pressure 100 mbar

Model	Dim.	PN	EAN 90 04174	Order number	Sale Unit	€
 	T-piece reduced					
	20 x 2.0 - 16 x 2.0 - 16 x 2.0	0.1	95400 9	G 7220 03	50	
	26 x 3.0 - 20 x 2.0 - 16 x 2.0	0.1	95410 8	G 7226 13	30	
	32 x 3.0 - 26 x 3.0 - 26 x 3.0	0.1	95420 7	G 7232 09	30	
 	T-piece with female thread					
	16 x 2.0 - 1/2 - 16 x 2.0	0.1	95440 5	G 7216 41	60	
	20 x 2.0 - 1/2 - 20 x 2.0	0.1	95450 4	G 7220 41	50	
	26 x 3.0 - 1/2 - 26 x 3.0	0.1	95460 3	G 7226 41	30	
 	Junction with male thread					
	16 x 2.0 - R 1/2	0.1	95480 1	G 7016 11	150	
	20 x 2.0 - R 1/2	0.1	95490 0	G 7020 11	150	
	20 x 2.0 - R 3/4	0.1	95500 6	G 7020 12	150	
	26 x 3.0 - R 3/4	0.1	95510 5	G 7026 12	100	
 	Junction with female thread					
	32 x 3.0 - R 1	0.1	95520 4	G 7032 13	70	
	16 x 2.0 - Rp 1/2	0.1	95530 3	G 7016 21	150	
	20 x 2.0 - Rp 1/2	0.1	95540 2	G 7020 21	150	
	20 x 2.0 - Rp 3/4	0.1	95550 1	G 7020 22	100	
	26 x 3.0 - Rp 3/4	0.1	95560 0	G 7026 22	100	
 	Angle 90°					
	26 x 3.0 - Rp 1	0.1	95570 9	G 7026 23	70	
	32 x 3.0 - Rp 1 1/4	0.1	95580 8	G 7032 24	30	
	16 x 2.0	0.1	95590 7	G 7116 00	150	
 	Wall angle short					
	20 x 2.0	0.1	95600 3	G 7120 00	80	
	26 x 3.0	0.1	95610 2	G 7126 00	50	
	32 x 3.0	0.1	95620 1	G 7132 00	30	
 	Wall angle short					
	16 x 2.0 - R 1/2	0.1	95630 0	G 7116 31	50	
	20 x 2.0 - R 1/2	0.1	95640 9	G 7120 31	50	
	20 x 2.0 - R 3/4	0.1	95650 8	G 7120 32	50	
 	Wall angle short					
26 x 3.0 - R 3/4	0.1	95660 7	G 7126 32	50		



Screw connections Coupling

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Coupling for connection of plastic pipes. Brass version. Compression adapter G 3/4 with cone for pipe connection must be ordered separately.</p>	G 1/2	60470 6	1 6262 01	20	
	G 3/4	60460 7	1 6262 02	20	
	G 1	60510 9	1 6262 03	10	
	G 1 x 3/4	63530 7	1 6262 04	20	
 <p>Coupling for connection of plastic pipes. Nickel-plated. Compression adapter G 3/4 with cone for pipe connection must be ordered separately.</p>	G 3/4	60587 1	1 6262 12	20	
 <p>Adapter for universal and inclined body valves for universal and inclined body valves. Compression adapters for pipe connections must be ordered separately.</p>	G 1/2 x M 22 x 1.5	60500 0	1 6272 01	10	
	G 3/4 x G 1/2	60490 4	1 6266 01	100	
	G 1/2 x R 1/2	16630 3	1 6266 11	10	
	G 3/4 x R 1/2	16640 2	1 6266 12	10	
	G 3/4 x R 3/4	16650 1	1 6266 20	10	
	G 1 x R 3/4	16660 0	1 6266 13	10	
	G 1 x Rc 1	64700 0	1 6266 03	1	
 <p>Plastic pipe connection nipple of brass, nickel-plated, for direct distributor connection, conically-sealing. Female, male thread. Compression adapter for pipe connection must be ordered separately.</p>	G 3/4 x Rp 1/2	60480 5	1 6265 01	10	
	G 1/2 x Rp 1/2	16590 0	1 6265 11	10	
	G 3/4 x Rp 3/4	16600 6	1 6265 12	10	
	G 1 x Rp 3/4	16610 5	1 6265 13	10	
	G 1 x Rp 1	16620 4	1 6265 14	10	
	1/2 x M 22 x 1.5	63260 0	1 6275 22	20	








Plastic skirting board system

Model	Colour	EAN 90 04174	Order number	Sale Unit (m)	€
 <p>HERZ skirting board, 4000 x 40 x 88 mm of recycled PVC hollow-chamber profile coated with lightfast film, extruded-on sealing lip in skirting board colour, clickclack snap-on fastening to the board clips, sale unit 25 pieces (4 m each).</p>	Light oak	00210 6	3 S910 10	100	
	White ash	00220 5	3 S910 30	100	
	Beech	00230 4	3 S970 40	100	
	Birch	00240 3	3 S970 50	100	
	Pure white	02240 1	3 S970 60	100	
<p>HERZ plastic skirting board PVC hollow-chamber profile white. Extruded-on sealing lip white, clickclack fastening to the board clips.</p>					

Pipe and skirting board clips

	<p>HERZ pipe clip fixed up to pipe diameter 22 mm For fastening or subsequent installation of HERZ skirting boards on already installed pipes, not height-adjustable. Fastening with nail anchor 3 S130 60 6 x 60 mm, 1 piece/m of skirting board required.</p>	White	00410 0	3 S912 00	50	
	<p>HERZ sliding clip up to pipe diameter 22 mm For fastening or subsequent installation of HERZ skirting boards on already installed pipes, height-adjustable up to 15 mm. Fastening with nail anchor 3 S130 60 6 x 60 mm, 1 piece/m of skirting board required.</p>	Black	00430 8	3 S940 00	50	


Plastic skirting board system Connecting materials

Model	Colour	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ butt joint connection piece of recycled PVC, surface decor etched, for covering the butt joint.</p>	Light oak	00450 6	3 S912 10	50	
	White ash	00460 5	3 S912 30	50	
	Beech	00470 4	3 S918 30	50	
	Birch	00480 3	3 S919 30	50	
	Pure white	02260 9	3 S919 31	50	
 <p>HERZ external angle of recycled PVC, surface decor etched, for covering mitre cuts.</p>	Light oak	02090 2	3 S912 50	50	
	White ash	02100 8	3 S912 70	50	
	Beech	02110 7	3 S918 40	50	
	Birch	02120 6	3 S919 40	50	
 <p>HERZ internal angle of recycled PVC, surface decor etched, for covering mitre cuts.</p>	Light oak	02130 5	3 S912 90	50	
	White ash	02140 4	3 S913 10	50	
	Beech	02150 3	3 S918 50	50	
	Birch	02160 2	3 S919 50	50	
 <p>HERZ external angle, plug-in type of recycled PVC, surface decor etched, no mitre cuts necessary.</p>	Light oak	00490 2	3 S958 10	50	
	White ash	00500 8	3 S958 30	50	
	Beech	00510 7	3 S918 80	50	
	Birch	00520 6	3 S919 80	50	
	Pure white	02270 8	3 S919 81	50	
 <p>HERZ internal angle, plug-in type of recycled PVC, surface decor etched, no mitre cuts necessary.</p>	Light oak	00530 5	3 S958 50	50	
	White ash	00540 4	3 S958 70	50	
	Beech	00550 3	3 S918 90	50	
	Birch	00560 2	3 S919 90	50	
	Pure white	02280 7	3 S919 91	50	
 <p>HERZ finishing cover, right of recycled PVC, surface decor etched, for covering open skirting board ends.</p>	Light oak	00570 1	3 S913 30	50	
	White ash	00580 0	3 S913 50	50	
	Beech	00590 9	3 S918 60	50	
	Birch	00600 5	3 S919 60	50	
	Pure white	02290 6	3 S919 61	50	
 <p>HERZ finishing cover, left of recycled PVC, surface decor etched, for covering open skirting board ends.</p>	Light oak	00610 4	3 S913 70	50	
	White ash	00620 3	3 S913 90	50	
	Beech	00630 2	3 S918 70	50	
	Birch	00640 1	3 S919 70	50	
	Pure white	00230 2	3 S919 71	50	


Pipe cutters

Model		EAN 90 04174	Order number	Sale Unit	€
	Suitable for dimensions 10 to 40 mm (REMS reference article number 290050)	16140 7	P 2010 11	1	
	Suitable for dimensions 10 to 63 mm (REMS reference article number 290000)	16150 6	P 2010 16	1	
	Suitable for dimensions up to 35 mm (REMS reference article number 291220)	16160 5	P 2010 14	1	
	Suitable for dimensions 6 to 67 mm (Rothenberger reference article number 70031)	02687 4	P 2010 39	1	
	Suitable for dimensions up to 75 mm (Rothenberger reference article number 52015)	16151 3	P 2010 37	1	
	Suitable for dimensions 6 to 42 mm (Rothenberger reference article number 55015)	02688 1	P 2010 38	1	

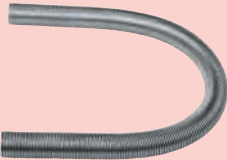
Test pumps

	Precision test pump RP 50-S For pressure and leak testing of pipe systems, tanks in sanitary and heating installations, from 0–60 bar Tank volume: 12 l Connection: R 1/2. (Rothenberger reference article number 60200)	17126 0	P 2010 40	1	
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Bending tools

	Bending machine Tube Bender Maxi: Universal bending device for precise bending up to 90° of pipes between 14–32 mm in diameter. (Rothenberger reference article number 23095)	17127 7	P 2010 41	1	
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Bending spring

	Inside 16 x 2	16170 4	P 2021 61	1	
	Outside 20 x 2	16180 3	P 2022 01	1	
	Inside 26 x 3	16190 2	P 2022 61	1	
	Outside 14	16240 4	P 2021 42	1	
	Outside 16	16200 8	P 2021 62	1	
	Outside 18	16250 3	P 2021 82	1	
	Outside 20	16210 7	P 2022 02	1	
	Outside 26	16220 6	P 2022 62	1	



Universal calibrator, with standard grip, mounted

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Calibrator</p>	10 x 1.3	99911 6	3 F010 11	1	
	16 x 2	19900 4	P 2011 74	1	
	20 x 2	19920 2	P 2011 76	1	
	26 x 3	19930 1	P 2011 78	1	
	32 x 3	19940 0	P 2011 79	1	
	40 x 3.5	19950 9	P 2011 80	1	
	50 x 4	19970 7	P 2011 83	1	
	63 x 4.5	20010 6	P 2011 87	1	


Universal calibrator, usable with standard and click grip or for clamping directly in typical powered screwdrivers

 <p>Calibrator with hex head.</p>	16 x 2	16920 5	P 2010 74	1	
	20 x 2	16940 3	P 2010 76	1	
	26 x 3	16950 2	P 2010 78	1	
	32 x 3	16960 1	P 2010 79	1	
	40 x 3.5	16970 0	P 2010 80	1	
	50 x 4	16990 8	P 2010 83	1	
	63 x 4.5	19880 9	P 2010 87	1	

Grips

 <p>Click grip for universal calibrator.</p>	All dimensions	16890 1	P 2010 70	1	
 <p>Standard grip for calibrators.</p>	All dimensions	16900 7	P 2010 71	1	

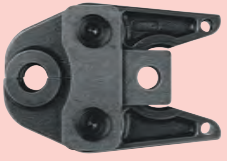

PIPEFIX unpressed leak path calibrator

 <p>Calibrator unpressed leak path.</p>	16 x 2	10000 0	P 2016 20	1	
	20 x 2	10001 7	P 2020 20	1	
	26 x 3	10002 4	P 2026 20	1	
	32 x 3	10003 1	P 2032 20	1	
	40 x 3.5	10004 8	P 2040 20	1	
	50 x 4	10005 5	P 2050 20	1	
	63 x 4.5	10006 2	P 2063 20	1	
	75 x 5.0	10035 2	P 2010 91	-	


Battery-Powered Pressing Tools and Accessories Rems

Model	EAN 90 04174	Order number	Reference article no.	Sale Unit	€
 <p>Universal powered pressing tool for attaching press fittings up to 63 mm, including case of sheet steel 230 V, 50 Hz.</p>	15850 6	P 2010 09	REMS 577011	1	
 <p>Universal battery-powered pressing tool for attaching press fittings up to 63 mm, including case of sheet steel Li-ion battery.</p>	15810 0	P 2010 08	REMS 571013	1	
 <p>Sheet steel case with insert. The case is delivered without contents. (REMS reference article number: 570280).</p>	15830 8	P 2010 00	REMS 570280	1	
 <p>Li-ion battery 14.4 V, 3.0 Ah for pressing tool after 2012.</p>	20781 5	P 2010 61	REMS 571555	1	
 <p>Fast charger Li-ion/Ni-Cd 23 V (REMS reference article number 571560).</p>	15970 1	P 2010 12	REMS 571560	1	




Press jaw (TH) for pressing tool (battery, 230 V)

Model	Dim.	EAN 90 04174	Order number	Reference article no.	Sale Unit	€
 <p>Press jaw for pressing tool.</p>	10	20650 4	P 2011 19	REMS 570467	1	
	16	15870 4	P 2011 22	REMS 570460	1	
	20	15900 8	P 2011 24	REMS 570470	1	
	26	15920 6	P 2011 26	REMS 570475	1	
	32	15930 5	P 2011 27	REMS 570480	1	
	40	15940 4	P 2011 28	REMS 570485	1	
	50	15950 3	P 2011 29	REMS 572400	1	
	63	15960 2	P 2011 30	REMS 572405	1	
	75	68652 8	P 2011 32	REMS 572829	1	
 <p>Case of sheet steel for six press jaws and one pipe cutter. The case is delivered without contents. (REMS reference article number: 570295).</p>		15805 6	P 2011 00	REMS 570295	1	

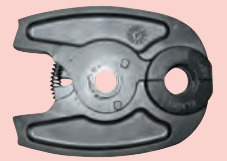
Hand lever for all press jaws

 <p>Lever suitable for press jaws of all pressing tools, dimension 10–26. The press jaws must be ordered separately.</p>		17070 6	P 2010 05	REMS 574000	1	
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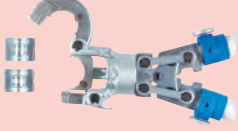
Klauke

 <p>Battery-powered pressing tool 18 V (Mini) incl. plastic case, battery and charger</p>		02718 5	P 2010 50	Klauke MAP2L	1	
 <p>Additional battery for pressing tool 18 V/1.5Ah Li-ion</p>		02719 2	P 2010 48	Klauke RAL1	1	
 <p>Replacement charger for 18 V Li-ion battery</p>		02720 8	P 2010 49	Klauke LGL1	1	





Press jaw (TH) for battery-powered pressing tool

 <p>Press jaw for battery-powered pressing tool Klauke "MAP2L" 18 V, profile TH</p>	16	10501 2	P 2010 31	SBM16N	1	
	20	10521 0	P 2010 33	SBM20N	1	
	26	10531 9	P 2010 34	SBM26N	1	
	32	10541 8	P 2010 35	SBM32N	1	



Handheld crimping pliers

Model		EAN 90 04174	Order number	Reference article no. Klauke	Sale Unit	€
	Handheld crimping pliers	15990 9	P 2010 20	MP32N	1	
	Insert 14	16000 4	P 2010 21	WE14N	1	
	Insert 16	16010 3	P 2010 22	WE16N	1	
	Insert 18	16020 2	P 2010 23	WE18N	1	
	Insert 20	16030 1	P 2010 24	WE20N	1	
	Insert 26	16040 0	P 2010 25	WE26N	1	
	Insert 32	16050 9	P 2010 26	WE32N	1	


Rothenberger

Model	Dim.	EAN 90 04174	Order number	Reference order no.	Sale Unit	€
	ROMAX 4000: Electrohydraulic press machine for battery operation 18 V, for pressing of HERZ PIPEFIX, suitable for sustained use, pressing process ~5 s, extremely low weight and balanced weight distribution, weight 3.6 kg without press jaw, press jaw chuck rotates 270°. 18V - 4Ah	02696 6	P 2010 62	Rothenberger 1000001840	1	
	As described above, but as complete set including press jaws TH16- 20- 26	02697 3	P 2010 63	Rothenberger 1000001925	1	
	ROMAX 3000 AC: Electrohydraulic press machine for mains operation 230 V, for pressing of HERZ PIPEFIX, suitable for sustained use, pressing process ~5 s, extremely low weight and balanced weight distribution, weight 3.8 kg without press jaw, press jaw chuck rotates 270°.	20811 9	P 2011 40	Rothenberger 1000001001	1	
	Press jaw TH for ROMAX 4000/3000AC	16	20812 6	P 2011 42	Rothenberger 15322x	1
	Press jaw TH for ROMAX 4000/3000AC	20	20813 3	P 2011 43	Rothenberger 15324x	1
	Press jaw TH for ROMAX 4000/3000AC	26	20814 0	P 2011 44	Rothenberger 15326x	1
	Press jaw TH for ROMAX 4000/3000AC	32	20815 7	P 2011 45	Rothenberger 15327x	1
	Press jaw TH for ROMAX 4000/3000AC	40	20816 4	P 2011 46	Rothenberger 15328x	1
	Press jaw TH for ROMAX 4000/3000AC	50	02698 0	P 2010 65	Rothenberger 1000001810	1
	Press jaw TH for ROMAX 4000/3000AC	63	02699 7	P 2010 66	Rothenberger 1000001811	1
	Replacement Li-ion battery 18 V, 4.0 Ah for ROMAX 4000		02704 8	P 2010 68	Rothenberger 1000001653	1



Tool for HERZ-QUICK FIX

Model		EAN 90 04174	Order number	Reference article no.	Sale Unit	€
	Battery-powered axial press with automatic return for attaching sliding sleeves, with battery, case, charger, 14.4 V, Li-ion.	02293 7	P 2012 30	REMS 573033	1	
	Sheet steel case with insert, empty.	02294 4	P 2012 34	REMS 578290	1	



Battery-powered pipe expander, complete

	Battery-powered pipe expander for aluminium composite pipes with case, battery. Charger, 14.4 V. Li-ion.	02296 8	P 2012 50	REMS 575018	1	
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Battery-powered tool accessories

	Fast charger Li-ion/Ni-Cd 230 V, 50–60 Hz, 65 W.	02297 5	P 2012 32	REMS 571560	1	
	Battery Li-ion plus 14.4 V, 3.2 A.	02298 2	P 2012 33	REMS 571555	1	


Handheld pressing tool

	Handheld axial press for attaching sliding sleeves 12–32 mm.	02302 6	P 2012 40	REMS 574300	1	
	Carry case for handheld axial press	02303 3	P 2012 41	REMS 574437	1	


Handheld expanding pliers

	Expanding pliers P (18 degrees).	02306 4	P 2012 60	REMS 150510	1	
	Sheet steel case with insert for expanding pliers, empty.	02307 1	P 2012 61	REMS 150600	1	

Expanding heads

Model		Dim.	EAN 90 04174	Order number	Reference article no.	Sale Unit	€
	Expanding head for attaching sliding sleeves.	16 x 2	02323 1	P 2013 05	REMS 150806	56	
	Expanding head for attaching sliding sleeves.	20 x 2	02324 8	P 2013 06	REMS 150807	56	
	Expanding head for attaching sliding sleeves.	26 x 3	02325 5	P 2013 07	REMS 150808	56	
	Expanding head for attaching sliding sleeves.	32 x 3	02326 2	P 2013 08	REMS 150809	56	

Press heads









	Press head for attaching sliding sleeves.	16 x 2	02332 3	P 2013 14	REMS 573312	56	
	Press head for attaching sliding sleeves.	20 x 2	02327 9	P 2013 15	REMS 573314	56	
	Press head for attaching sliding sleeves.	26 x 3	02328 6	P 2013 16	REMS 573316	56	
	Press head for attaching sliding sleeves.	32 x 3	02329 3	P 2013 17	REMS 573318	56	







11

Gas Systems





Ball valves PN 1 for gas systems

Model	Dim.	MOP	PN	EAN	Order number	Sale Unit	€
 	Ball valve with sheet steel hand lever Body of brass according to EN 12165, with O-ring seal for ball and spindle, threaded sockets on both sides. Suitable for gas installations according to ÖVGW, nominal pressure PN 1 (HTB 650°C/30 min), operating temperature -20°C to +60°C.	5	1	DN 10	3838963421153	1 2300 20	25
	DN 15			3838963421160	1 2300 21	25	
	DN 20			3838963421177	1 2300 22	25	
	DN 25			3838963421184	1 2300 23	20	
	DN 32			3838963421191	1 2300 24	16	
	DN 40			3838963421207	1 2300 25	8	
	DN 50			3838963421214	1 2300 26	4	
 	Ball valve with sheet steel T-handle Body of brass according to EN 12165, with O-ring seal for ball and spindle, threaded sockets on both sides. Suitable for gas installations according to ÖVGW, nominal pressure PN 1 (HTB 650°C/30 min), operating temperature -20°C to +60°C.	5	1	DN 10	3838963421245	1 2300 30	25
	DN 15			3838963421252	1 2300 31	25	
	DN 20			3838963421269	1 2300 32	25	
	DN 25			3838963421276	1 2300 33	20	
	DN 32			3838963421283	1 2300 34	16	
 	Ball valve with sheet steel hand lever Body of brass according to EN 12165, with O-ring seal for ball and spindle, threaded sockets on both sides. Suitable for gas installations according to DIN-DVGW G 260, nominal pressure PN 1 (HTB 650°C/30 min), operating temperature -20°C to +60°C.	5	1	DN 15	3830002828022	1 2300 01	25
	DN 20			3830002828039	1 2300 02	25	
	DN 25			3830002828046	1 2300 03	20	
	DN 32			3830002828053	1 2300 04	16	
	DN 40			3830002828060	1 2300 05	8	
	DN 50			3830002828077	1 2300 06	4	
 	Ball valve with sheet steel T-handle Body of brass according to EN 12165, with O-ring seal for ball and spindle, threaded sockets on both sides. Suitable for gas installations according to DIN-DVGW G 260, nominal pressure PN 1 (HTB 650°C/30 min), operating temperature -20°C to +60°C.	5	1	DN 10	3830002828107	1 2300 10	25
	DN 15			3830002828114	1 2300 11	25	
	DN 20			3830002828121	1 2300 12	25	
	DN 25			3830002828138	1 2300 13	20	
	DN 32			3830002828145	1 2300 14	16	


Ball valves PN 1 for gas systems

Model	Dim.	MOP	PN	EAN	Order number	Sale Unit	€
 	DN 15	5	1	3830002828329	1 2302 01	25	
	DN 20			3830002828336	1 2302 02	25	
	DN 25			3830002828343	1 2302 03	20	
 	DN 15	5	1	3830002828367	1 2302 11	25	
	DN 20			3830002828374	1 2302 12	25	
	DN 25			3830002828381	1 2302 13	20	





Ball valves for gas systems

Model	Dim.	MOP	EAN	Order number	Sale Unit	€
 <p>Ball valve for device connection with plastic grip, angle version Body of brass according to EN 12165, nickel-plated, with double O-ring seal for spindle, ball with Teflon seal, both sides MT, safety actuation by pressing and turning the hand grip. Nominal pressure PN 1, operating temperature -20°C to +60°C.</p>	DN 10	5	3830002828565	1 2362 00	25	
 <p>Ball valve for device connection with plastic grip, angle version Body of brass according to EN 12165, nickel-plated, with double O-ring seal for spindle, ball with Teflon seal, FT x MT, safety actuation by pressing and turning the hand grip. Nominal pressure PN 1, operating temperature -20°C to +60°C.</p>	DN 10	5	3830002828589	1 2372 01	25	
 <p>Ball valve for device connection with T-handle, angle version Body of brass according to EN 12165, nickel-plated, with double O-ring seal for spindle, ball with Teflon seal, both sides MT, nominal pressure PN 1, operating temperature -20°C to +60°C.</p>	DN 10	5	3830002828602	1 2362 10	25	
 <p>Ball valve for device connection with T-handle, angle version Body of brass according to EN 12165, nickel-plated, with double O-ring seal for spindle, ball with Teflon seal, FT x MT, nominal pressure PN 1, operating temperature -20°C to +60°C.</p>	DN 10	5	3830002828626	1 2372 11	25	




Ball valve for device connection

Model	Dim.	MOP	PN	EAN	Order number	Sale Unit	€
 <p>Ball valve for device connection with plastic grip, straight model Body of brass according to EN 12165, nickel-plated, with double O-ring seal for spindle, ball with Teflon seal, FT x conically-sealing screw connection with weld-on end, safety actuation by pressing and turning the hand grip. DVGW testing pending, nominal pressure, operating temperature -20°C to +60°C, with thermally-activated valve protection. Nominal pressure PN 1 (HTB 925°C/60 min.)</p>	DN 15			3838963420910	1 2362 21	25	
	DN 20	5	1	3838963420927	1 2362 22	25	
	DN 25			3838963420934	1 2362 23	25	


Ball valves for gas systems

Model	Dim.	MOP	PN	EAN	Order number	Sale Unit	€
 <p>Ball valve for device connection with plastic grip, straight model Body of brass according to EN 12165, nickel-plated, with double O-ring seal for spindle, ball with Teflon seal, FT x conically-sealing iron pipe connection, safety actuation by pressing and turning the hand grip. DVGW testing pending, operating temperature -20°C to +60°C, with thermally-activated valve protection. Nominal pressure PN 1 (HTB 925°C/60 min.)</p>	DN 15	5	1	3838963420941	1 2362 31	25	
 <p>Ball valve for device connection with plastic grip, straight model Body of brass according to EN 12165, nickel-plated, with double O-ring seal for spindle, ball with Teflon seal, FT x conically-sealing screw connection with weld-on end, safety actuation by pressing and turning the hand grip. DVGW testing pending, operating temperature -20°C to +60°C, with thermally-activated valve protection. Nominal pressure PN 1 (HTB 650°C/30 min.)</p>	DN 15	5	1	3838963420958	1 2363 01	25	
 <p>Ball valve for device connection with plastic grip, straight model Body of brass according to EN 12165, nickel-plated, with double O-ring seal for spindle, ball with Teflon seal, FT x conically-sealing iron pipe connection, safety actuation by pressing and turning the hand grip. DVGW testing pending, operating temperature -20°C to +60°C, with thermally-activated valve protection. Nominal pressure PN 1 (HTB 650°C/30 min.)</p>	DN 15	5	1	3838963420965	1 2363 11	25	
 <p>Ball valve for device connection with plastic grip, angle version Body of brass according to EN 12165, nickel-plated, with double O-ring seal for spindle, ball with Teflon seal, MT x conically-sealing screw connection with weld-on end, safety actuation by pressing and turning the hand grip. DVGW testing pending, operating temperature -20°C to +60°C, with thermally-activated valve protection. Nominal pressure PN 1 (HTB 650°C/30 min.)</p>	DN 15			3838963420972	1 2362 41	25	
	DN 20	5	1	3838963420989	1 2362 42	25	
	DN 25			3838963420996	1 2362 43	25	

Ball valves for gas systems

Model	Dim.	MOP	PN	EAN	Order number	Sale Unit	€
 <p>Ball valve for device connection with plastic grip, angle version Body of brass according to EN 12165, nickel-plated, with double O-ring seal for spindle, ball with Teflon seal, MT x conically-sealing iron pipe connection, safety actuation by pressing and turning the hand grip. DVGW testing pending, operating temperature -20°C to +60°C, with thermally-activated valve protection. Nominal pressure PN 1 (HTB 650°C/30 min.)</p>	DN 15	5	1	3838963421009	1 2362 51	25	
 <p>Ball valve for device connection with plastic grip, angle version Body of brass according to EN 12165, nickel-plated, with double O-ring seal for spindle, ball with Teflon seal, FT x conically-sealing screw connection with weld-on end, safety actuation by pressing and turning the hand grip. DVGW testing pending, operating temperature -20°C to +60°C, with thermally-activated valve protection. Nominal pressure PN 1 (HTB 650°C/30 min.)</p>	DN 15	5	1	3838963421016	1 2363 21	25	
 <p>Ball valve for device connection with plastic grip, angle version Body of brass according to EN 12165, nickel-plated, with double O-ring seal for spindle, ball with Teflon seal, FT x conically-sealing iron pipe connection, safety actuation by pressing and turning the hand grip. DVGW testing pending, operating temperature -20°C to +60°C, with thermally-activated valve protection. Nominal pressure PN 1 (HTB 650°C/30 min.)</p>	DN 15	5	1	3838963421023	1 2363 31	25	

Strainer for gas

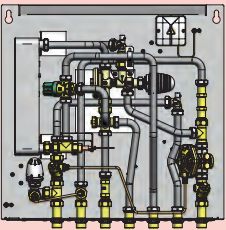
Model	Dim.	PN	EAN	Order number	Sale Unit	€
 <p>Strainer for gas Body of brass according to EN 12165, threaded sockets on both sides, suitable for gas installations according to DIN-DVGW G 260 table. Nominal pressure PN 5, operating temperature -20°C to +60°C.</p>	DN 15	5	3830002828947	1 2319 01	25	
	DN 20		3830002828954	1 2319 02	25	
	DN 25		3830002828961	1 2319 03	20	



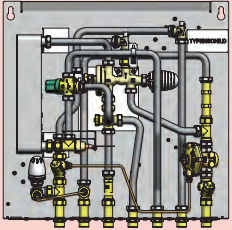
12

Systems

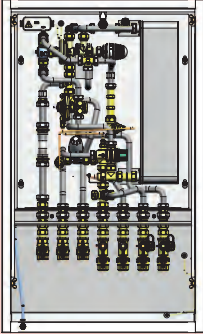
Residential unit hydraulic interface unit Decentralised water heater with heating connection

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>WÜS DELUXE, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to radiator heaters. Installation as flush mounted version with flush box or as surface-mounted version with cover.</p> <p>The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature • Scalding protection with built-in HERZ drinking water mixing valve • Differential pressure controller on the heating side, permanently set to 23 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Actuating drive for installation on differential pressure controller; 230 V, 50 Hz, normally closed • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line <p>Max. operating temperature 90°C, Max. operating pressure 10 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50°C), Heat exchanger output 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4008 04 - HERZ flush box 1 4008 06 - HERZ surface mount cover 1 4008 08 - HERZ measurement, control and draining set for hydraulic interface unit 1 4008 98 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4111 60 	68000 7	1 4008 22	1	
As 1 4008 22 , but Tapping rate 18 l/min. (10/50°C), heat exchanger output 51 kW	68709 9	1 4022 17	1	
As 1 4008 22 , with insulated pipes	68674 0	1 4008 90	1	

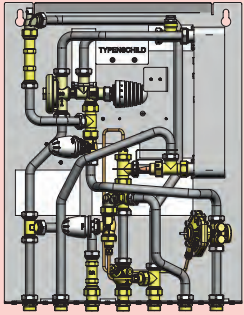
Residential unit hydraulic interface unit Decentralised water heater with heating connection

Model	EAN 90 04174	Order number	Sale Unit	€	
 <p>WÜS DELUXE with hot water priority circuit, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to radiator heaters. Installation as flush mounted version with flush box or as surface-mounted version with cover.</p> <p>The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature with integrated hot water priority circuit • Scalding protection with built-in HERZ drinking water mixing valve • Differential pressure controller on the heating side, permanently set to 23 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Actuating drive for installation on differential pressure controller; 230 V, 50 Hz, normally closed • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line <p>Max. operating temperature 90°C, Max. operating pressure 10 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50°C), Heat exchanger output 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4008 04 - HERZ flush box 1 4008 06 - HERZ surface mount cover 1 4008 08 - HERZ measurement, control and draining set for hydraulic interface unit 1 4008 98 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4111 60 	68360 2	1 4008 20	1		
	As 1 4008 20, but Tapping rate 18 l/min. (10/50°C), heat exchanger power 51 kW	68708 2	1 4022 16	1	
	As 1 4008 20, but Tapping rate 22 l/min. (10/50°C), heat exchanger power 60 kW	68713 6	1 4022 21	1	

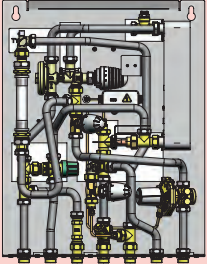
Residential unit hydraulic interface unit Decentralised water heater with heating connection

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>WÜS WIEN DELUXE with hot water priority circuit, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to radiator heaters. Installation as flush version with flush box. The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor. Certification Class A at WIEN ENERGIE</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature with integrated hot water priority circuit • Scalding protection with built-in HERZ drinking water mixing valve • Differential pressure controller on the heating side, permanently set to 13 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm (actuating drive must be ordered separately) • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Cold water meter adapter 130 mm – G 1, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Patented installation system with pre-installation bracket with drip cup • Flush box with front frame and front door (white, powder-coated RAL 9003) • HERZ adapter for sensor mount for temperature sensor (M 10 x 1) for the heat meter <p>Max. operating temperature 90°C, Max. operating pressure 10 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50°C), Heat exchanger output 42 kW, Max. differential pressure 2 bar</p>	68054 0	1 4008 30	1	

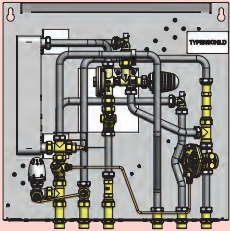
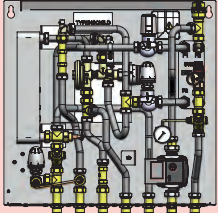
Residential unit hydraulic interface unit Decentralised water heater with heating connection

Model		EAN 90 04174	Order number	Sale Unit	€
 <p>WÜS Kärnten, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to radiator heaters. Installation as flush station or surface-mounted station with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature • Differential pressure controller on the heating side, permanently set to 13 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm (actuating drive must be ordered separately) • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Return temperature limiter for regulation of the return temperature on the heating side • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line <p>Max. operating temperature 90°C, Max. operating pressure 10 bar, Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50°C), Heat exchanger power 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4008 53 - HERZ flush box 1 4008 40 - HERZ surface mount cover 1 4008 42 - HERZ measurement, control and draining set for hydraulic interface unit 1 4008 98 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4111 60 	68673 3	1 4008 36	1		
	As 1 4008 36, but Tapping rate 18 l/min. (10/50°C), heat exchanger power 51 kW	68712 9	1 4022 20	1	

Residential unit hydraulic interface unit Decentralised water heater with heating connection

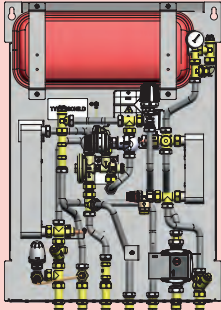
Model	EAN 90 04174	Order number	Sale Unit	€
 <p>WÜS Burgenland, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to radiator heaters. Installation as flush station or surface-mounted station with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature • Scalding protection with built-in HERZ drinking water mixing valve • Differential pressure controller on the heating side, permanently set to 13 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Actuating drive for installation on differential pressure controller; 230 V, 50 Hz, normally closed • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Return temperature limiter for regulation of the return temperature on the heating side • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 190 mm – G 1, also suitable for sustained operation • Strainer with fine mesh in primary supply line <p>Max. operating temperature 90°C, Max. operating pressure 10 bar, Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50°C), Heat exchanger power 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4008 53 - HERZ flush box 1 4008 40 - HERZ surface mount cover 1 4008 42 - HERZ measurement, control and draining set for hydraulic interface unit 1 4008 98 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4111 60 	68370 1	1 4008 35	1	
As 1 4008 36 , but Tapping rate 18 l/min. (10/50°C), heat exchanger power 51 kW	68711 2	1 4022 19	1	

Residential unit hydraulic interface unit Decentralised water heater with heating connection

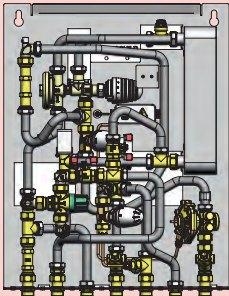
Model		EAN 90 04174	Order number	Sale Unit	€
	<p>WÜS München, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to radiator heaters. Installation as flush station or surface-mounted station with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature • Differential pressure controller on the heating side, permanently set to 23 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Water flow meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4, of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in cold water <p>Max. operating temperature 90°C, Max. operating pressure 10 bar, Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50°C), Heat exchanger power 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4008 46 - HERZ flush box 1 4008 06 - HERZ surface mount cover 1 4008 08 - HERZ measurement, control and draining set for hydraulic interface unit 1 4008 98 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4111 60 	68080 9	1 4008 45	1	
	<p>WÜS DELUXE Indirect, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to radiator heaters via separation heat exchanger. Installation as flush station or surface-mounted station with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Second heat exchanger for system separation on the secondary heating side • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature • Circulating pump for the secondary heating circuit • Zone valve for the room temperature control; threaded connection for drives M 28 x 1.5 mm • Actuating drive for installation on the zone valve; 230 V, 50 Hz, closed without current • Control valve with return temperature limiter for low heating return temperature • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Automatic air vent on secondary side • Pressure relief safety valve 3 bar on secondary side • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line <p>Max. operating temperature 90°C, Max. operating pressure primary 10 bar, Max. operating pressure secondary 3 bar, Max. heating power 10 kW, Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50°C), Heat exchanger power 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4008 04 - HERZ flush box 1 4008 06 - HERZ surface mount cover 1 4008 08 - HERZ measurement, control and draining set for hydraulic interface unit 1 4008 98 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4111 60 	68030 4	1 4008 26	1	

Residential unit hydraulic interface unit Decentralised water heater with heating connection

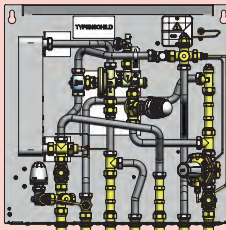
Model	EAN 90 04174	Order number	Sale Unit	€
<p>WÜS Manchester, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to radiator heaters via separation heat exchanger. Installation as flush station or surface-mounted station with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Second heat exchanger for system separation on the secondary heating side • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature • Circulating pump for the secondary heating circuit • Zone valve for the room temperature control; threaded connection for drives M 28 x 1.5 mm • Actuating drive for installation on the zone valve; 230 V, 50 Hz, normally closed • Control valve with return temperature limiter for low heating return temperature • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Automatic air vent on secondary side • Expansion vessel on secondary side • Pressure relief safety valve 3 bar on secondary side • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line <p>Max. operating temperature 90°C, Max. operating pressure primary 10 bar, Max. operating pressure secondary 3 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50°C), Heat exchanger output 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4008 04 - HERZ flush box 1 4008 85 - HERZ surface mount cover 1 4008 86 - HERZ measurement, control and draining set for hydraulic interface unit 1 4008 98 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4111 60 	68380 0	1 4008 49	1	



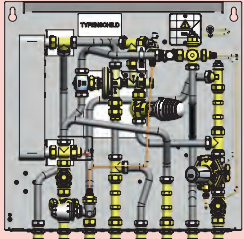
Residential unit hydraulic interface unit Decentralised water heater with heating connection

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>WÜS LEGIO, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to radiator heaters. Installation as flush station or surface-mounted station with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Scalding protection with built-in HERZ drinking water mixing valve • Bypass function for Legionella flushing • Differential pressure controller on the heating side, permanently set to 13 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm (actuating drive must be ordered separately) • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line • Max. tapping rate 5 l/min. during Legionella flushing 70°C supply temperature <p>Max. operating temperature 90°C, Max. operating pressure primary 10 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 18 l/min. (10/45°C), Heat exchanger output 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4008 53 - HERZ flush box 1 4008 40 - HERZ surface mount cover 1 4008 42 - HERZ measurement, control and draining set for hydraulic interface unit 1 4008 98 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4111 60 	68716 7	1 4022 34	1	

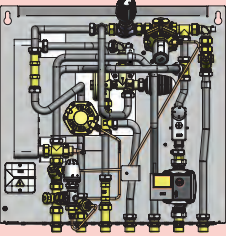
Residential unit hydraulic interface unit Decentralised water heater with floor heating

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>WÜS Pressburg with summer bypass, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to radiator heaters. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature with integrated hot water priority circuit • Differential pressure controller on the heating side, permanently set to 13 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Valve on heating side for regulation of the water flow • Actuating drive for installation on differential pressure controller; 230 V, 50 Hz, normally closed • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Cold water meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line <p>Max. operating temperature 90°C, Max. operating pressure primary 10 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 18 l/min. (10/50°C), Heat exchanger power 51 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4020 97 - HERZ shutoff ball valves in place of the pre-installation bracket 1 4020 99 - HERZ flush box 1 4008 06 - HERZ surface mount cover 1 4008 08 - HERZ measurement, control and draining set for hydraulic interface unit 1 4008 98 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4022 46 	02761 1	1 4020 93	1	
As 1 4020 93 , but without summer bypass	02748 2	1 4020 95	1	

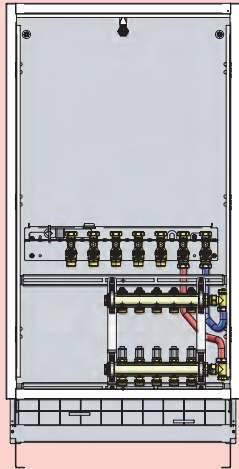
Residential unit hydraulic interface unit Decentralised water heater with heating connection

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>WÜS Pressburg with circulation, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to radiator heaters. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature with integrated hot water priority circuit • Differential pressure controller on the heating side, permanently set to 13 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Valve on heating side for regulation of the water flow • Actuating drive for installation on differential pressure controller; 230 V, 50 Hz, normally closed • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Outlet for hot water circulation • Cold water meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line <p>Max. operating temperature 90°C, Max. operating pressure 10 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 18 l/min. (10/50°C), Heat exchanger power 51 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4020 98 - HERZ shutoff ball valves in place of the pre-installation bracket 1 4020 70 - HERZ flush box 1 4008 06 - HERZ surface mount cover 1 4008 08 - HERZ measurement, control and draining set for hydraulic interface unit 1 4008 98 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4022 46 	02762 8	1 4020 94	1	

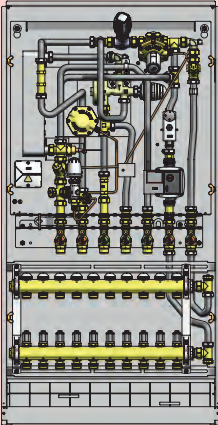
Residential unit hydraulic interface unit Decentralised water heater with heating connection

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>WÜS Deluxe NT, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to low-temperature heating. Installation as flush mounted version with flush box or as surface-mounted version with cover.</p> <p>The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Central temperature controller for controlling the hot water temperature based on the cold water flow pressure • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching • Primary differential pressure controller, permanently set to 50 kPa • Differential pressure controller on the radiator side, permanently set to 13 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Actuating drive for installation on differential pressure controller; 230 V, 50 Hz, normally closed • Fixed value control with setting range 20°C – 50°C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line <p>Max. operating temperature 90°C, Max. operating pressure 6 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50°C), Heat exchanger output 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4008 04 - HERZ flush box 1 4008 06 - HERZ surface mount cover 1 4008 08 - HERZ measurement, control and draining set for hydraulic interface unit 1 4008 98 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4022 46 - Flush box with front door and front frame white powder-coated (RAL 9003); pre-installation bar, rod-type distributor with flow meter and upper thermostatic insert 	68677 1	1 4020 10	1	
As 1 4020 10 , but Tapping rate 18 l/min. (10/50°C), heat exchanger power 51 kW	68710 5	1 4022 18	1	

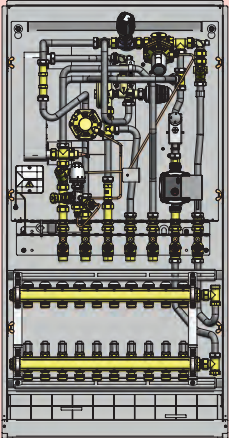
Residential unit hydraulic interface unit Flush box for WÜS DELUXE NT

Model		EAN 90 04174	Order number	Sale Unit	€
	Flush box with front door and front frame white powder-coated (RAL 9003); pre-installation bar, 3x rod-type distributor with flow meter and upper thermostatic insert.	02753 6	1 4022 83	1	
	As 1 4022 83, but with 4x rod-type distributor	02754 3	1 4022 84	1	
	As 1 4022 83, but with 5x rod-type distributor	02755 0	1 4022 85	1	
	As 1 4022 83, but with 6x rod-type distributor	02756 7	1 4022 86	1	
	As 1 4022 83, but with 7x rod-type distributor	02757 4	1 4022 87	1	
	As 1 4022 83, but with 8x rod-type distributor	02758 1	1 4022 88	1	
	As 1 4022 83, but with 9x rod-type distributor	02759 8	1 4022 89	1	
	As 1 4022 83, but with 10x rod-type distributor	02760 4	1 4022 90	1	

Residential unit, hydraulic interface unit Decentralised water heater with floor heating connection

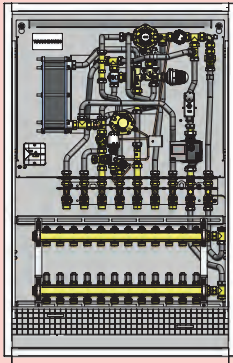
Model	EAN 90 04174	Order number	Sale Unit	€
 <p>WÜS Bregenz 15 l/min., compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to low-temperature heating. Installation as flush version with flush box. The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature • Primary differential pressure controller, permanently set to 50 kPa • Differential pressure controller on the heating side, permanently set to 13 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Actuating drive for installation on differential pressure controller; 230 V, 50 Hz, normally closed • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Fixed value control with setting range 20°C – 50°C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump • Patented installation system with pre-installation bracket • Flush box with front frame and front door (white, powder-coated RAL 9003) • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line • 3x rod-type distributor with flow meter and upper thermostatic insert <p>Max. operating temperature 90°C, Max. operating pressure 6 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50°C), Heat exchanger output 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately: - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4022 46</p>	68700 6	1 4022 03	1	
As 1 4022 03 , but with 4x rod-type distributor	68701 3	1 4022 04	1	
As 1 4022 03 , but with 5x rod-type distributor	68702 0	1 4022 05	1	
As 1 4022 03 , but with 6x rod-type distributor	68703 7	1 4022 06	1	
As 1 4022 03 , but with 7x rod-type distributor	68704 4	1 4022 07	1	
As 1 4022 03 , but with 8x rod-type distributor	68705 1	1 4022 08	1	
As 1 4022 03 , but with 9x rod-type distributor	68706 8	1 4022 09	1	
As 1 4022 03 , but with 10x rod-type distributor	68707 5	1 4022 10	1	

Residential unit, hydraulic interface unit Decentralised water heater with floor heating connection

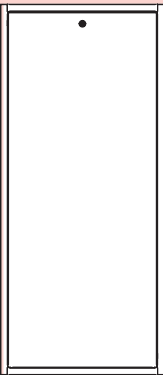
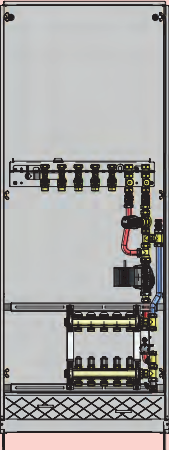
Model	EAN 90 04174	Order number	Sale Unit	€
 <p>WÜS Bregenz 18 l/min., compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to low-temperature heating. Installation as flush version with flush box. The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature • Primary differential pressure controller, permanently set to 50 kPa • Differential pressure controller on the heating side, permanently set to 13 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Actuating drive for installation on differential pressure controller; 230 V, 50 Hz, normally closed • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Fixed value control with setting range 20°C – 50°C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump • Patented installation system with pre-installation bracket • Flush box with front frame and front door (white, powder-coated RAL 9003) • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line • 3x rod-type distributor with flow meter and upper thermostatic insert <p>Max. operating temperature 90°C, Max. operating pressure 6 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 18 l/min. (10/45°C), Heat exchanger output 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately: - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4022 46</p>	68718 1	1 4022 53	1	
As 1 4022 53 , but with 4x rod-type distributor	68719 8	1 4022 54	1	
As 1 4022 53 , but with 5x rod-type distributor	68720 4	1 4022 55	1	
As 1 4022 53 , but with 6x rod-type distributor	68721 1	1 4022 56	1	
As 1 4022 53 , but with 7x rod-type distributor	68722 8	1 4022 57	1	
As 1 4022 53 , but with 8x rod-type distributor	68723 5	1 4022 58	1	
As 1 4022 53 , but with 9x rod-type distributor	68724 2	1 4022 59	1	
As 1 4022 53 , but with 10x rod-type distributor	68728 9	1 4022 60	1	

Residential unit, hydraulic interface unit Decentralised water heater with floor heating connection

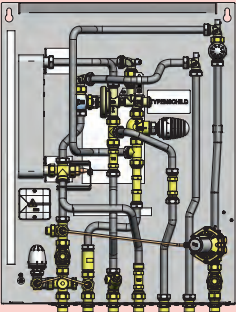
Model	EAN 90 04174	Order number	Sale Unit	€
<p>WÜS Steiermark, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to low-temperature heating and radiator outlet. Installation as flush version with flush box. The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Screw-on stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature with integrated hot water priority circuit • Primary differential pressure controller, permanently set to 50 kPa • Differential pressure controller on the heating side, permanently set to 13 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Actuating drive for installation on differential pressure controller; 230 V, 50 Hz, normally closed • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Fixed value control with setting range 20°C – 50°C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump • Patented installation system with pre-installation bracket • Flush box with front frame and front door (white, powder-coated RAL 9003) • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line • 3x rod-type distributor with flow meter and upper thermostatic insert <p>Max. operating temperature 90°C, Max. operating pressure 6 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 18 l/min. (10/50°C), Heat exchanger power 51 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately: - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4022 46</p>	01983 8	1 4022 73	1	
As 1 4022 73 , but with 4x rod-type distributor	01984 5	1 4022 74	1	
As 1 4022 73 , but with 5x rod-type distributor	01985 2	1 4022 75	1	
As 1 4022 73 , but with 6x rod-type distributor	01986 9	1 4022 76	1	
As 1 4022 73 , but with 7x rod-type distributor	01987 6	1 4022 77	1	
As 1 4022 73 , but with 8x rod-type distributor	01988 3	1 4022 78	1	
As 1 4022 73 , but with 9x rod-type distributor	01989 0	1 4022 79	1	
As 1 4022 73 , but with 10x rod-type distributor	01992 0	1 4022 80	1	
As 1 4022 73 , but with 11x rod-type distributor	01993 7	1 4022 81	1	
As 1 4022 73 , but with 12x rod-type distributor	01994 4	1 4022 82	1	



Residential unit, hydraulic interface unit Decentralised water heater with floor heating connection

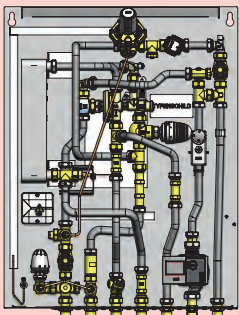
Model	EAN 90 04174	Order number	Sale Unit	€
<p>WÜS DELUXE floor heating set, compact residential unit hydraulic interface unit set for hot water production by the continuous flow principle and transfer of heat to low-temperature heating and radiator outlet. Installation as flush version with flush box. The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Choice of:</p> <ul style="list-style-type: none"> - WÜS DELUXE with hot water priority circuit (15 l/min.) 1 4008 20 - WÜS DELUXE with hot water priority circuit (18 l/min.) 1 4022 16 - WÜS DELUXE with hot water priority circuit (22 l/min.) 1 4022 21 - WÜS DELUXE (15 l/min.) 1 4008 22 - WÜS DELUXE (18 l/min.) 1 4022 17 - WÜS DELUXE with insulated pipes (15 l/min.) 1 4008 90 <p>Max. operating temperature 90°C, Max. operating pressure 6 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - Frame and door for flush box, white powder-coated (RAL 9003) - Flush box with pre-installation bracket, fixed value control with setting range 20°C – 50°C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump, rod-type distributor with flow meter and upper thermostatic insert. 				
 <p>Frame and door for flush box, white powder-coated (RAL 9003) 3–9 outlets.</p>	68678 8	1 4020 71	1	
 <p>Frame and door for flush box, white powder-coated (RAL 9003) 10–12 outlets.</p>	68679 5	1 4020 72	1	
<p>Flush box with pre-installation bracket, fixed value control with setting range 20°C – 50°C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump, 3x rod-type distributor with flow meter and upper thermostatic insert, without frame and door.</p>	68680 1	1 4020 73	1	
As 1 4020 73, but with 4x rod-type distributor	68681 8	1 4020 74	1	
As 1 4020 73, but with 5x rod-type distributor	68682 5	1 4020 75	1	
As 1 4020 73, but with 6x rod-type distributor	68683 2	1 4020 76	1	
As 1 4020 73, but with 7x rod-type distributor	68684 9	1 4020 77	1	
As 1 4020 73, but with 8x rod-type distributor	68685 6	1 4020 78	1	
As 1 4020 73, but with 9x rod-type distributor	68686 3	1 4020 79	1	
As 1 4020 73, but with 10x rod-type distributor	68687 0	1 4020 80	1	
As 1 4020 73, but with 11x rod-type distributor	68688 7	1 4020 81	1	
As 1 4020 73, but with 12x rod-type distributor	68689 4	1 4020 82	1	

Residential unit hydraulic interface unit Decentralised water heater with radiator connection

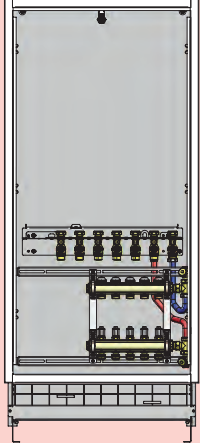
Model	EAN 90 04174	Order number	Sale Unit	€
 <p>WÜS SALZBURG HT, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to radiator heaters. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature with integrated hot water priority circuit • Differential pressure controller on the heating side, permanently set to 23 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Actuating drive for installation on differential pressure controller; 230 V, 50 Hz, normally closed • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Return temperature limiter for regulation of the return temperature on the heating side • Water flow meter adapter total 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Hot water flow meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in secondary return line <p>Max. operating pressure 10 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/45°C), Heat exchanger power 37 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4024 02 - HERZ flush box with pre-installation bracket 1 4024 05 - HERZ surface mount cover 1 4024 09 - HERZ differential pressure controller set, setting range 25–60 kPa 1 4024 19 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4022 46 	10043 7	1 4023 05	1	
As 1 4023 05 , but pipes insulated Tapping rate 15 l/min. (10/45°C), heat exchanger power 37 kW	10039 0	1 4023 04	1	
As 1 4023 05 , but Tapping rate 18 l/min. (10/45°C), heat exchanger power 42 kW	10045 1	1 4023 07	1	
As 1 4023 05 , but pipes insulated Tapping rate 18 l/min. (10/45°C), heat exchanger power 42 kW	10044 4	1 4023 06	1	

Residential unit, hydraulic interface unit Decentralised water heater with floor heating connection

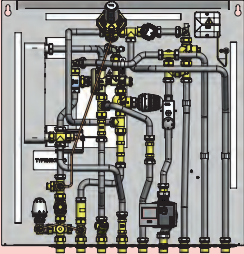
Model	EAN 90 04174	Order number	Sale Unit	€
<p>WÜS SALZBURG NT, compact residential unit hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to low-temperature heating. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature with integrated hot water priority circuit • Differential pressure controller on the heating side, permanently set to 23 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Actuating drive for installation on differential pressure controller; 230 V, 50 Hz, normally closed • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Fixed value control with setting range 20°C – 50°C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump • Water flow meter adapter, total 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Hot water flow meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in return line of low-temperature circuit • Strainer with fine mesh in cold water inlet <p>Max. operating pressure 10 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/45°C), Heat exchanger power 37 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4024 02 - HERZ flush box with pre-installation bracket 1 4024 05 - HERZ surface mount cover 1 4024 09 - HERZ differential pressure controller set, setting range 25–60 kPa 1 4024 19 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4022 46 - Flush box with front door and front frame white powder-coated (RAL 9003); pre-installation bar, rod-type distributor with flow meter and upper thermostatic insert 	01668 4	1 4024 13	1	
<p>As 1 4024 13, but pipes insulated Tapping rate 15 l/min. (10/45°C), heat exchanger power 37 kW</p>	01667 7	1 4024 12	1	
<p>As 1 4024 13, but Tapping rate 18 l/min. (10/45°C), heat exchanger power 42 kW</p>	01675 2	1 4024 18	1	
<p>As 1 4024 13, but pipes insulated Tapping rate 18 l/min. (10/45°C), heat exchanger power 42 kW</p>	01674 5	1 4024 17	1	



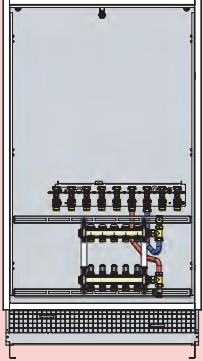
Residential unit hydraulic interface unit Flush box for WÜS SALZBURG NT

Model	EAN 90 04174	Order number	Sale Unit	€	
	Flush box with front door and front frame white powder-coated (RAL 9003); pre-installation bar, 3x rod-type distributor with flow meter and upper thermostatic insert.	01677 6	1 4024 33	1	
	As 1 4024 33 , but with 4x rod-type distributor	01683 7	1 4024 34	1	
	As 1 4024 33 , but with 5x rod-type distributor	01698 1	1 4024 35	1	
	As 1 4024 33 , but with 6x rod-type distributor	01707 0	1 4024 36	1	
	As 1 4024 33 , but with 7x rod-type distributor	01722 3	1 4024 37	1	
	As 1 4024 33 , but with 8x rod-type distributor	01733 9	1 4024 38	1	
	As 1 4024 33 , but with 9x rod-type distributor	01743 8	1 4024 39	1	
	As 1 4024 33 , but with 10x rod-type distributor	01752 0	1 4024 40	1	

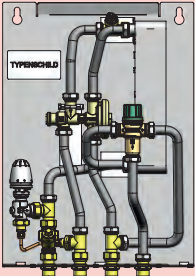
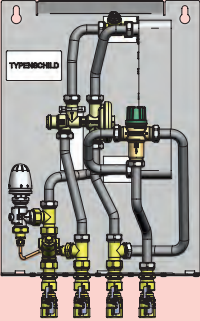
Residential unit, hydraulic interface unit Decentralised water heater with floor heating connection

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>WÜS SALZBURG NT with radiator outlet, compact residential unit, hydraulic interface unit for hot water production by the continuous flow principle and transfer of heat to low-temperature heating and radiator outlet. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the residential unit hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature with integrated hot water priority circuit • Differential pressure controller on the heating side, permanently set to 23 kPa with integrated zone valve, threaded connection for drives M 28 x 1.5 mm; stroke 4 mm • Actuating drive for installation on differential pressure controller; 230 V, 50 Hz, normally closed • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Fixed value control with setting range 20°C – 50°C consisting of zone valve, thermostat with contact sensor, safety thermostat and circulating pump • Water flow meter adapter, total 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Cold water meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Hot water flow meter adapter 80 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Heat meter adapter 110 mm – G 3/4 of dezincification-resistant brass, also suitable for sustained operation • Strainer with fine mesh in primary supply line • Strainer with fine mesh in return line of low-temperature circuit • Strainer with fine mesh in cold water inlet <p>Max. operating pressure 10 bar, Max. heating power 10 kW Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/45°C), Heat exchanger power 37 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4024 03 - HERZ flush box with pre-installation bracket 1 4024 04 - HERZ surface mount cover 1 4024 08 - HERZ differential pressure controller set, setting range 25–60 kPa 1 4024 19 - HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter 1 4022 46 - Flush box with front door and front frame white powder-coated (RAL 9003); pre-installation bar, rod-type distributor with flow meter and upper thermostatic insert 	01666 0	1 4024 11	1	
As 1 4024 11 , but pipes insulated Tapping rate 15 l/min. (10/45°C), heat exchanger power 37 kW	01665 3	1 4024 10	1	
As 1 4024 11 , but Tapping rate 18 l/min. (10/45°C), heat exchanger power 42 kW	01673 8	1 4024 16	1	
As 1 4024 11 , but pipes insulated Tapping rate 18 l/min. (10/45°C), heat exchanger power 42 kW	01672 1	1 4024 15	1	

Residential unit hydraulic interface unit Flush box for WÜS SALZBURG NT with radiator outlet


Model	EAN 90 04174	Order number	Sale Unit	€	
	Flush box with front door and front frame white powder-coated (RAL 9003); pre-installation bar, 3x rod-type distributor with flow meter and upper thermostatic insert.	01676 9	1 4024 23	1	
	As 1 4024 23 , but with 4x rod-type distributor	01687 5	1 4024 24	1	
	As 1 4024 23 , but with 5x rod-type distributor	01697 4	1 4024 25	1	
	As 1 4024 23 , but with 6x rod-type distributor	01706 3	1 4024 26	1	
	As 1 4024 23 , but with 7x rod-type distributor	01721 6	1 4024 27	1	
	As 1 4024 23 , but with 8x rod-type distributor	01732 2	1 4024 28	1	
	As 1 4024 23 , but with 9x rod-type distributor	01742 1	1 4024 29	1	
	As 1 4024 23 , but with 10x rod-type distributor	01753 7	1 4024 30	1	

Continuous-flow water heater * Decentralised water heater

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ continuous-flow water heater DELUXE, compact hydraulic interface unit for hot water production by the continuous flow principle. Installation as flush mounted version with flush box or as surface-mounted version with cover. The pipe connection to the hydraulic interface unit is created using a patented installation system with pre-installation bracket. Option to connect the pre-installation bracket from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature • Scalding protection with built-in HERZ drinking water mixing valve • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Strainer with fine mesh in primary supply line <p>Max. operating temperature 90°C, Max. operating pressure 10 bar, Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50°C), Heat exchanger output 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ pre-installation bracket 1 4008 05 - HERZ flush box 1 4008 07 - HERZ surface mount cover 1 4008 09 	68180 6	1 4008 11	1	
 <p>HERZ continuous-flow water heater STANDARD, compact hydraulic interface unit for hot water production by the continuous flow principle. Installation as flush version with flush box or as surface-mounted version with cover. The pipe connection to the hydraulic interface unit takes place via the installed ball valves. Option to connect from the floor.</p> <p>Consisting of:</p> <ul style="list-style-type: none"> • Copper-soldered asymmetrical stainless steel counter current heat exchanger • Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature • Scalding protection with built-in HERZ drinking water mixing valve • Constant readiness for hot water production even in summer operating mode due to temperature-regulated bypass switching, permanently set to 45°C • Strainer with fine mesh in primary supply line <p>Max. operating temperature 90°C, Max. operating pressure 10 bar, Min. stat. cold water pressure 2.8 bar, Tapping rate 15 l/min. (10/50°C), Heat exchanger output 42 kW, Max. differential pressure 2 bar</p> <p>Accessories to be ordered separately:</p> <ul style="list-style-type: none"> - HERZ flush box 1 4008 07 - HERZ surface mount cover 1 4008 09 	68190 5	1 4008 13	1	

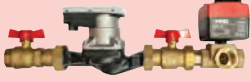

*Only available for Germany

Hydraulic interface unit



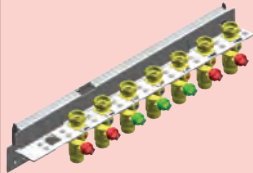
Model	P kW	EAN 90 04174	Order number	Sale Unit	€
	to 300	85026 4	F 8800 01	1	
	to 600	85027 1	F 8800 02	1	
	to 1000	85028 8	F 8800 03	1	



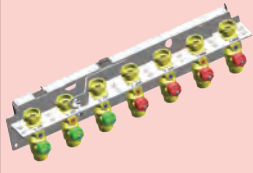
Compact district heating hydraulic interface unit with counter current heat exchanger for processing of heating water from district heating systems (primary side) and delivery to low-temperature building systems (secondary side). The water flow is controlled with a two-port control valve by a microprocessor controller. Adapter for heat meter installed on primary side. Secondary pump speed-controlled, converter station with expansion tank on secondary side.
 Temperature primary to 140°C
 Temperature secondary 90°C
 Operating pressure primary: PN 16
 Operating pressure secondary: PN 6.

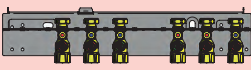
Boiler return temperature raising set


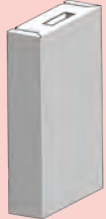
Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ boiler return temperature raising set EUROMIX For solid fuel boilers and biomass installations, for maintaining a minimum boiler return temperature consisting of mixing valve with drive, shutoff, circulating pump and shutoff with backflow preventer, factory pre-installed and tested for leaks. Model: Shutter mixer with electric drive.</p>	20	42084 2	1 4500 92	1	
	25	42058 3	1 4500 93	1	
	32	42059 0	1 4500 94	1	
 <p>HERZ return temperature raising set TEPLMIX For solid fuel boilers and biomass installations, for maintaining a minimum boiler return temperature consisting of thermostatic mixing valve, shutoff, circulating pump and shutoff with backflow preventer, factory pre-installed and tested for leaks. Model: Thermal mixing valve.</p>	25	67000 8	1 4500 73	1	
	32	67010 7	1 4500 74	1	



Accessories for HERZ residential unit hydraulic interface units

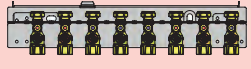

Model		EAN 90 04174	Order number	Sale Unit	€
	HERZ flush box for HERZ residential unit hydraulic interface unit with front frame and front door (white, powder-coated RAL 9003) Suitable for: <ul style="list-style-type: none"> • WÜS DELUXE • WÜS STANDARD • WÜS München • WÜS DELUXE Indirect • WÜS Pressburg • WÜS DELUXE NT 	68140 0	1 4008 06	1	
	HERZ cover for HERZ residential unit hydraulic interface units (white, powder-coated RAL 9003) Suitable for: <ul style="list-style-type: none"> • WÜS DELUXE • WÜS STANDARD • WÜS München • WÜS DELUXE Indirect • WÜS Pressburg • WÜS DELUXE NT 	68150 9	1 4008 08	1	
	HERZ pre-installation bracket for HERZ residential unit hydraulic interface units Patented installation system, option to connect the pre-installation bracket from the floor Suitable for: <ul style="list-style-type: none"> • WÜS DELUXE • WÜS DELUXE Indirect • WÜS Manchester • WÜS DELUXE NT 	68120 2	1 4008 04	1	

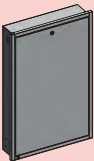


	HERZ flush box for HERZ residential unit hydraulic interface units with front frame and front door (white, powder-coated RAL 9003) Suitable for: <ul style="list-style-type: none"> • WÜS Kärnten • WÜS Burgenland • WÜS Legio 	68060 1	1 4008 40	1	
	HERZ cover for HERZ residential unit hydraulic interface units (white, powder-coated RAL 9003) Suitable for: <ul style="list-style-type: none"> • WÜS Kärnten • WÜS Burgenland • WÜS Legio 	68070 0	1 4008 42	1	
	HERZ pre-installation bracket for HERZ residential unit hydraulic interface units Patented installation system, option to connect the pre-installation bracket from the floor Suitable for: <ul style="list-style-type: none"> • WÜS Kärnten • WÜS Burgenland • WÜS Legio 	68350 3	1 4008 53	1	

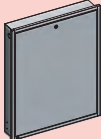
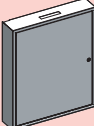

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ pre-installation bracket for HERZ residential unit hydraulic interface units Patented installation system, option to connect the pre-installation bracket from the floor Suitable for: • WÜS München</p>	68090 8	1 4008 46	1	





 <p>HERZ flush box for HERZ residential unit hydraulic interface units with front frame and front door (white, powder-coated RAL 9003) Suitable for: • WÜS Manchester</p>	68463 0	1 4008 85	1	
 <p>HERZ cover for HERZ residential unit hydraulic interface units (white, powder-coated RAL 9003) Suitable for: • WÜS Manchester</p>	68464 7	1 4008 86	1	

 <p>HERZ pre-installation bracket for HERZ residential unit hydraulic interface units Patented installation system, option to connect the pre-installation bracket from the floor Suitable for: • WÜS Pressburg (without circulation)</p>	02750 5	1 4020 97	1	
 <p>HERZ shutoff ball valves for HERZ residential unit hydraulic interface units HERZ shutoff ball valves in place of pre-installation bracket Suitable for: • WÜS Pressburg (without circulation)</p>	02752 9	1 4020 99	1	



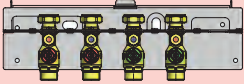
 <p>HERZ pre-installation bracket for HERZ residential unit hydraulic interface units Patented installation system, option to connect the pre-installation bracket from the floor Suitable for: • WÜS Pressburg with circulation</p>	02751 2	1 4020 98	1	
 <p>HERZ shutoff ball valves for HERZ residential unit hydraulic interface units HERZ shutoff ball valves in place of pre-installation bracket Suitable for: • WÜS Pressburg with circulation</p>	02763 5	1 4020 70	1	

Model		EAN 90 04174	Order number	Sale Unit	€
	HERZ flush box for HERZ residential unit hydraulic interface units with front frame, front door (white, powder-coated RAL 9003) and pre-installation bracket. Suitable for: <ul style="list-style-type: none"> • WÜS Salzburg HT • WÜS Salzburg NT 	02394 1	1 4024 05	1	
	HERZ cover for HERZ residential unit hydraulic interface units (white, powder-coated RAL 9003) Suitable for: <ul style="list-style-type: none"> • WÜS Salzburg HT • WÜS Salzburg NT 	02398 9	1 4024 09	1	
	HERZ pre-installation bracket for HERZ residential unit hydraulic interface units Patented installation system, option to connect the pre-installation bracket from the floor Suitable for: <ul style="list-style-type: none"> • WÜS Salzburg HT • WÜS Salzburg NT 	02391 0	1 4024 02	1	

	HERZ flush box for HERZ residential unit hydraulic interface units with front frame, front door (white, powder-coated RAL 9003) and pre-installation bracket. Suitable for: <ul style="list-style-type: none"> • WÜS Salzburg NT with radiator outlet 	02393 4	1 4024 04	1	
	HERZ cover for HERZ residential unit hydraulic interface units (white, powder-coated RAL 9003) Suitable for: <ul style="list-style-type: none"> • WÜS Salzburg NT with radiator outlet 	02397 2	1 4024 08	1	
	HERZ pre-installation bracket for HERZ residential unit hydraulic interface units Patented installation system, option to connect the pre-installation bracket from the floor Suitable for: <ul style="list-style-type: none"> • WÜS Salzburg NT with radiator outlet 	02392 7	1 4024 03	1	

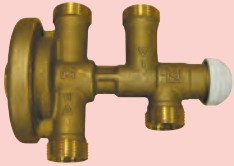




	Measurement, control and draining set for hydraulic interface unit (consisting of 1 x 1 4002 61, 2 x 1 0284 04, 2 x 1 0284 03, 3 x 2 0284 20, 1 x 1 6220 71, 1 x 1 3001 01)	68676 4	1 4008 98	1	
	HERZ differential pressure controller set, setting range 25–60 kPa	10056 7	1 4024 19	1	
	HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter.	39080 7	1 4111 60	1	
	HERZ sensor mount for temperature sensor (M 10 x 1) for the heat meter.	–	1 4022 46	1	

Accessories for HERZ continuous-flow water heaters*






Model	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ flush box for HERZ continuous-flow water heater with front frame and front door (white, powder-coated RAL 9003) Suitable for:</p> <ul style="list-style-type: none"> • HERZ continuous-flow water heater DELUXE • HERZ continuous-flow water heater STANDARD 	68220 9	1 4008 07	1	
 <p>HERZ cover for HERZ continuous-flow water heater (white, powder-coated RAL 9003) Suitable for:</p> <ul style="list-style-type: none"> • HERZ continuous-flow water heater DELUXE • HERZ continuous-flow water heater STANDARD 	68230 8	1 4008 09	1	
 <p>HERZ pre-installation bracket for HERZ continuous-flow water heater Patented installation system, option to connect the pre-installation bracket from the floor Suitable for:</p> <ul style="list-style-type: none"> • HERZ continuous-flow water heater DELUXE 	68210 0	1 4008 05	1	

*Only available for Germany

Spare parts for HERZ residential unit hydraulic interface units and HERZ continuous-flow water heaters

Model	EAN 90 04174	Order number	Sale Unit	€
 <p>Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature Control valve, independent without external energy for regulation of the hot water temperature at hot water tapping points in decentralised continuous flow systems. Temperature control via thermostat with contact sensor, thermostat must be ordered separately. Max. operating pressure 10 bar. Max. operating temperature 90°C.</p>	68250 6	1 4008 00	1	
 <p>Patented and WRAS-certified pressure and temperature controller for central regulation of the hot water temperature with integrated hot water priority circuit Control valve, independent without external energy for regulation of the hot water temperature at hot water tapping points in decentralised continuous flow systems. Temperature control via thermostat with contact sensor, thermostat must be ordered separately. Max. operating pressure 10 bar. Max. operating temperature 90°C.</p>	68380 0	1 4008 60	1	
 <p>Thermostat with contact sensor 52°C Threaded connection M 28 x 1.5 Thermostatic head with liquid sensor (hydrosensor), capillary tube, pipe contact sensor.</p>	68280 3	1 9421 28	1	
 <p>HERZ drinking water mixing valve Factory setting of the mixing temperature permanently set to 50°C Mixing precision $\pm 2^\circ\text{C}$ Maximum temperature 90°C Maximum operating pressure 10 bar</p>	59930 9	2 7766 40	1	
 <p>HERZ drinking water mixing valve for WÜS WIEN DELUXE Factory setting of the mixing temperature permanently set to 50°C Mixing precision $\pm 2^\circ\text{C}$ Maximum temperature 90°C Maximum operating pressure 10 bar</p>	59980 4	2 7766 54	1	

Spare parts for HERZ residential unit hydraulic interface units and HERZ continuous-flow water heaters

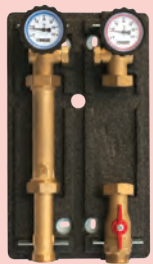

Model		EAN 90 04174	Order number	Sale Unit	€
 <p>4002-FIX-TS</p>	<p>HERZ differential pressure controller 4002 FIX TS 50 kPa Differential pressure 50 kPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 with cone, with integrated actuating element for 2-point drives. Threaded connection for drive M 28 x 1.5; 4 mm stroke, drives, screw connections and compression adapters must be ordered separately.</p>	02092 6	1 4002 91	1	
	<p>HERZ differential pressure controller 4002 FIX TS 23 kPa Differential pressure 23 kPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 with cone, with integrated actuating element for 2-point drives. Threaded connection for drive M 28 x 1.5; 4 mm stroke, drives, screw connections and compression adapters must be ordered separately.</p>	45600 8	1 4002 81	1	
	<p>HERZ differential pressure controller 4002 FIX TS 13 kPa Differential pressure 13 kPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 with cone, with integrated actuating element for 2-point drives. Threaded connection for drive M 28 x 1.5; 4 mm stroke, drives, screw connections and compression adapters must be ordered separately.</p>	41001 7	1 4002 11	1	
 <p>4002-FIX</p>	<p>HERZ differential pressure controller 4002 FIX 50 kPa Differential pressure 50 kPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 with cone, screw connections and compression adapters must be ordered separately.</p>	41001 7	1 4002 59	1	
	<p>HERZ differential pressure controller 4002 FIX 23 kPa Differential pressure 23 kPa permanently set, compact shape, body of dezincification-resistant brass, with male thread connection DN 15 with cone, screw connections and compression adapters must be ordered separately.</p>	45300 7	1 4002 21	1	
	<p>Replacement pump Yonos Para RS 15/6 Wet-running high-efficiency circulating pump with electronic speed control for pipe installation. Pump body of grey cast iron. Integrated venting function. Mains connection: 230 V~ Protection class: IP X4D Length: 130 mm Medium temperature range heating/cooling: 0 to 110°C depending on the ambient temperature Threaded connection: 1"</p>	46999 2	3 E531 00	1	
	Heat exchanger for hot water production.	02761 1	1 4018 47	1	
	Heat exchanger on heating side.	02762 8	1 4018 48	1	
	Actuating key for pre-installation brackets.	68717 4	1 4022 36	1	





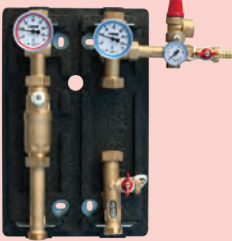
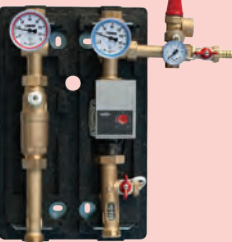
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Distribution

PUMPFIX stations


Model		kvs	DN	EAN	Order number	Sale Unit	€
	PUMPFIX DIRECT without pump - Inexpensive, time- and space-saving heating circuit connection - Pre-installed connection system for pumps with length 130 mm (DN 20) or 180 mm (DN 25 and 32) - With thermal insulation - Ball valves with integrated thermometer for supply and return - Spacer with check valve - Spacing between supply and return: 125 mm - Max. operating temperature: 110°C - Max. operating pressure: 10 bar - Temperature measurement range: 0°C to 120°C.	4.3	20	3838963426875	1 4514 11	1	
		5.8	25	3838963426967	1 4510 25	1	
		8.7	32	3838963427087	1 4514 21	1	
	PUMPFIX DIRECT with speed-controlled pump - Inexpensive, time- and space-saving heating circuit connection - Pre-installed connection system for pumps with length 130 mm (DN 20) or 180 mm (DN 25 and 32) - With thermal insulation - Ball valves with integrated thermometer for supply and return - Spacer with check valve - Spacing between supply and return: 125 mm - Max. operating temperature: 110°C - Max. operating pressure: 6 bar - Temperature measurement range: 0°C to 120°C.	4.3	20	3838963426882	1 4514 12	1	
		5.8	25	3838963426974	1 4510 26	1	
		8.7	32	3838963427094	1 4514 22	1	

	PUMPFIX MIX without pump - Inexpensive, time- and space-saving heating circuit connection - Pre-installed connection system for pumps with length 130 mm (DN 20) or 180 mm (DN 25 and 32) - With thermal insulation - Ball valves with integrated thermometer for supply and return - Spacer with check valve - Mixing valve with actuator (mixing valve with DN 25 with manually-adjustable bypass) - Spacing between supply and return: 125 mm - Max. operating temperature: 110°C - Max. operating pressure: 10 bar - Temperature measurement range: 0°C to 120°C.	4	20	3838963426905	1 4514 14	1	
		6.3	20	3838963426912	1 4514 15	1	
		4	25	3838963426998	1 4511 44	1	
		6.3	25	3838963427001	1 4511 45	1	
		10	25	3838963427018	1 4511 46	1	
		10	32	3838963427117	1 4514 24	1	
	PUMPFIX MIX with speed-controlled pump - Inexpensive, time- and space-saving heating circuit connection - Pre-installed connection system for pumps with length 130 mm (DN 20) or 180 mm (DN 25 and 32) - With thermal insulation - Ball valves with integrated thermometer for supply and return - Spacer with check valve - Mixing valve with actuator (mixing valve with DN 25 with manually-adjustable bypass) - Spacing between supply and return: 125 mm - Max. operating temperature: 110°C - Max. operating pressure: 6 bar - Temperature measurement range: 0°C to 120°C.	4	20	3838963426929	1 4514 16	1	
		6.3	20	3838963426936	1 4514 17	1	
		4	25	3838963427025	1 4511 47	1	
		6.3	25	3838963427032	1 4511 48	1	
		10	25	3838963427049	1 4511 49	1	
		10	32	3838963427131	1 4514 26	1	
	16	32	3838963427148	1 4514 27	1		




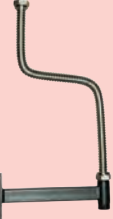
Model	DN	EAN	Order number	Sale Unit	€
 <p>PUMPFIX SOLAR without pump</p> <ul style="list-style-type: none"> - Inexpensive, time- and space-saving heating circuit connection - Pre-installed connection system for pumps with length 130 mm - With thermal insulation - Ball valves with integrated thermometer for supply and return and check valve - Spacer with venting - Spacing between supply and return: 125 mm - Max. sustained operating temperature: 110°C, briefly 120°C - Max. operating pressure: 10 bar - Temperature measurement range: 0°C to 120°C. 	20	3838963424055	1 4513 02	1	
 <p>PUMPFIX SOLAR with speed-controlled pump</p> <ul style="list-style-type: none"> - Inexpensive, time- and space-saving heating circuit connection - Pre-installed connection system for pumps with length 130 mm - With thermal insulation - Ball valves with integrated thermometer for supply and return and check valve - Spacer with venting - Spacing between supply and return: 125 mm - Max. sustained operating temperature: 110°C, briefly 120°C - Max. operating pressure: 6 bar - Temperature measurement range: 0°C to 120°C. 	20	3838963424062	1 4513 12	1	

Model	kvs	DN	EAN	Order number	Sale Unit	€
 <p>PUMPFIX CONSTANT without pump</p> <ul style="list-style-type: none"> - Inexpensive, time- and space-saving heating circuit connection - Pre-installed connection system for pumps with length 180 mm - With thermal insulation - Ball valves with integrated thermometer for supply and return - Spacer with check valve - Mixing valve with thermostatic head and contact sensor - Spacing between supply and return: 125 mm - Max. operating temperature: 110°C - Max. operating pressure: 10 bar - Temperature measurement range: 0°C to 120°C 	4	25	3838963426691	1 4514 07	1	
 <p>PUMPFIX CONSTANT with speed-controlled pump</p> <ul style="list-style-type: none"> - Inexpensive, time- and space-saving heating circuit connection - Pre-installed connection system for pumps with length 180 mm - With thermal insulation - Ball valves with integrated thermometer for supply and return - Spacer with check valve - Mixing valve with thermostatic head and contact sensor - Spacing between supply and return: 125 mm - Max. operating temperature: 110°C - Max. operating pressure: 6 bar - Temperature measurement range: 0°C to 120°C. 	4	25	3838963426707	1 4514 08	1	

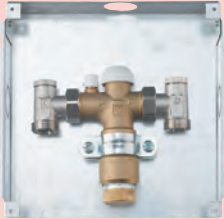
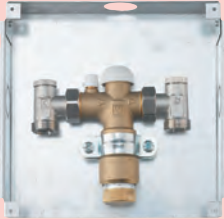

Accessories

Model	DN	EAN	Order number	Sale Unit	€
 <p>PUMPFIX overflow valve for Pumpfix stations DIRECT, MIX or CONSTANT for installation between the supply and return. Setting range: 0 to 0.5 bar.</p>	20	9004174020292	1 4514 99	1	

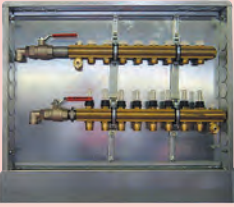
Accessories

 <p>HERZ hydraulic switch of solid cast iron - With thermal insulation - Max. operating temperature: 110°C - Max. operating pressure: 4 bar - Compatible with PUMPFIX distributor DN 25</p>	25	3838963428107	1 4513 53	1	
	<p>PUMPFIX distributor for two pump groups of sheet steel with two-chamber system, incl. fastening material and thermal insulation.</p>	25	3838963364252	1 4501 11	1
	<p>PUMPFIX distributor for three pump groups of sheet steel with two-chamber system, incl. fastening material and thermal insulation.</p>	25	3838963364269	1 4501 12	1
	<p>PUMPFIX distributor for four pump groups of sheet steel with two-chamber system, incl. fastening material and thermal insulation.</p>	25	3838963364276	1 4501 13	1
	<p>PUMPFIX distributor for five pump groups of sheet steel with two-chamber system, incl. fastening material and thermal insulation.</p>	25	3838963364283	1 4501 14	1
	<p>PUMPFIX distributor for two pump groups of sheet steel with two-chamber system, incl. fastening material and thermal insulation.</p>	32	3838963364290	1 4501 30	-
	<p>PUMPFIX distributor for three pump groups of sheet steel with two-chamber system, incl. fastening material and thermal insulation.</p>	32	3838963364306	1 4501 31	-
	<p>PUMPFIX distributor for four pump groups of sheet steel with two-chamber system, incl. fastening material and thermal insulation.</p>	32	3838963364313	1 4501 32	-
	<p>PUMPFIX distributor for five pump groups of sheet steel with two-chamber system, incl. fastening material and thermal insulation.</p>	32	3838963364320	1 4501 33	-
 <p>Connection set of corrugated pipe and fastening clip for the mounting of pressure expansion vessels up to 35 litres.</p>		9004174675294	1 4513 30	1	



FLOORFIX, floor heating control set for flush installation

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ-FLOORFIX, floor heating control set for flush installation For control of the room temperature and for limiting the medium temperature. Room control via HERZ remote control 9330. Pipe connection for HERZ compression adapter, includes flush box and cover. Cover white. Set point range of the temperature limiter 30–60°C.</p>	3/4	82090 8	1 8100 10	1	
 <p>HERZ-FLOORFIX, floor heating control set for flush installation For control of the room temperature and for limiting the medium temperature. Room control via HERZ remote control 9330. Pipe connection for HERZ compression adapter, includes flush box and cover. Cover chrome. Set point range of the temperature limiter 30–60°C.</p>	3/4	82450 0	1 8100 11	1	
 <p>Spare part, HERZ-FLOORFIX For control of the room temperature and for limiting the medium temperature. Room control via HERZ remote control 9330. Shutoff valves, flush box and design cover not included. Set point range of the temperature limiter 30–60°C.</p>	3/4	82451 7	1 8100 15	1	



Connection-ready heating distributor station

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Connection-ready distribution station for floor heating, consisting of:</p> <ul style="list-style-type: none"> - Rod-type distributor of brass, supply distributor with regulating inserts with flow indication and return distributor with thermostatic valves, vent, drain with hose connection, end caps - Distributor mounts - Ball valves G 1 of brass with full connection passage - Spacer and connection angle, nickel-plated, fully installed in distributor cabinet of galvanised sheet steel, front frame and front door white powder-coated (RAL 9010). <p>Adjustable installation depth and cabinet height with removable pipe redirection rail.</p>	3x	99735 8	1 8575 03	1	
	4x	99736 5	1 8575 04	1	
	5x	99737 2	1 8575 05	1	
	6x	99738 9	1 8575 06	1	
	7x	99739 6	1 8575 07	1	
	8x	99740 2	1 8575 08	1	
	9x	99741 9	1 8575 09	1	
	10x	99742 6	1 8575 10	1	
	11x	99743 3	1 8575 11	1	
	12x	99744 0	1 8575 12	1	


COMPACTFLOOR

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€	
 <p>Connection-ready control station 230 V, 50 Hz for floor heating plus two radiator circuits, connection on right, consisting of:</p> <ul style="list-style-type: none"> - Rod-type distributor of brass, supply distributor with regulating inserts with flow indication and return distributor with thermostatic valves, vent, drain with hose connection - Distributor mounts - Actuators for heating circuit control - Mechanical temperature control - Shutoff valve - Electronic circulating pump - Automatic over-temperature protection via pump shutoff - Electronic distributor and actuators fully wired - Automatic differential pressure control with electronic circulating pump fully installed in distribution cabinet of galvanised sheet steel, front frame and front door white powder-coated (RAL 9003). <p>Adjustable installation depth (150–190 mm) and cabinet height (720–805 mm) with removable pipe redirection rail. Connection for radiators not temperature-controlled.</p>	3x	47160 5	3 E533 03	1		
	4x	47161 2	3 E533 04	1		
	5x	47162 9	3 E533 05	1		
	6x	47163 6	3 E533 06	1		
	7x	47164 3	3 E533 07	1		
	8x	47165 0	3 E533 08	1		
	9x	47166 7	3 E533 09	1		
	10x	47167 4	3 E533 10	1		
	11x	47168 1	3 E533 11	1		
	12x	47169 8	3 E533 12	1		
	 <p>Connection-ready control station 230 V, 50 Hz for floor heating plus two radiator circuits, connection on left, consisting of:</p> <ul style="list-style-type: none"> - Rod-type distributor of brass, supply distributor with regulating inserts with flow indication and return distributor with thermostatic valves, vent, drain with hose connection - Distributor mounts - Actuators for heating circuit control - Mechanical temperature control - Shutoff valve - Electronic circulating pump - Automatic over-temperature protection via pump shutoff - Electronic distributor and actuators fully wired - Automatic differential pressure control with electronic circulating pump fully installed in distribution cabinet of galvanised sheet steel, front frame and front door white powder-coated (RAL 9003). <p>Adjustable installation depth (150–190 mm) and cabinet height (720–805 mm) with removable pipe redirection rail. Connection for radiators not temperature-controlled.</p>	3x	47170 4	3 E533 13	1	
		4x	47171 1	3 E533 14	1	
5x		47172 8	3 E533 15	1		
6x		47173 5	3 E533 16	1		
7x		47174 2	3 E533 17	1		
8x		47175 9	3 E533 18	1		
9x		47176 6	3 E533 19	1		
10x		47177 3	3 E533 20	1		
11x		47178 0	3 E533 21	1		
12x		47179 7	3 E533 22	1		

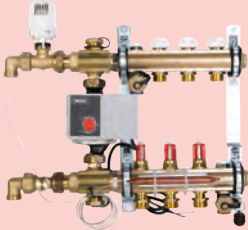
COMPACTFLOOR

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>Connection-ready control station 230 V, 50 Hz for floor heating, connection on left, consisting of:</p> <ul style="list-style-type: none"> - Rod-type distributor of brass, supply distributor with regulating inserts with flow indication and return distributor with thermostatic valves, vent, drain with hose connection - Distributor mounts - Actuators for heating circuit control - Mechanical temperature control - Shutoff valve - Electronic circulating pump - Automatic over-temperature protection via pump shutoff - Electronic distributor and actuators fully wired - Automatic differential pressure control with electronic circulating pump fully installed in distribution cabinet of galvanised sheet steel, front frame and front door white powder-coated (RAL 9003). <p>Adjustable installation depth (150–190 mm) and cabinet height (720–805 mm) with removable pipe redirection rail.</p>	3x	47190 2	3 E532 13	1	
	4x	47191 9	3 E532 14	1	
	5x	47192 6	3 E532 15	1	
	6x	47193 3	3 E532 16	1	
	7x	47194 0	3 E532 17	1	
	8x	47195 7	3 E532 18	1	
	9x	47196 4	3 E532 19	1	
	10x	47197 0	3 E532 20	1	
	11x	47198 8	3 E532 21	1	
	12x	47199 5	3 E532 22	1	
 <p>Connection-ready control station 230 V, 50 Hz for floor heating, connection on right, consisting of:</p> <ul style="list-style-type: none"> - Rod-type distributor of brass, supply distributor with regulating inserts with flow indication and return distributor with thermostatic valves, vent, drain with hose connection - Distributor mounts - Actuators for heating circuit control - Mechanical temperature control - Shutoff valve - Electronic circulating pump - Automatic over-temperature protection via pump shutoff - Electronic distributor and actuators fully wired - Automatic differential pressure control with electronic circulating pump fully installed in distribution cabinet of galvanised sheet steel, front frame and front door white powder-coated (RAL 9003). <p>Adjustable installation depth (150–190 mm) and cabinet height (720–805 mm) with removable pipe redirection rail.</p>	3x	47180 3	3 E532 03	1	
	4x	47181 0	3 E532 04	1	
	5x	47182 7	3 E532 05	1	
	6x	47183 4	3 E532 06	1	
	7x	47184 1	3 E532 07	1	
	8x	47185 8	3 E532 08	1	
	9x	47186 5	3 E532 09	1	
	10x	47187 2	3 E532 10	1	
	11x	47188 9	3 E532 11	1	
	12x	47189 6	3 E532 12	1	

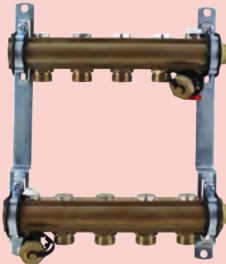
COMPACTFLOOR WE

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>COMPACTFLOOR WE Connection-ready control station for floor heating 230 V, 50 Hz, connected to a secondary district heating grid, consisting of:</p> <ul style="list-style-type: none"> - Shutoff zone valve with fixed value control via thermostatic head with contact sensor - Pre-settable control and regulating valve with electronic drive - Countercurrent heat exchanger for system separation of stainless steel, copper-soldered model - Electronic circulating pump - Safety group with thermo-manometer, automatic air vent and safety valve - Rod-type distributor of brass, supply distributor with regulating inserts and flow indication and return distributor with thermostatic valves, vent, drain with hose connections - Actuators for heating circuit control - Automatic over-temperature protection via pump shutoff - Diaphragm pressure expansion tank with connection valve fully installed in distributor cabinet of galvanised sheet steel, front frame and front door white powder-coated (RAL 9003). <p>Adjustable installation depth (150–190 mm) and cabinet height (720–805 mm) with removable pipe redirection rail.</p>	3x	47090 5	3 F532 83	1	
	4x	47091 2	3 F532 84	1	
	5x	47092 9	3 F532 85	1	
	6x	47093 6	3 F532 86	1	
	7x	47094 3	3 F532 87	1	
	8x	47095 0	3 F532 88	1	
	9x	47096 7	3 F532 89	1	
	10x	47097 4	3 F532 90	1	
	11x	47098 1	3 F532 91	1	
	12x	47099 8	3 F532 92	1	



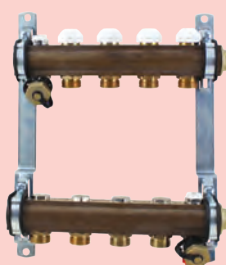

COMPACTFLOOR Light

 <p>COMPACTFLOOR light Connection-ready control station for floor heating, connection from below with 90° elbow, consisting of:</p> <ul style="list-style-type: none"> - Rod-type distributor of brass, supply distributor with regulating inserts with flow indication and return distributor with thermostatic valves, vent and drain with hose connection - Shutoff valve RL-5 - Electronic circulating pump - Automatic differential pressure control via electronic circulating pump - Shutoff and control valve for fixed value control <p>Thermostatic head with remote sensor for fixed value control is included.</p>	3x	47140 7	3 E533 23	1	
	4x	47141 4	3 E533 24	1	
	5x	47142 1	3 E533 25	1	
	6x	47143 8	3 E533 26	1	
	7x	47144 5	3 E533 27	1	
	8x	47145 2	3 E533 28	1	
	9x	47146 9	3 E533 29	1	
	10x	47147 6	3 E533 30	1	
	11x	47148 3	3 E533 31	1	
	12x	47149 0	3 E533 32	1	

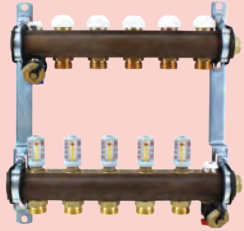
Rod-type heating circuit distributor (DN 25)

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ floor rod-type distributor set of brass, brass version, dimension G 1, consisting of supply and return distributor with upper shutoff inserts, vent, drain with rotating hose connection, end caps and mounts. Distributor outlets in offset arrangement, pipe connection G 3/4, distributor with female thread Rp 1.</p>	3x	84740 0	1 8534 03	1	
	4x	84741 7	1 8534 04	1	
	5x	84742 4	1 8534 05	1	
	6x	84743 1	1 8534 06	1	
	7x	84744 8	1 8534 07	1	
	8x	84745 5	1 8534 08	1	
	9x	84746 2	1 8534 09	1	
	10x	84747 9	1 8534 10	1	
	11x	84748 6	1 8534 11	1	
	12x	84749 3	1 8534 12	1	

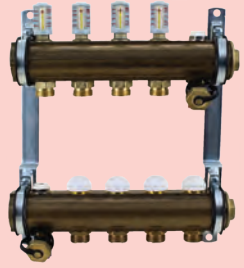
Rod-type panel heating distributor (DN 25)

 <p>HERZ floor rod-type distributor set with flow meter 3 l/min., dimension G 1, consisting of supply distributor with flow meter regulating inserts, return distributor with upper thermostatic inserts, drain with hose connection, end caps and mounts, distributor outlets in offset arrangement, pipe connection G 3/4, distributor with female thread Rp 1.</p>	3x	81090 9	1 8532 03	1		
	4x	81100 5	1 8532 04	1		
	5x	81110 4	1 8532 05	1		
	6x	81120 3	1 8532 06	1		
	7x	81130 2	1 8532 07	1		
	8x	81140 1	1 8532 08	1		
	9x	81150 0	1 8532 09	1		
	10x	81160 9	1 8532 10	1		
	11x	81170 8	1 8532 11	1		
	12x	81180 7	1 8532 12	1		
	13x	81350 4	1 8532 13	1		
	14x	81360 3	1 8532 14	1		
	15x	81370 2	1 8532 15	1		
	16x	81380 1	1 8532 16	1		
	 <p>HERZ single outlet set with flow meter regulating insert Dimension G 1, for extension of 1 8532, consisting of: G 1 distributor with flow meter regulating insert (3 l/min.), return with upper thermostatic insert regulating insert, two couplings for female thread Rp 1, pipe connection G 3/4.</p>	DN 25 G 1	81310 8	1 8532 93	1	
	 <p>HERZ floor rod-type distributor set Dimension G 1 consisting of distributor with upper shutoff inserts, return with upper thermostatic inserts, vent, drain with hose connection, end caps and mounts, distributor outlets in offset arrangement, pipe connection G 3/4, distributor with female thread Rp 1.</p>	3x	80990 3	1 8531 03	1	
4x		81000 8	1 8531 04	1		
5x		81010 7	1 8531 05	1		
6x		81020 6	1 8531 06	1		
7x		81030 5	1 8531 07	1		
8x		81040 4	1 8531 08	1		
9x		81050 3	1 8531 09	1		
10x		81060 2	1 8531 10	1		
11x		81070 1	1 8531 11	1		
12x		81080 0	1 8531 12	1		
13x		81310 8	1 8531 13	1		
14x		81320 7	1 8531 14	1		
15x	81330 6	1 8531 15	1			
16x	81340 5	1 8531 16	1			
 <p>HERZ single outlet set with upper thermostatic insert Dimension G 1 for extension of 1 8531, consisting of distributor with shutoff valve, return with upper thermostatic insert, two couplings for female thread Rp 1, pipe connection G 3/4.</p>	DN 25 G 1	81190 6	1 8531 93	1		

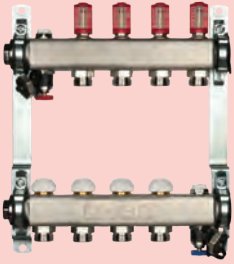
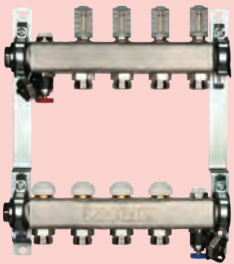
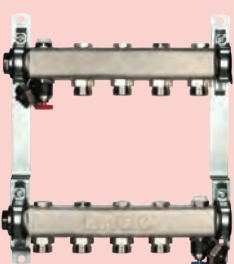
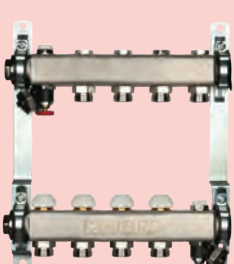
Rod-type panel heating distributor for higher flow rates (DN 25)

Model		Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ rod-type distributor set with flow meter 6 l/min., dimension G 1, consisting of supply distributor with flow meter regulating inserts, return distributor with upper thermostatic inserts, vent, drain with hose connection, end caps and mounts, distributor outlets in offset arrangement, pipe connection G 3/4, distributor with female thread Rp 1.</p>	Set 1x distributor		82500 2	1 8533 93	1	
	Set 3x distributor		82510 1	1 8533 03	1	
	Set 4x distributor		82520 0	1 8533 04	1	
	Set 5x distributor		82530 9	1 8533 05	1	
	Set 6x distributor		82540 8	1 8533 06	1	
	Set 7x distributor		82550 7	1 8533 07	1	
	Set 8x distributor		82560 6	1 8533 08	1	
	Set 9x distributor		82570 5	1 8533 09	1	
	Set 10x distributor		82580 4	1 8533 10	1	
	Set 11x distributor		82590 3	1 8533 11	1	
	Set 12x distributor		82600 9	1 8533 12	1	
	Set 13x distributor		82610 8	1 8533 13	1	
	Set 14x distributor		82620 7	1 8533 14	1	
	Set 15x distributor		82630 6	1 8533 15	1	
Set 16x distributor		82640 5	1 8533 16	1		



Rod-type panel heating distributor for elevated flow rates (DN 32)

 <p>HERZ floor rod-type distributor set with flow meter 6 l/min., dimension DN 32, consisting of supply distributor with flow meter regulating inserts, return with upper thermostatic inserts, with vent, drain with hose connection, end caps and mounts. Distributor outlets in offset arrangement, pipe connection G 3/4, distributor with female thread Rp 5/4.</p>	2x		84500 0	1 8531 42	1	
	3x		84510 9	1 8531 43	1	
	4x		84520 8	1 8531 44	1	
	5x		84530 7	1 8531 45	1	
	6x		84540 6	1 8531 46	1	
	7x		84550 5	1 8531 47	1	
	8x		84560 4	1 8531 48	1	
	9x		84570 3	1 8531 49	1	
	10x		84580 2	1 8531 50	1	
	11x		84590 1	1 8531 51	1	
	12x		84600 7	1 8531 52	1	
	13x		84610 6	1 8531 53	1	
	14x		84620 5	1 8531 54	1	
	15x		84630 4	1 8531 55	1	
	16x		84640 3	1 8531 56	1	



HERZ stainless steel distributor

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€	
 <p>HERZ stainless steel distributor with flow meter (3 l/min.), dimension 1", consisting of return distributor with upper thermostatic inserts (M 28 x 1.5), supply distributor with flow meter inserts. Vent and drain with hose connection, distributor connection with female thread Rp1, distributor outlets with G 3/4 Euro-cone connection.</p>	3x	02475 7	1 8632 03	1		
	4x	02476 4	1 8632 04	1		
	5x	02477 1	1 8632 05	1		
	6x	02478 8	1 8632 06	1		
	7x	02479 5	1 8632 07	1		
	8x	02481 8	1 8632 08	1		
	9x	02483 2	1 8632 09	1		
	10x	02484 9	1 8632 10	1		
	11x	02485 6	1 8632 11	1		
	12x	02486 3	1 8632 12	1		
	 <p>HERZ stainless steel distributor with flow meter (6 l/min.), dimension 1", consisting of return distributor with upper thermostatic inserts (M 28 x 1.5), supply distributor with flow meter inserts. Vent and drain with hose connection, distributor connection with female thread Rp1, distributor outlets with G 3/4 Euro-cone connection.</p>	3x	02499 3	1 8633 03	1	
		4x	02501 3	1 8633 04	1	
5x		02503 7	1 8633 05	1		
6x		02504 4	1 8633 06	1		
7x		02505 1	1 8633 07	1		
8x		02506 8	1 8633 08	1		
9x		02507 5	1 8633 09	1		
10x		02508 2	1 8633 10	1		
11x		02509 9	1 8633 11	1		
12x		02511 2	1 8633 12	1		
 <p>HERZ stainless steel distributor Dimension 1", consisting of return and supply distributor with upper shutoff inserts. Vent and drain with hose connection, distributor connection with female thread Rp1, distributor outlets with G 3/4 Euro-cone connection.</p>		3x	02487 0	1 8634 03	1	
		4x	02488 7	1 8634 04	1	
	5x	02489 4	1 8634 05	1		
	6x	02491 7	1 8634 06	1		
	7x	02492 1	1 8634 07	1		
	8x	02494 8	1 8634 08	1		
	9x	02495 5	1 8634 09	1		
	10x	02496 2	1 8634 10	1		
	11x	02497 9	1 8634 11	1		
	12x	02498 6	1 8634 12	1		
	 <p>HERZ stainless steel distributor Dimension 1", consisting of return distributor with upper thermostatic inserts (M 28 x 1.5), supply distributor with upper shutoff inserts. Vent and drain with hose connection, distributor connection with female thread Rp1, distributor outlets with G 3/4 Euro-cone connection.</p>	3x	02463 4	1 8631 03	1	
		4x	02464 1	1 8631 04	1	
5x		02465 8	1 8631 05	1		
6x		02466 5	1 8631 06	1		
7x		02467 2	1 8631 07	1		
8x		02468 9	1 8631 08	1		
9x		02469 6	1 8631 09	1		
10x		02471 9	1 8631 10	1		
11x		02473 3	1 8631 11	1		
12x		02474 0	1 8631 12	1		



Distributor cabinets

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ distributor cabinet of sheet steel for HERZ rod-type distributor hot-dip galvanised, front door and front frame white powder-coated (RAL 9003). Adjustable installation depth (80–110 mm) and cabinet height (705–775 mm), fastening rail for distributor mounts and front panel powder-coated. With removable pipe redirection rail.</p>	Width 300 mm	81200 2	1 8569 03	1	
	Width 400 mm	81210 1	1 8569 04	1	
	Width 500 mm	81220 0	1 8569 05	1	
	Width 600 mm	81230 9	1 8569 10	1	
	Width 750 mm	81240 8	1 8569 15	1	
	Width 900 mm	81250 7	1 8569 20	1	
	Width 1050 mm	81260 6	1 8569 25	1	
	Width 1200 mm	81270 5	1 8569 30	1	
	Width 1500 mm	81280 4	1 8569 40	1	
 <p>HERZ distributor cabinet of sheet steel for HERZ COMPACTFLOOR hot-dip galvanised, front door and front frame white powder-coated (RAL 9003). Adjustable installation depth (150–190 mm) and cabinet height (720–805 mm), fastening rail for distributor mounts and front panel powder-coated. With removable pipe redirection rail.</p>	Width 750 mm	81501 0	1 8570 50	1	
	Width 900 mm	81502 7	1 8570 51	1	
	Width 1050 mm	81503 4	1 8570 52	1	
	Width 1200 mm	81504 1	1 8570 53	1	
	Width 1500 mm	81505 8	1 8570 54	1	

Compact distributors


Model	DN	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ compact distributor of dezincification-resistant brass Distributor trunk DN 40, 2 outlets Rp 3/4, pipe centre spacing 100 mm, 1 outlet Rp 1/2 Total length of distributor 215 mm.</p>	40	80902 6	1 8542 02	1	
	50	80904 0	1 8543 02	1	
 <p>HERZ compact distributor of dezincification-resistant brass Distributor trunk DN 40, 2 outlets Rp 1/2 Total length of distributor 80 mm.</p>	40	80901 9	1 8542 01	1	
	50	80903 3	1 8543 01	1	

Accessories for compact distributors

 <p>Reduction of dezincification-resistant brass.</p>	G 1½ x Rp 1	60570 3	1 6265 20	20	
	G 2 x Rp 1	60571 0	1 6265 21	20	
	G 2 x Rp 1¼	60578 9	1 6265 22	20	
 <p>Cap of dezincification-resistant brass.</p>	Rp 1½	60574 1	1 8525 20	20	
	Rp 2	60575 8	1 8525 21	20	

Angled pipe clamp



Plastic angled pipe clamp for redirecting the heating pipe by 90° in the area of ceiling passages, distributor approaches, etc.

Model	EAN 90 04174	Order number	Sale Unit	€
	Plastic angled pipe clamp for pipe 14–18 mm.	99901 7	3 F110 08	500
	Plastic angled pipe clamp for pipe 20–23 mm.	99902 4	3 F110 09	50

Plastic dowel


	Plastic dowel for additional fastening of the insulation, length 90 mm, hole diameter 8 mm.	99928 4	3 F110 17	100	
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Pipe retaining anchor

	Single-pipe retaining anchor, 90 mm.	99904 8	3 F110 11	50	
	Double-pipe retaining anchor, 90 mm.	99905 5	3 F110 12	50	

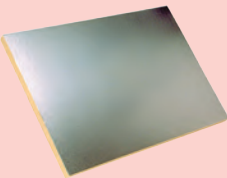
Tools

Tacker

	The tacker enables simple and efficient laying of the heating pipe, which is securely fastened to the insulation in just a single step. Multi-purpose tacker for both needle designs 3 F110 06 and 3 F110 07 as well as typical commercially-available needles, with plastic foot.	99906 2	3 F110 13	1	
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Thermal insulation panel

Thermal insulation panels of CFC-free, quality-controlled polyurethane foam according to DIN 18164 Part 1, coated with aluminium on both sides. Building material class B2 according to DIN 4102. WLG 025



Model		EAN 90 04174	Order number	Sale Unit	€
	Thermal insulation panel 30, Panel dimensions 1200 x 600 x 30 mm, thermal resistance RI = 1.2.	99878 2	3 F070 30	11,52 m ²	
	Thermal insulation panel 40, Panel dimensions 1200 x 600 x 40 mm, thermal resistance RI = 1.6.	99879 9	3 F070 40	8,64 m ²	
	Thermal insulation panel 47, Panel dimensions 1200 x 800 x 47 mm, thermal resistance RI = 1.88.	99880 5	3 F070 47	9,60 m ²	
	Thermal insulation panel 53, Panel dimensions 1200 x 800 x 53 mm, thermal resistance RI = 2.12.	99881 2	3 F070 53	9,60 m ²	

Clamp strip



Toothed strip, U-profile, special design for pipes 16 and 17 x 2,0, extruded fastening strip with moulded-on pipe retention clips in a light, compact and low-profile design effectively prevents weakening of the subfloor, suitable for all rigid floor coverings, stone panels, natural stone and ceramic flooring, for quick laying and clipping in. Fastening to the thermal insulation via double-sided tape or with fastening needles through the perforations. Pipe spacing 50 mm.

	Profile size: L x W x H = 200 x 40 x 25 mm.	99972 7	3 F110 18	100	
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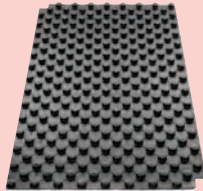
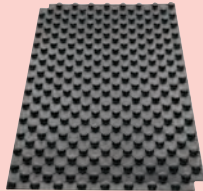

Fixing needle

	Fixing needles, red, for direct fastening of insulation with thickness of 30 mm or more. Due to the special material used, these fixing needles have outstanding retaining strength, which can be further increased by pressing in the needles at an angle.	99896 6	3 F110 03	500	
	Fixing needles, green for direct fastening of insulation with thickness of 40 mm or more. Due to the special material used, these fixing needles have outstanding retaining strength, which can be further increased by pressing in the needles at an angle.	99897 3	3 F110 04	500	


Tacker needle

	Tacker needle for fastening of the heating pipe to the insulation. Collected with tape into magazines of 30 needles, black. Use of the tacker 3 F110 13 allows for simple and efficient fastening of the pipes.	99899 7	3 F110 06	200	
	Special tacker needle, extra long needle shape, specially suited for unlaminated surfaces, of high-quality polyamide, in magazines of 30 needles. Use of the tacker 3 F110 13 allows for simple and efficient fastening of the pipes.	99900 0	3 F110 07	300	

Studded panels


Model		Dim.	EAN 90 04174	Order number	Sale Unit	€
	Studded panel with insulation, black, of rigid polystyrene foam, 30–2 mm for pipe diameter 14–17 mm, 50 mm film overlap.	1400 x 800 x 51 mm	99716 7	3 F030 01	67.20 m²	
	Studded panel with insulation, black, of rigid polystyrene foam, ND 11, for pipe diameter 14–17 mm, 50 mm film overlap.	1400 x 800 x 31 mm	99717 4	3 F030 02	131.01 m²	
	Studded panel, black, of polystyrene for individual installation of the insulation, 50 mm film overlap.	1400 x 800 x 20 mm	99718 1	3 F030 03	215.04 m²	
	Diagonal bracket for diagonal laying of the pipes.		92070 7	3 F030 04	40	

Tacker panels


Model		Dim.	EAN 91 20068	Order number	Sale Unit	€
	Tacker panel for floor heating systems, of EPS 70, coated with a PP fabric film. Compressive strength 70 kPa, thermal conductivity 0.039 W/m*K.	1,000 x 10,000 x 30 mm	89005 2	H 3070 01	10 m²	
	Tacker panel for floor heating systems, of EPS 100, coated with a PP fabric film. Compressive strength 100 kPa, thermal conductivity 0.035 W/m*K.	1,000 x 10,000 x 30 mm	88008 3	H 3100 01	10 m²	

Insulation strips


Insulation strips of polyethylene with film flange and tear-off perforation for impact noise insulation according to DIN 18560. The insulation strips are self-adhesive on the back side and on the film flange or can be delivered without adhesive.

Model		EAN 90 04174	Order number	Sale Unit	€
	Insulation strips 8/160 MK, 8 x 160 mm, with adhesive.	99885 0	3 F080 02	4 rolls of 25 m each	
	Insulation strips 8/160 OK, 8 x 160 mm, without adhesive.	99886 7	3 F080 03	4 rolls of 25 m each	

Expansion joint pipe laying kit


	Expansion joint pipe laying kit for secure separation of the screed slabs according to DIN 18560. The 8 mm wide polyethylene insulation strip is clamped into the double T-profile of polystyrene. This 2 m long, self-adhesive profile allows the laying of the floor heating pipe with spacing of 5 cm and multiples thereof. Consisting of 20 m expansion joint profile, 20 m expansion strips 8/100, 50 pieces of protective conduit of 400 mm each.	99887 4	3 F100 00	20 m / 20 m / 50 units.	
	Expansion joint profile Double T-profile of polystyrene, standard length 2 m, self-adhesive. 2000 x 35 x 20 mm.	99888 1	3 F100 01	50 m	
	Protective conduit for expansion joint profile Corrugated pipe 12–18 mm, slotted on the long side.	99889 8	3 F100 02	50 units	
	Expansion strips for expansion joint profile Universal expansion strips of polyethylene for preventing impact noise bridges and tension crack formation according to DIN 18560, length 2 m.	99890 4	3 F100 03	50 m	

Expansion strips for studded panels

	Expansion strips of polyethylene for secure separation of the screed slabs when using flat systems, 10 x 160 mm, standard length 25 m.	99891 1	3 F100 04	7 rolls of 25 m each	
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Cover film

Cover film of polyethylene


	PE film 0.1, roll dimensions 25 x 4 m, thickness 0.1 mm.	99892 8	3 F100 05	100 m ²	
	PE film 0.2, roll dimensions 25 x 4 m, thickness 0.2 mm.	99893 5	3 F100 06	100 m ²	

Miscellaneous accessories


Level indicator for screed

Model		EAN 90 04174	Order number	Sale Unit	€
	Level indicator for screed for marking measurement points in heating screeds for the prescribed measurement of the readiness for pipe laying according to DIN EN 1264.	99882 9	3 F090 00	1	


Screed additive

	The screed additive homogenises the cement screed, resulting in improved thermal conductivity and improved compressive and tensile strength. Consumption approx. 0.2 l/m ² .	99883 6	3 F090 01	10 kg	
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Adhesive tape

	For taping of butt joints of the insulation sheets and panels to prevent the penetration of screed water. Transparent, water-tight.	99884 3	3 F090 02	1 roll	
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Clips

	Clips 1622 Red for mesh mats, carrier mat thickness 3, 4 and 5 mm.	99898 0	3 F110 05	1000	
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Keys and tools

	Pre-setting key for HERZ flow meter 3 F900 in 8531/8532/8533.	66350 5	1 6819 32	1	
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HERZ-COMPACTFLOOR

Model	Dim.	EAN 90 04174	Order number	Sale Unit	€
 <p>HERZ pump group with line shutoff, temperature limiting, electronic circulating pump (3 E531 00) and safety temperature shutoff, connection-ready and checked for leaks.</p>	1	92060 8	3 E532 30	1	
 <p>Replacement pump Yonos Para RS 15/6 Wet-running high-efficiency circulating pump with electronic speed control for pipe installation. Pump body of grey cast iron. Integrated venting function. Mains connection: 230 V~ Protection class: IP X4D Length: 130 mm Medium temperature range heating/cooling: 0 to 110°C depending on the ambient temperature. Threaded connection: 1"</p>		46999 2	3 E531 00	1	

HERZ-COMPACTFLOOR

 <p>Distributor mount for installation of the distributor in a cabinet 1 pair for compact distributor 1 8530/31/32/33.</p>	1	84460 7	1 8535 02	1	
<p>1 pair for compact distributor 1 8529.</p>	5/4	84470 6	1 8535 03	1	

HERZ-PUMPFIX replacement drive Three-port mixing valve actuator

 <p>HERZ actuator Two-part housing of self-extinguishing plastic, lower part black and upper part red. The drive is fastened to the mixing valve using a single screw. The supplied pin protects against twisting. The installation orientation can be chosen freely in 90° steps. The rotation angle is limited to 90°. Upon reaching the end stops, the drive is electrically switched off and thereby deenergised. Controlled by a 3-point actuator 230 V, 90°C, 10 Nm, 140 sec.</p>		3838963420552	1 7712 63	1	
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Upper parts for floor heating

Model	EAN 90 04174	Order number	Sale Unit	€
 HERZ TS replacement upper part for distributors 8531 and 8532 .	63460 4	1 6403 31	1	
 HERZ upper shutoff insert for supply distributor 8531 .	63470 3	1 6413 01	1	
 HERZ flow meter Setting range 0 - 3 l/min. for the following models of floor heating supply distributors: brass 8532 manufactured as of 2005 and stainless steel manufactured as of 2018. Including lower part.	02694 2	3 F900 23	1	
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 Upper thermostatic insert Replacement upper part for return collector, for cast distributors with body labelling Δ (triangle), manufactured as of 1999.	63440 6	1 6403 02	1	
 Upper shutoff insert for floor distributors with body labelling Δ (triangle), manufactured as of 1999.	63450 5	1 6413 02	1	
 Upper shutoff insert Replacement upper part for supply distributors for distributors with body labelling O (ring), manufactured up to 1999.	62630 3	1 6303 00	1	
 Upper thermostatic insert Replacement upper part for return collector, for cast distributors with body labelling O (ring), manufactured up to 1999.	61260 2	1 6372 02	1	
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1. Definition of Terms and Scope of Validity

- 1.1. In order to be entitled to claim services under the present Certificate of Guarantee, the claiming party must hold a trade licence for the installation of low-pressure central heating systems and hot water preparation plants of the upper and lower categories or a trade licence for gas fitters and plumbers.
- 1.2. Under the present Certificate of Guarantee "Products" shall designate all heating components manufactured by us after September 1st, 2018, bought new by the party entitled to raise a claim either directly from us or directly from one of our authorized dealers in Austria, unless these components have been exempted from the validity of the Certificate of Guarantee by express declaration to the party entitled to raise a claim or are generally exempted from such guarantee. There are special provisions for electronic and electric products such as HERZ electronic thermostats and actuating drives, HERZ actuating drives, HERZ room temperature controllers, HERZ transformers and wireless control systems and devices, which are not covered by the Certificate of Guarantee. Furthermore, wear parts of HERZ components such as seals are not covered by the present Certificate of Guarantee.
- 1.3. A case of damage in the sense of the Certificate of Guarantee occurs when a customer of a party entitled to raise claims with HERZ raises a warranty claim against the said party for any damage caused by an error in design or a defect in manufacturing or materials of the products.
- 1.4. The geographic validity of the Certificate of Guarantee shall be limited to places within Europe and Turkey.

2. Extent of Services rendered under the Certificate of Guarantee

We shall render the following services under the present Certificate of Guarantee (excluding any further claims):

- 2.1. Replacement free of charge of the products or product components required for repairing the damage, postage paid to claim location.
- 2.2. At our discretion:
 - a) performing the required dismantling /disassembly and assembly/ installation of products or product components or
 - b) repairing the original product or product components or
 - c) paying the costs for the services as mentioned above.
- 2.3. Repairing the immediate material damage caused by the defective products or paying the costs for the services as mentioned above.
- 2.4. Reimbursement of the direct personal injury costs caused by the products.
- 2.5. Our liability according to 2.1. to 2.3. is limited to €500,000.00 per claim.
- 2.6. Without prejudice to the provisions of item 4.1. our liability shall be limited in terms of time to claims arising within a period of 5 years after manufacturing of the products causing the damage.

- 2.7. Our liability is limited to claims arising out of errors in design, defects in manufacturing or materials of the products and based on the absence of characteristics which have either been guaranteed by us or which can be expected in accordance with the state of technology or with trade practice.

3. Obligations of the Party Entitled to Raise Claims

It is a condition precedent for the implementation of the present Certificate of Guarantee that the party entitled to raise claims meet the below mentioned obligations. Failure to meet any or several of these obligations shall relieve HERZ of any and all obligations under the present Guarantee.

- 3.1. During installation and use of the products it is imperative to observe our instructions for installation and maintenance valid at the moment of installation and laid down in the brochures, standard sheets, as well as our information regarding the scope of application of the products. Furthermore, it is imperative to proceed with due care according to the state of technology, particularly during maintenance.
- 3.2. As soon as the party entitled to raise a claim detects or learns of a case of damage, it shall forthwith inform HERZ of such damage (not later than on the 3rd working day thereafter) by certified mail or email and shall make available to us all information requested by us. The information shall be submitted in writing upon our request.
- 3.3. The party entitled to raise a claim shall make sure that the representatives of our company and the agents of our insurance company be granted access to the place of damage immediately after giving notice of the claim and shall take all appropriate measures to determine the cause and scope of the damage. In particular, the party entitled to raise a claim shall keep and make available the products or product components which caused the damage.
- 3.4. The burden of proof lies on the injured party. The eligible party may not either in our name or in its own name recognise an obligation to provide compensation for damages, either in terms of basis or amount. Any declaration extending the scope of damages offered by the present Certificate of Guarantee and by the applicable legal provisions made by the party entitled to raise a claim before or after the occurrence of damage, are not permitted and shall not be binding on us.

4. Period of validity and formal provisions

- 4.1. The present Certificate of Guarantee shall cover claims for damage occurring between September 1st, 2018 and August 31st, 2023. We reserve the right to extend this period.

5. Place of Fulfilment, Jurisdiction, Applicable Law

- 5.1. The place of fulfilment shall be Vienna. The court having subject-matter jurisdiction for our company in Vienna shall have exclusive jurisdiction. Any disputes arising from the present Certificate of Guarantee shall be settled according to Austrian Law. The application of the Vienna UN Convention on Contracts for the International Sale of Goods is excluded.

Vienna, July 2018



Terms and Conditions of Sale, Delivery and Payment

1. Offers, order acknowledgements, contract conclusion

- 1.1. All offers are without obligation. We reserve the right to modify, supplement or discontinue our production at any time.
- 1.2. Our written acknowledgement of order constitutes a contract, an acknowledgement of order by facsimile is sufficient also. The content of the acknowledgement of order shall at the same time be the content of the contract unless the customer raises an objection against it immediately after receipt. Otherwise, our acknowledgement of order and our Terms and Conditions of Sale, Delivery and Payment shall be deemed to have been accepted.
- 1.3. After the acknowledgement of order has been sent, the order placed with us can no longer be modified or cancelled.
- 1.4. The present Terms and Conditions of Sale, Delivery and Payment shall supersede any purchasing conditions of our customers in any case.
- 1.5. The prices are understood as ex works, unpackaged, carriage forward and without VAT.
- 1.6. In case of an increase in costs during the period between the acknowledgement of order and delivery, we shall be entitled to make the respective price adjustments.
- 1.7. In case that a component of a fitting ordered is not needed, the price deduction shall not be made according to the component price but according to our price calculation.
- 1.8. Declarations made or to be made by HERZ to our contract partners come into force once the declarations have been sent to the mailing address provided to us even if this mailing address has changed and we were not notified of this change immediately.
- 1.9. Changes and additions to this contract are only valid with written confirmation by persons at our company registered as authorised representatives in the commercial register. Our other employees are not authorised to agree on changes or ancillary agreements.

2. Conditions of Payment

- 2.1. As long as nothing else is given in the order confirmation, payments are net cash at receipt of the invoice and without any discount.
- 2.2. In the event of late payment, we reserve the right to charge interest on default in the amount of 10% above the respective Austrian bank rate per annum, however no less than 1% per month. Only payments made to the respective point of payment specified in the invoice shall be recognised by us. In the case of bank transfers, the payment is only considered made when the invoice amount has been irrevocably credited to our account.
- 2.3. Bills of exchange, cheques and payments by payment order shall only be recognised on account of payment.
- 2.4. Upon payment by acceptance or customer's bill, the arising discounting charges shall be borne by the debtor.
- 2.5. The date of the invoice shall be relevant for the date of payment in any case, even if goods are received with a delay for reasons not to be attributed to us.
- 2.6. Missing the payment deadline, loss of creditworthiness of the ordering party or other legitimate reasons entitle us, at our discretion, to withdraw from the contract or to declare all of our claims to be due immediately without consideration of the agreed payment deadline, all without hereby justifying a claim to performance or compensation for damages against us.

3. Retention of Title

- 3.1. The goods supplied by us shall remain our property until payment in full has been made for any and all goods supplied. This shall also apply to the payment of any bills of exchange accepted in payment by us. Our ownership right transfers in the event of sale by the purchaser to the proceeds obtained by the purchaser and in the event of further processing to the end product (proportionally). In the event of sale by the purchaser, the purchaser must inform its buyer of the existence of the reservation of ownership.
- 3.2. The purchaser must inform us immediately if third parties assert claims to the goods delivered under reservation of ownership or claim rights thereto. Any legal expenses shall be borne by the purchaser.

4. Packing and Dispatch

- 4.1. The goods will be packed to commercial standards at the purchaser's expense. Packing materials will not be taken back. The packing shall be dimensioned assuming customary transport conditions.
- 4.2. The goods will be dispatched ex-works at the risk of the purchaser, even in case of delivery freight prepaid.
- 4.3. The seller shall be obliged to take out insurance only if and to the extent that this has been agreed upon in writing.

5. Product Modifications

- 5.1. We reserve the right to make design modifications, to change tolerances and to make improvements.
- 5.2. In case of special designs manufactured according to customer sample, model or drawing, we reserve the right to supply up to 5% more or less than the quantity ordered.

6. Complaints

- 6.1. Defects or damage discernible during a proper receipt inspection must be reported immediately after receipt of the goods; indiscernible defects must be reported immediately after their discovery. However, any warranty claim shall expire three months after delivery.
- 6.2. Deviations in the quantity of units supplied or in weight must also be reported to the transporter or forwarding company (carrier) upon receipt of the goods and the differences must be documented. Any defective units shall be returned to us without delay freight prepaid.

7. Warranty

- 7.1. We will perform our warranty obligation by replacing free of charge any items which verifiably become entirely unusable within three months due to defective material or defective production, if the defective parts are returned within four months from delivery.

8. Returned goods

- 8.1. Returned goods shall only be accepted with our prior written consent and only carriage paid to our plant in Vienna in undamaged condition.
- 8.2. Return of items made to order will not be accepted in any case.

9. Late delivery and release from the delivery obligation

- 9.1. The obligation to deliver and to adhere to the delivery period shall be suspended by any extraordinary events and circumstances not to be attributed to us which causes a relevant interruption of operations or makes the dispatch of goods impossible.
- 9.2. In the event that dispatching of goods is impossible, we shall be entitled to store any goods already manufactured at the expense and risk of the buyer. In that case, the goods will be invoiced to the buyer as if they had already been supplied.
- 9.3. If we are late with the delivery, the purchaser must agree to a reasonable deadline extension of not less than six weeks. The purchaser is no longer entitled to withdraw from the contract – even after setting of an extended deadline – if we have already begun production of the ordered goods.

10. Quality of a Consignment

- 10.1. The quality of a consignment cannot be assessed on the basis of the quality of individual items.

11. Damages, Limitation of Warranty

- 11.1. The amount of any claims is limited according to the net invoice value of the item in question.
- 11.2. We are entitled to resolve any guarantee claims by providing replacement articles. There is no entitlement to a price reduction.
- 11.3. Demands for compensation for damages arising from installation costs, processing costs, maintenance costs, etc. shall not be accepted or compensated by us under any circumstances.
- 11.4. Claims of the customer to compensation for damages, regardless of their legal basis, in particular due to late performance, impossibility of delivery, positive breach of obligation, negligence upon contract conclusion, consequential harm caused by defects, defects or prohibited actions are excluded insofar as they are not based on intent or gross negligence on our part. The existence of intent or gross negligence must be proven by the customer. Information issued by us (installation and maintenance instructions, details of areas of use for products, etc.) must be strictly adhered to. Where instructions are disregarded or ignored, the official conditions release us from any liability.
- 11.5. We accept no liability for damages arising from improper handling or use, excessive loading or natural wear. Furthermore, we do not assume liability with respect to any loss or damage caused by negligence nor any indirect or consequential loss.
- 11.6. Our liability for property damage from a product defect according to the Product Liability Act is excluded for all companies participating in the production and sale of our products as well as for all purchasers of our products, insofar as they are businesses. Our contract partners, insofar as they are businesses, accept the obligation to impose this liability disclaimer clause on their buyers, insofar as these in turn are businesses and our products are involved.

12. Place of Fulfilment and Jurisdiction

- 12.1. The place of fulfilment for all claims arising under the contract is Vienna, insofar as the goods are obtained from the plant in Vienna; if the goods are obtained from the plant in Kemeten, the place of fulfilment is Kemeten.
- 12.2. Vienna is agreed as the exclusive place of jurisdiction for all claims under the contract for contract partners from countries of the European Union as well as from countries of the European Economic Area and for contract partners registered in a country that has concluded an enforcement agreement with Austria.
- 12.3. Vienna is agreed as the place of jurisdiction for contract partners coming from countries that are not covered under item 12.2. The seller reserves the right to also assert the claim under the contract in the respective country before the respectively competent court.
- 12.4. Austrian law shall apply exclusively as subsidiary to these Terms of Sale, Delivery and Payment. The application of the Vienna UN Convention on Contracts for the International Sale of Goods is excluded.

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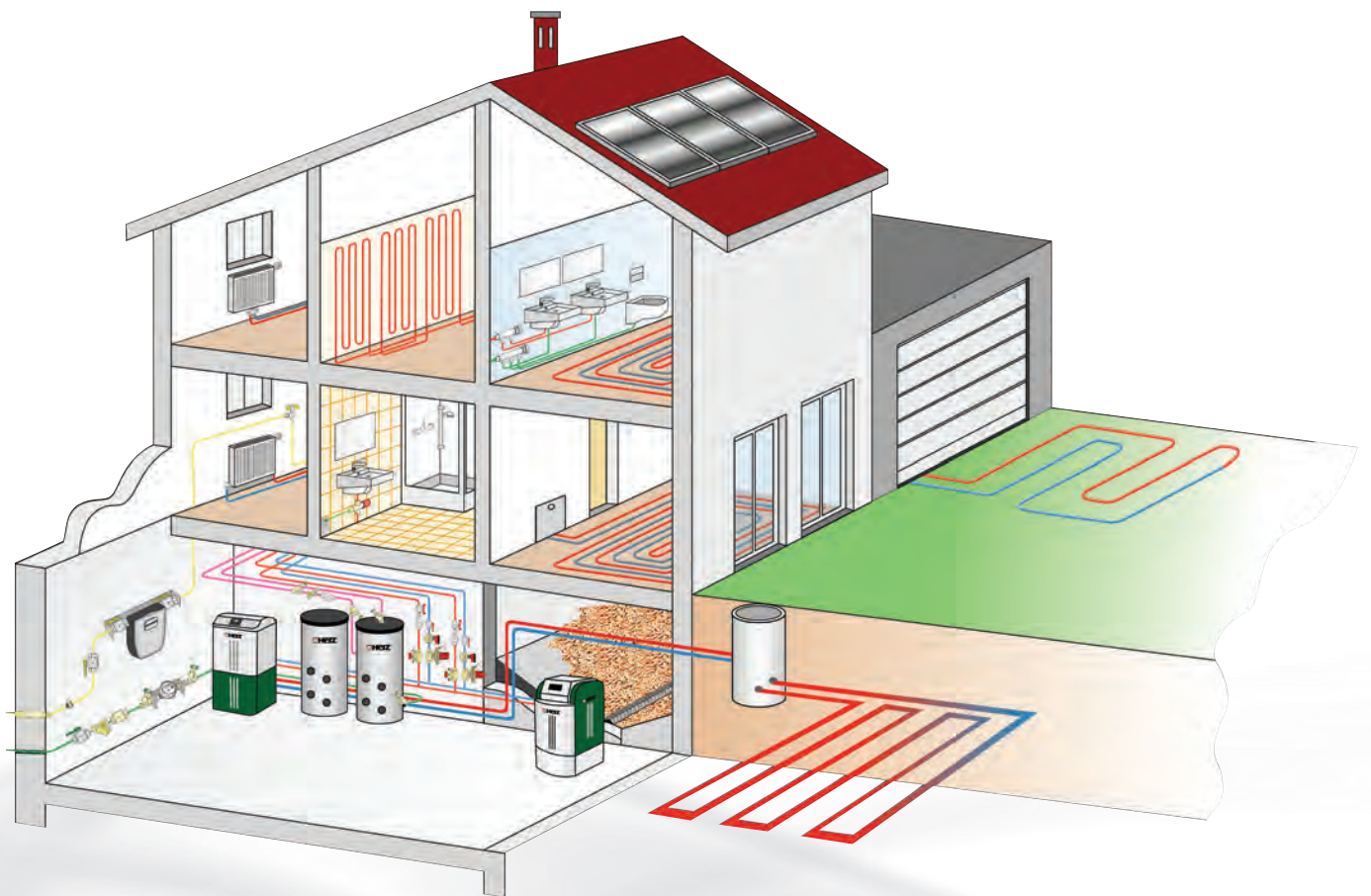
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6630	80	7633	11, 34, 40	8570	255		
6639	80	7634	11, 40	8575	248	S910	196
6640	105	7638	11, 34, 40	8631	254	S912	196, 197
6680	80	7645	11, 34, 40	8632	254	S913	197
6701	82	7646	11, 34, 40	8633	254	S918	197
6702	82	7648	34	8634	254	S919	197
6705	82, 106	7650	66	8800	234	S940	196
6710	82	7658	34, 40	8900	104	S958	197
6800	80	7659	34, 40	8903	104	S970	196
6807	43	7683	15	8904	104		
6808	43	7684	15				
6809	43	7688	67	9102	17, 22, 25, 28, 101		
6810	82	7708	138, 139	9200	4, 5, 21, 25, 27, 29, 53, 55		
6819	43, 80, 105, 260	7711	140	9201	42		
6822	18, 71	7712	141, 142, 143, 261	9230	4, 20, 24, 27		
6823	48	7713	36	9238	5		
6824	48	7714	36	9239	6		
6833	48	7715	36	9260	20, 24, 27, 29		
6848	48	7716	36	9330	22, 26, 28		
6890	45, 82	7717	36	9352	22, 26, 28		
		7718	36	9355	22, 26, 28		
7010	184	7723	35, 37-39, 41, 98	9358	22, 26, 28		
7016	175, 176, 180, 181, 184, 188, 193, 194	7724	35, 37-39, 41	9420	26		
7020	175, 176, 180, 181, 184, 188, 193, 194	7728	35, 37, 38, 41, 63	9421	23, 26, 240		
7026	175, 176, 180, 181, 184, 188, 193, 194	7733	35, 37, 41	9430	22, 26		
7032	175, 176, 180, 181, 188, 193, 194	7734	41	9460	22, 26		
7040	175, 176, 180, 181, 188	7738	35, 41	9551	31		
7050	175, 176, 180, 181, 188	7740	30	9552	31		
7063	176, 180, 181, 188	7745	35, 37, 41, 65	9553	31		
7075	176, 181	7746	35, 37, 41, 65	9554	31		
7116	74, 175, 179, 183, 185-187, 194	7748	35, 37	9596	31		
7120	74, 175, 179, 183, 185-187, 194	7758	35, 37, 38, 41, 63	9597	31		
7126	179, 183, 185, 194	7759	35, 37, 38, 41, 63	9598	31		
7132	179, 183, 194	7760	100	9599	31		
7140	179, 183	7761	65, 99	9860	21, 24		
7150	179, 183	7762	100	9861	21, 24		
7151	66	7763	100				
7163	179, 183	7765	66				
7173	64	7766	98, 163, 164, 240	C101	170		
7174	64	7767	68	C160	170-172		
7175	64, 179	7780	43	C200	170-172		
7176	64	7781	43	C260	170-172		
		7783	68-70	C320	170, 171		
		7784	15, 69, 70	C400	170		
		7786	15, 69, 70	C500	170		
		7790	146	C630	170		
		7791	146, 150	C750	170		

The HERZ order numbers have seven digits. Digits 2-5 indicate the actual article number; the last two digits indicate the design variant. To make the article number index easier to use, only the four-digit article numbers are given.

Selection Table for Drives

		Herz Des.	1 7712 29 24 V continuous, 2-3-point 500 N, 20 mm	1 7712 31 24 V continuous, 2-3-point 1000 N, 20 mm	1 7712 32 24 V continuous, 2-3-point 2500 N, 40 mm	1 7712 21 24 V continuous, 2-3-point 2500 N, 40 mm
Combi valve						
F 4006 71	15	2.5	1 7712 20 *			
F 4006 90			1 7712 20 *			
F 4006 72	15	4	1 7712 20 *			
F 4006 91			1 7712 20 *			
F 4006 73	25	6.3	1 7712 20 *			
F 4006 92			1 7712 20 *			
F 4006 93	25	8	1 7712 20 *			
F 4006 53			1 7712 20 *			
F 4006 74	32	12	1 7712 20 *			
F 4006 94			1 7712 20 *			
F 4006 75	40	20	1 7712 20 *			
F 4006 95			1 7712 20 *			
F 4006 61			1 7712 20 *			
F 4006 80	50	32	1 7712 20 *			
F 4006 96			1 7712 20 *			
F 4006 62			1 7712 20 *			
F 4006 81	65	50		1 7712 18 *		
F 4006 97			1 7712 18 *			
F 4006 63			1 7712 20 *			
F 4006 82	80	80		1 7712 18 *		
F 4006 98			1 7712 18 *			
F 4006 64				1 7712 17 *		
F 4006 83	100	125				Direct installation
F 4006 99						
F 4006 65				1 7712 17 *		
F 4006 84	125	180				Direct installation
F 4006 10						
F 4006 66	125	180				Direct installation
F 4006 56						
F 4006 67	150					Direct installation
F 4006 57	150					Direct installation
F 4006 68	200					Direct installation
F 4006 69	250					Direct installation
F 4006 85	150					Direct installation
F 4006 11	150					Direct installation
F 4006 39	15	1.6	1 7712 20 *			
F 4006 40	15	2.5	1 7712 20 *			
F 4006 41	15	4	1 7712 20 *			
F 4006 42	20	6.3	1 7712 20 *			
2-port valves						
F 4035 01	15	1	1 7712 20 *			
F 4035 40			1 7712 20 *			
F 4035 11	15	1.6	1 7712 20 *			
F 4035 51			1 7712 20 *			
F 4035 21	15	2.5	1 7712 20 *			
F 4035 61			1 7712 20 *			
F 4035 31	15	4	1 7712 20 *			
F 4035 71			1 7712 20 *			
F 4035 03	25	6.3	1 7712 20 *			
F 4035 43			1 7712 20 *			
F 4035 13	25	10	1 7712 20 *			
F 4035 53			1 7712 20 *			
F 4035 04	32	16		1 7712 17		
F 4035 44			1 7712 17			
F 4035 05	40	25		1 7712 17		
F 4035 45			1 7712 17			
F 4035 16	50	40		1 7712 17		
F 4035 56			1 7712 17			
F 4035 07	65	63		1 7712 17		
F 4035 47			1 7712 17			
F 4035 08	80	100		1 7712 17		
F 4035 48			1 7712 17			
F 4035 09	100	160				Direct installation
F 4035 49						Direct installation
F 4035 10	125	250				Direct installation
F 4035 50						Direct installation
F 4035 41	150	330				Direct installation
F 4035 52						Direct installation
3-port valves						
F 4037 01	15	1	1 7712 20			
F 4037 11	15	1.6	1 7712 20			
F 4037 21	15	2.5	1 7712 20			
F 4037 31	15	4	1 7712 20			
F 4037 03	25	6.3	1 7712 20			
F 4037 13	25	10	1 7712 20			
F 4037 04	32	16		1 7712 17		
F 4037 05	40	25		1 7712 17		
F 4037 16	50	40		1 7712 17		
F 4037 07	65	63		1 7712 17		
F 4037 08	80	100		1 7712 17		
F 4037 09	100	160				Direct installation
F 4037 10	125	250				Direct installation
F 4037 41	150	330				Direct installation
Mixers						
1 2137 11	15					
1 2137 12	20					
1 2137 13	25					
1 2137 14	32					
1 2137 15	40					
1 2137 16	50					
Ball valves						
1 2117 11	15					
1 2117 12	20					
1 2117 13	25					
1 2117 14	32					
1 2117 15	40					
1 2117 16	50					

* The adapter specified in the cell is required for installation.



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