

Herz Valves UK Ltd Product List

2018



Herz Valves UK

This product list is a guide to Herz products suitable for the UK HVAC market. For a more comprehensive list of Herz products please visit the website at www.herzvalves.com

Headquarters
Vienna



Wieliczka
Poland



Pinkafeld
Austria



Kemeten
Austria



Smartno
Slovenia



Feniks
Nis



Guildford
UK



Herz Valves UK Ltd

Progress House, Moorfield Point

Moorfield Road, Slyfield Industrial Estate

Guildford, Surrey GU1 1RU

Tel: 01483 502211, Fax: 01483 502025

E-Mail: sales@herzvalves.com, Web: www.herzvalves.com

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Thermostatic Sensors

Classic Sensor



Standard Sensor 6 - 28°C
1726006

Quattro Sensor 0 - 28°C
1723006

High Lift Sensor for Single Pipe 8 - 25°C
1726200

Quattro Sensor SP2 10 - 22°C
1723022

Design Sensor



Design head 0 - 30°C
1923006

Design head 6 - 28°C
1926006

Design Sensor with grip ring for the elderly

Design head 0 - 30°C
1923059

Design head 6 - 28°C
1926059

Manual Handwheel

Design Handwheel
1910280

Design Remote Control

2m Capillary 6 - 28°C
1933005

5m Capillary 6 - 28°C
1933010

8m Capillary 6 - 28°C
1933018

10m Capillary 6 - 28°C
1933020

Herzcles Vandal Resistant Sensor



Herzcles 8 - 26°C
1986010

4° Turndown
1986240

10° Turndown
1986210

Herzcles tightening tool
1955401

Herzcles setting tool
1955400

Mini Design Sensor



Mini head 0 - 30°C
1920030

Mini GS head 0 - 30°C
1920003

Mini Turbo head 0 - 30°C
1920013

Limiting Pins

Limiting pins for all Herz Thermostatic heads except the Mini
1955100

Limiting pins for Mini head
1955102

Design Remote Sensing Phial

2m Capillary 0 - 30°C
1943008

8m Capillary 0 - 30°C
1943018

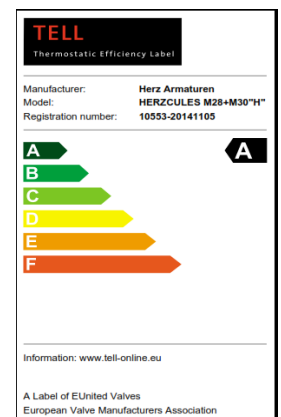
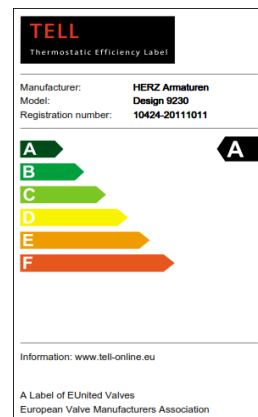
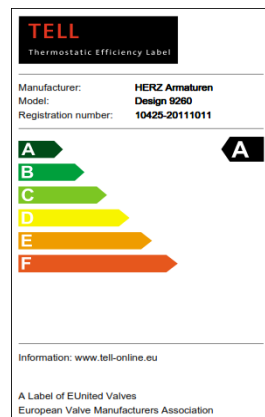
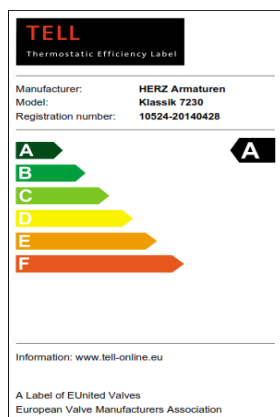
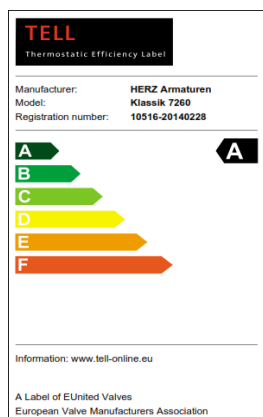
2m Capillary 6 - 28°C
1946006

8m Capillary 6 - 28°C
1946018



Thermostatic Efficiency Label

The following Thermostatic heads have been certified for energy efficiency with TELL and awarded the Keymark



Two Pipe Thermostatic Bodies

TS-90 Bodies

Straight pattern

1772391	1/2"
1772392	3/4"
1772393	1"

Angle pattern

1772491	1/2"
1772492	3/4"
1772493	1"

Reverse Angle pattern

1772891	1/2"
1772897	3/4"

3D Axis Valve LHS

1775891	1/2"
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3D Axis Valve RHS

1775991	1/2"
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Straight pattern with male thread G 3/4 Eurocone

1773381	1/2"
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Angle pattern with male thread G 3/4 Eurocone

1772437	1/2"
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Reverse Angle pattern with male thread G 3/4 Eurocone

1774891	1/2"
---------	------



TS-98-V Presettable Bodies

Straight pattern

1762367	1/2"
1762369	3/4"

Angle pattern

1762467	1/2"
1762469	3/4"

Reverse Angle pattern

1762867	1/2"
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Straight pattern with male thread G 3/4 Eurocone

1763367	1/2"
---------	------



Angle pattern with male thread G 3/4 Eurocone

1763867	1/2"
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Reverse Angle pattern with male thread G 3/4 Eurocon

1764867	1/2"
---------	------



TS-99-FV Presettable Bodies

Straight pattern

1752367	1/2"
---------	------

Angle pattern

1752467	1/2"
---------	------

Reverse Angle pattern

1752867	1/2"
---------	------

Presetting key for TS-98 & 99

1681998	1/2"
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Presettable TRV Rule of Thumb

kW load	10° Δt	15° Δt	20° Δt	25° Δt	30° Δt
0.5	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV
1.0	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV
1.5	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV
2.0	TS-98-V	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV
2.5	TS-98-V	TS-98-V	TS-99-FV	TS-99-FV	TS-99-FV
3.0	TS-98-V	TS-98-V	TS-99-FV	TS-99-FV	TS-99-FV
3.5	TS-98-V	TS-98-V	TS-98-V	TS-99-FV	TS-99-FV
4.0	TS-98-V	TS-98-V	TS-98-V	TS-99-FV	TS-99-FV
4.5	TS-98-V	TS-98-V	TS-98-V	TS-98-V	TS-99-FV

Thermostatic radiator valve replacement inserts can be found on page 6

Copper Connections for Radiator Valves

Compression Adapters for Female Thread

To fit 1/2" valves with 1/2" BSP female thread

1629201	15mm Cu
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Compression Adapters for Male Thread

To fit 1/2" valves with G3/4 male thread

1627403	15mm Cu
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Male thread adapters suitable for other types of pipe can be found on page 27

Single Pipe Valves

TS-E Single Pipe Bodies

Straight pattern

1772311	1/2"
1772302	3/4"
1772303	1"

Angle pattern

1772411	1/2"
1772402	3/4"
1772403	1"

Reverse Angle pattern

1772811	1/2"
1772802	3/4"
1772803	1"



RL-1-E Single Pipe Return Valves

Straight pattern

1372301	1/2"
1372302	3/4"
1372303	1"

Angle pattern

1372401	1/2"
1372402	3/4"
1372403	1"



Domestic Radiator Valves

Bi-Directional TRV Sets – Angle/Reverse Angle

Mini Sensor

1773433	15mm
1773431	10mm

Standard Sensor

1773615	15mm
1773610	10mm



Manual Handwheel Valves-Angle/Reverse Angle

Bi-Directional

1783415	15mm
1783410	10mm



Return Valves

Angle pattern with metal cap

1373415	15mm
1373410	10mm

Angle pattern with white cap

1373430	15mm
1373431	10mm



Drain off Lockshield

Angle pattern with metal cap & drain off

1373425	15mm
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LST Kits

LST Kits

LST kits comprise of thermostatic valve body, lockshield valve, capillary extension, spigot piece and thermostatic head

Design Sensor

1923058

Herzcules Sensor

1986063



Extension Tailpiece

1621811	39mm
1621821	42mm
1621831	48mm
1621841	36mm
1621851	76mm



LST Capillary

1735060



Lockshield/Return Valves

RL1 Return Valves

Straight pattern

1372341	1/2"
1372342	3/4"

Angle pattern

1372441	1/2"
1372442	3/4"

Multi-Purpose Key for RL Return Valves

1662500

DR-T-90 Lockshield

Straight pattern

1682381	1/2"
1682382	3/4"
1682386	1"

Angle pattern

1682481	1/2"
1682482	3/4"
1682486	1"

DR-T-90 Wheelhead

Straight pattern

1682391	1/2"
1682392	3/4"
1682373	1"

Angle pattern

1682491	1/2"
1682492	3/4"
1682473	1"

Accessories for DR-T-90

1680000	1/2"-3/4" Preset Key
1660000	1"-1 1/4" Preset Key

RL5 Presettable Return Valves

Straight pattern

1392301	1/2"
1392302	3/4"

Angle pattern

1392401	1/2"
1392402	3/4"

Accessories for RL5 Return Valves

1025601	Drain Valve for RL5
1620601	Hose union
1663901	Pre-Setting Key

GP Lockshield

Straight pattern

1552311	1/2"
1552312	3/4"

Angle pattern

1552411	1/2"
1552412	3/4"

Manual Valves

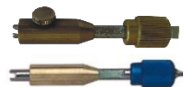
GP Wheelheads

Straight pattern

1552321	1/2"
1552322	3/4"

Angle pattern

1552421	1/2"
1552422	3/4"



De Luxe Valves

De Luxe Thermostats

1923041	Chrome Sensor
1923044	White RAL 9010
1923049	Black Sensor
1920041	Mini Chrome
S920034	Mini White RAL 9010



De Luxe Thermostatic Bodies

Straight pattern

1792341	1/2" Chrome
1792344	1/2" RAL 9010 White
1792349	1/2" Black

Angle pattern

1792441	1/2" Chrome
1792444	1/2" RAL 9010 White
1792449	1/2" Black



De Luxe TS-98-V Presettable Bodies

Straight pattern M22 x 1.5

S763341	1/2" Chrome
S763344	1/2" RAL 9010 White

Angle pattern M22 x 1.5

S763441	1/2" Chrome
S763444	1/2" RAL 9010 White

Reverse angle pattern M22 x 1.5

S763841	1/2" Chrome
S763844	1/2" RAL 9010 White



De Luxe TS-3000 Presettable Bodies

Straight pattern for two pipe 50mm centres M22 x 1.5

S369241	1/2" Chrome
S369244	1/2" RAL 9010 White

Straight pattern for one pipe 50mm centres M22 x 1.5

S379241	1/2" Chrome
S379244	1/2" RAL 9010 White



Automatic Air Vent for Radiators

Straight pattern

I011741	1/2" Chrome
I011744	1/2" RAL 9010 White

Angle pattern

I011641	1/2" Chrome
I011644	1/2" White RAL 9010



De Luxe Return Valves

Straight pattern

1372541	1/2" Chrome
1372544	1/2" White RAL 9010
1372549	1/2" Black

Angle pattern

1372641	1/2" Chrome
1372644	1/2" White RAL 9010
1372649	1/2" Black



15mm Copper Connections with Sleeve

1629241	Chrome
1629244	White RAL 9010
1629249	Black



De Luxe RL Return Valves

Straight pattern M22 x 1.5

S373341	1/2" Chrome
S373344	1/2" White RAL 9010

Angle pattern M22 x 1.5

S373441	1/2" Chrome
S373444	1/2" White RAL 9010

Reverse angle pattern M22 x 1.5

S373841	1/2" Chrome
S373844	1/2" White RAL 9010



De Luxe TS-3000 Presettable Bodies

Angle pattern for two pipe 50mm centres M22 x 1.5

S369141	1/2" Chrome
S369144	1/2" RAL 9010 White

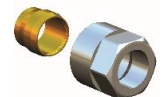
Angle pattern for one pipe 50mm centres M22 x 1.5

S379141	1/2" Chrome
S379144	1/2" RAL 9010 White



15mm Copper Connections M22 x 1.5

S628415	Chrome plated
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16 x 2mm PE-X, PB & MLCP Connections M22 x 1.5

S606616	Chrome plated
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Herz 2000 Connections for Top & Bottom same end

2000 one pipe bypass body with shut off

G 3/4 connections required

1717301 1/2" x G 3/4

M22 connections required

1717401 1/2" x M22



TS-90 Thermostatic Valve inc comp adapter

Straight pattern with elbow

1772719 1/2" x 15

Reverse Angle pattern with Air Vent

1772892 1/2" x 15



2000 two pipe bypass body with shut off

G 3/4 connections required

1717501 1/2" x G 3/4

M22 connections required

1717601 1/2" x M22



Connection pipe 15mm

Nickel plated copper

1633011 550mm

1633031 1000mm



Herz VTA-40-Four way Thermostatic Valves

VTA-40 One pipe thermostatic valve

G 3/4 pipe connection Sparge pipe l = 290mm, Ø = 11mm

1776741 1/2"

1776742 3/4"



VTA-40 Two pipe thermostatic valve

G 3/4 pipe connection Sparge pipe l = 290mm, Ø = 11mm

1776751 1/2"

1776752 3/4"



Thermostatic Three-way Valves

CALIS-TS Three-way

Flat seal without connections (see page 28)

1776101 1/2"

1776102 3/4"



CALIS-TS-RD Three-way 100% Distribution

Flat seal without connections (see page 28)

1776138 1/2"

1776139 3/4"

1776140 1"

1776141 1 1/4"



Thermostatic Contact Sensor

20 - 50°C 2m capillary

1742006

40 - 70°C 2m capillary

1742100



Insertion Pocket

1/2" BSP Thread

1631301



Radiator Valve Servicing

Herz Changefix Tool

For Two Pipe Thermostatic valves with M28 x 1.5 Thread

1778000

Cleaning brush attachment for Changefix tool

1778101



Replacement Thermostatic Inserts

TS-90 Thermostatic Inserts

1639090 3/8"

1639091 1/2"

1639092 3/4"

1639093 1"

TS-98-V Presettable Thermostatic Insert

1636798 1/2"

TS-99-FV Low Flow Thermostatic Insert

1636799 1/2"



TS-90 Assembly Key

For valve bodies and heads

1680790



Reducing Tailpiece

For 3/4" valve bodies 1/2" radiator connection

1621012



Tailpiece Assembly Key

1668000



Programmable Thermostatic Head

ETK Programmable Sensor

Programmable time & temperature control
 Setting range 5 - 30°C
 1825010

Cube + LAN Gateway

Interface between home network & ETKF+ head
 1825105



ETKF+ Wireless Programmable Sensor

Programmable time & temperature control
 Setting range 5 - 30°C
 1825101
 Window sensor +
 1825102
 Room thermostat +
 1825103
 Ecoswitch + for temperature reduction of ETKF+ heads
 1825106



Room Temperature Control

Analogue Room Thermostat

Set value range 10 - 30°C
 1779015 230V
 Set value range 5 - 30°C
 3F79100 230V/24V



New Analogue Room Thermostat

Set value range 10 - 28°C, Eco setting
 Frost setting 6°C
 3F79911 230V
 3F79912 24V
 Set value range 10 - 28°C, Eco setting
 Frost setting 6°C, Cooling mode
 3F79913 230V
 3F79914 24V



Digital Programmable Room Thermostat

Set value range 10 - 28°C, Eco setting
 Frost setting 5°C
 3F79915 230V
 3F79916 24V
 Set value range 10 - 28°C, Eco setting
 Frost setting 5°C, Cooling mode, floor sensor input
 3F79917 230V
 3F79918 24V



Zone Control Valves

Zone Valve PN16

Remote sensor or actuator can be fitted.

1772382	3/4"
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7217 GV Zone Valve PN16

Actuator required separately see page 15

1721771	1/2"
1721772	3/4"
1721773	1"



Two Port Zone/Control Ball Valve PN40

Ball with equal percentage characteristic

Actuator required see page 15

1211701	1/2"
1211702	3/4"
1211703	1"
1211704	1 1/4"
1211705	1 1/2"
1211706	2"



Zone/Control Valve PN20

7217-TS-V Control valve with integral orifice 4mm stroke

Actuator required see page 15

1721750 Low flow	1/2"
1721759 Medium flow	1/2"
1721751	1/2"
1721752	3/4"



Thermostatic Control Valves for Radiant Panels

Thermostatic Balancing Valve PN16

7217-TS-98-V Pre-settable Thermostatic balancing valve c/w Test Points, remote thermostatic sensor or actuator can be fitted.

If actuators are fitted, grey adapter ring 1770880 should be ordered separately

1721737	1/2"
---------	------



Connections are required

1721767	G3/4
---------	------



7217-TS-99-FV Pre-settable thermostatic balancing valve c/w Test Points, remote thermostatic sensor or actuator can be fitted.

1721738	1/2"
---------	------



Connections are required

1721768	G3/4
---------	------



7217-AS-T-90 Double Regulating valve c/w Test Points

1721736	1/2"
---------	------



Connections are required

1721766	G3/4
---------	------



Control Valves

Three Port Mixing & Diverting Valve PN16

Flat seal, connections are required

1403715	1/2"
1403720	3/4"
1403725	1"
1403732	1 1/4"
1403740	1 1/2"
1403750	2"



HERZ Cast Iron 2 Port Control Valves PN16

Actuators req supplied separately

Equal percentage characteristic

F403507	kvs 63	2 1/2"
F403508	kvs 100	3"
F403509	kvs 160	4"



HERZ Cast Iron 3 Port Control Valves PN16

Actuators req supplied separately

Equal percentage characteristic

F403707	kvs 63	2 1/2"
F403708	kvs 100	3"
F403709	kvs 160	4"



For Remote Sensors see page 1, for Actuators see page 15, for connections see page 27

Commissioning Valves

Commissioning Valve PN20

DZR Fixed Orifice Commissioning Valve with integral orifice

1401711	Low flow	1/2"
1401721	Medium flow	1/2"
1401701		1/2"
1401702		3/4"
1401703		1"
1401704		1 1/4"
1401705		1 1/2"
1401706		2"



Valve sizing rule of thumb 14017 & 14000

Size	Valve	kV Value	Flow Rate l/s			
			Signal 1 kPa	Signal 4.7 kPa	Signal 10 kPa	Velocity 1.15 m/s
1/2" LF	1401711	0.48	0.013	0.029	0.042	
1/2" MF	1401721	0.97	0.027	0.058	0.085	
1/2"	1401701	1.95	0.054	0.117	0.171	
3/4"	1401702	3.95	0.110	0.238	0.347	
1"	1401703	7.9	0.219	0.476		0.678
1 1/4"	1401704	15.75	0.438	0.948		1.177
1 1/2"	1401705	21.5	0.597	1.295		1.593
2"	1401706	46.7	1.297	2.812		2.547
1/2" LF	1400011	0.55	0.015	0.033	0.048	
1/2" MF	1400021	1.1	0.031	0.066	0.097	
1/2"	1400001	2.2	0.061	0.132	0.193	
3/4"	1400002	4.25	0.118	0.256	0.373	
1"	1400003	8.6	0.239	0.518		0.678
1 1/4"	1400004	15.9	0.442	0.958		1.177
1 1/2"	1400005	23.7	0.658	1.427		1.593
2"	1400006	48	1.333	2.891		2.547

Double Regulating Valves PN20

4017R DZR Double Regulating Valves WRAS

1401761	1/2"
1401762	3/4"
1401763	1"
1401764	1 1/4"
1401765	1 1/2"
1401766	2"



Strömax - GR DZR Double Regulating Valves (*Straight pattern*)

1421761	1/2"
1421762	3/4"
1421763	1"
1421764	1 1/4"
1421765	1 1/2"
1421766	2"
1421767	2 1/2"
1421768	3"



Digital manometer

Measuring computer

1890004

For use with Commissioning Valves



VODRV Commissioning Valves PN16

Strömax - GM DZR Variable Orifice DRV

1421730	Low flow	1/2"
1421731	Medium flow	1/2"
1421701		1/2"
1421732		3/4"
1421733		1"
1421734		1 1/4"
1421735		1 1/2"
1421736		2"
1421707		2 1/2"
1421708		3"



DZR Metering Stations PN16

1400011	Low flow	1/2"
1400021	Medium flow	1/2"
1400001		1/2"
1400002		3/4"
1400003		1"
1400004		1 1/4"
1400005		1 1/2"
1400006		2"



Test Points RP 1/4"

Standard test points

1028401	Blue	1/4"
1028402	Red	1/4"



Extended test points

1028411	Blue	1/4"
1028412	Red	1/4"



Special Test Points RP 1/4"

Test point with drain function

1028421	Blue	1/4"
1028422	Red	1/4"



Test point with capillary connection

1028403	Blue	1/4"
1028404	Red	1/4"



Cast Iron Commissioning Valves

Cast Iron Commissioning Sets PN16

Strömmax GF Valves 8 series (previously 7 series)
supplied with Stainless Steel Orifice Plates

1421881CS	2½"
1421882CS	3"
1421883CS	4"
1421884CS	5"
1421885CS	6"
1421886CS	8"
1421887CS	10"
1421888CS	12"



Cast Iron Double Regulating Valves PN16

Strömmax -GF VO Double Regulating Valves with test points,
8 series (previously 7 series)

1421881	2½"
1421882	3"
1421883	4"
1421884	5"
1421885	6"
1421886	8"
1421887	10"
1421888	12"



Valve sizing rule of thumb 14218CS & HV2740

Size	Valve	kV Value	Flow Rate l/s			Velocity 3.0 m/s
			Signal 1 kPa	Signal 4.7 kPa	Signal 10 kPa	
65	1421881CS	100.7	2.797	6.064	8.846	
80	1421882CS	133.8	3.717	8.058	11.753	
100	1421883CS	237.7	6.603	14.314	20.880	
125	1421884CS	339	9.417	20.415	29.778	
150	1421885CS	511	14.194	30.773	44.887	
200	1421886CS	858	23.833	51.669	75.368	
250	1421887CS	1235	34.306	74.373	108.484	
300	1421888CS	1793	49.806	107.976	157.499	

Stainless Steel Orifice Plates PN16

HV2740-07	2½"
HV2740-08	3"
HV2740-09	4"
HV2740-10	5"
HV2740-11	6"
HV2740-12	8"
HV2740-13	10"
HV2740-14	12"



Semi Lugged Butterfly Commissioning Set PN16

Spool piece required

BF-DR-SLG-07CS	2½"
BF-DR-SLG-08CS	3"
BF-DR-SLG-09CS	4"
BF-DR-SLG-10CS	5"
BF-DR-SLG-11CS	6"
BF-DR-SLG-12CS	8"
BF-DR-SLG-13CS	10"
BF-DR-SLG-14CS	12"



Fully Lugged Butterfly Commissioning Set PN16

Spool piece required

BF-DR-FLG-07CS	2½"
BF-DR-FLG-08CS	3"
BF-DR-FLG-09CS	4"
BF-DR-FLG-10CS	5"
BF-DR-FLG-11CS	6"
BF-DR-FLG-12CS	8"
BF-DR-FLG-13CS	10"
BF-DR-FLG-14CS	12"



Semi Lugged Butterfly DRV PN16

Gear operated

BF-DR-SLG-07	2½"
BF-DR-SLG-08	3"
BF-DR-SLG-09	4"
BF-DR-SLG-10	5"
BF-DR-SLG-11	6"
BF-DR-SLG-12	8"
BF-DR-SLG-13	10"
BF-DR-SLG-14	12"



Fully Lugged Butterfly DRV PN16

Gear operated

BF-DR-FLG-07	2½"
BF-DR-FLG-08	3"
BF-DR-FLG-09	4"
BF-DR-FLG-10	5"
BF-DR-FLG-11	6"
BF-DR-FLG-12	8"
BF-DR-FLG-13	10"
BF-DR-FLG-14	12"



Dynamic Balancing Valves

SMART PIBCV PN16

Male thread version

PIBCV Designed for Low Flow rates

Actuators & connections required supplied separately

1400620 Low Flow	1/2"
1400629 Medium Flow	1/2"
1400621	1/2"
1400622	3/4"



SMART PIBCV PN16

Female thread version Rp to ISO228

PIBCV Designed for Low Flow rates

Actuators required supplied separately

1420620 Low Flow	1/2"
1420629 Medium Flow	1/2"
1420621	1/2"
1420622	3/4"



PIBCV PN16

Male thread version

Actuators & connections required supplied separately

1400611	1/2"
1400612	3/4"
1400613	1"
1400614	1 1/4"
1400615	1 1/2"
1400616	2"



PIBCV PN16

Female thread version Rp to ISO228

Actuators required supplied separately

1420611	1/2"
1420612	3/4"
1420613	1"
1420614	1 1/4"
1420615	1 1/2"
1420616	2"



Automatic Balancing Valve PN16

Pressure Independent ABV, connections separate

1400121	1/2"
1400122	3/4"
1400123	1"
1400124	1 1/4"
1400125	1 1/2"
1400126	2"



7217 GV Zone/Partnering Valves PN16

Herz 7217 GV Zone valve can be used as a partnering valve

Actuator required separately

Capillary test point 1028403 required separately

1721771	1/2"
1721772	3/4"
1721773	1"



Differential Pressure Control Valves Male Thread C/W Partnering Valves PN16

Herz DPCV 5 - 30KPa, male thread, connections separate

1400241	1/2"
1400242	3/4"
1400243	1"
1400244	1 1/4"
1400245	1 1/2"
1400246	2"



Strömax GML Partner valve

1421719	1/2"
1421712	3/4"
1421713	1"
1421714	1 1/4"
1421715	1 1/2"
1421716	2"



Herz DPCV 25 - 60 KPa, male thread, connections separate

1400261	1/2"
1400262	3/4"
1400263	1"
1400264	1 1/4"
1400265	1 1/2"
1400266	2"



Strömax GML Partner valve

1421719	1/2"
1421712	3/4"
1421713	1"
1421714	1 1/4"
1421715	1 1/2"
1421716	2"



Herz DPCV 45 - 80 KPa, male thread, connections separate

1400271	1/2"
1400272	3/4"
1400273	1"
1400274	1 1/4"
1400275	1 1/2"
1400276	2"



Strömax GML Partner valve

1421719	1/2"
1421712	3/4"
1421713	1"
1421714	1 1/4"
1421715	1 1/2"
1421716	2"



Differential Pressure Control Valves Female Thread C/W Partnering Valves PN16

Herz DPCV 5 - 30KPa, female thread

1420241	1/2"
1420242	3/4"
1420243	1"
1420244	1 1/4"
1420245	1 1/2"
1420246	2"



Strömax GML Partner valve

1421719	1/2"
1421712	3/4"
1421713	1"
1421714	1 1/4"
1421715	1 1/2"
1421716	2"



Herz DPCV 25 - 60 KPa, female thread

1420261	1/2"
1420262	3/4"
1420263	1"
1420264	1 1/4"
1420265	1 1/2"
1420266	2"



Strömax GML Partner valve

1421719	1/2"
1421712	3/4"
1421713	1"
1421714	1 1/4"
1421715	1 1/2"
1421716	2"



Herz DPCV 45 - 80 KPa, female thread

1420271	1/2"
1420272	3/4"
1420273	1"
1420274	1 1/4"
1420275	1 1/2"
1420276	2"



Strömax GML Partner valve

1421719	1/2"
1421712	3/4"
1421713	1"
1421714	1 1/4"
1421715	1 1/2"
1421716	2"



Fixed Differential Pressure Control Valves PN16

Herz Fixed DPCV 23 KPa

Male thread version, connections separate

1400221	1/2"
1400222	3/4"
1400223	1"
1400224	1 1/4"
1400225	1 1/2"
1400226	2"



Herz Fixed DPCV 23 Kpa

Female thread version Rp to ISO228

1420221	1/2"
1420222	3/4"
1420223	1"
1420224	1 1/4"
1420225	1 1/2"
1420226	2"



Herz Fixed DPCV 23 KPa Zone Valve

Male thread version

Actuators & connections required, supplied separately

1400281	1/2"
1400282	3/4"
1400283	1"
1400284	1 1/4"
1400285	1 1/2"
1400286	2"



Herz Fixed DPCV 23 KPa Zone Valve

Female thread version Rp to ISO228

Actuators required, supplied separately

1420281	1/2"
1420282	3/4"
1420283	1"
1420284	1 1/4"
1420285	1 1/2"
1420286	2"



For Actuators see page 15, for connections see page 27

DPCV Capillary Ball Valve

Connection thread male x female 1/8"

1400778	1/8"
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Setting key for 4002 & 4006 Valves

Setting key for DPCV & PIBCVs

1400602	
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Cast Iron Dynamic Balancing Valves

Cast Iron PIBCV PN16

Actuators required, supplied separately (see page 15)

F400662		2"
F400663		2½"
F400664		3"
F400665		4"
F400666		5"
F400656	HF	5"
F400667		6"
F400657	HF	6"
F400668		8"
F400658	HF	8"



Cast Iron DPCV PN16

Herz DPCV 10 – 40 KPa

F400707		2½"
F400708		3"
F400709		4"

Herz DPCV 20 – 80 KPa

F400717		2½"
F400718	LF	3"
F400738	HF	3"
F400719		4"
F400720		5"
F400721		6"

Herz DPCV 50 – 150 KPa

F400726		2"
F400727		2½"
F400728		3"
F400729		4"
F400730		5"
F400731		6"



Reverse Acting Differential Pressure Control Bypass Valves

Differential Pressure Overflow Valve PN10

Straight pattern Flat seal connections required
see page 27 for connections

1400431		½"
1400432		¾"



Angle pattern Flat seal connections required
see page 27 for connections

1400441		½"
1400442		¾"



Herz Commissioning Centre PN16

A manifold system enclosed in an insulated box suitable for heating or chilled applications, incorporating isolation valves on the flow manifold and manual or motorised commissioning valves on the return. The arrangement also includes a strainer and blow down valve, a Differential Pressure Control Valve and a flushing bypass. Valves are available in ½" to 1" sizes and manifolds available up to 6 ports. Commissioning centres are handed to suit. This is a project led product and prices are available on application.

Commissioning Centre CS Version

FODRV on return ports, IV on flow ports
DPCV & partner valve, strainer & drain valve
Flushing bypass, air vents

Commissioning Centre CV Version

FO control valve on return ports, IV on flow ports
DPCV & partner valve, strainer & drain valve
Flushing bypass, air vents

Commissioning Centre PIBCV Version

PICV on return ports, IV on flow ports
Orifice plate, strainer & drain valve
Flushing bypass, air vents



**Herz HT Pre-Insulated Plastic & Aluminium Composite Pipe PE-RT
with insulation in accordance with fire class O BS 476-6,
is available on request, please contact the sales office.**

Connect-4 Valve Assembly PN16

Utilizing 4017 Commissioning Valve with integral orifice

Hose union supplied separately if required

1450011 Low Flow	1/2"
1450021 Medium Flow	1/2"
1450001	1/2"
1450002	3/4"
1450003	1"



PIBCV Connect-4 Valve Assembly PN16

Utilizing 4006 Combined Pressure Independent Balancing Control Valve

Actuators required, supplied separately (see page 15)

Hose union supplied separately if required

G3/4 connections required FCU side see page 27

1450040 Low Flow	1/2"
1450049 Low Flow	1/2"
1450041 Medium Flow	1/2"
1450044	1/2"
1450042	3/4"
1450043	1"



Radiant Panel Connect-4 Valve Assembly PN16

Utilizing 17217 Presettable balancing valve

Remote sensor or actuator can be fitted (see page 15)

Hose union supplied separately if required

Flow rate range 0.0019 – 0.122 l/s

1450066	TS-99-FV	1/2"
1450067	TS-98-V	1/2"



Compact Connect-4 PIBCV Valve Assembly PN16

Designed for direct assembly to terminal unit 40mm centres

Utilizing 4006 PICV & strainer Valves in vertical orientation

Actuators required, supplied separately (see page 15)

Hose union supplied separately if required

CC4VST15	1/2"
CC4VST20	3/4"
CC4VST25	1"



Accessories for Connect 4

Hose union for drain valve

1620601

Setting key for PIBCVs

1400602

Presetting key for TS-98 & 99

1681998	1/2"
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Insulated Connect-4

Includes insulation box

Hose union supplied separately if required

1460020 Low Flow	1/2"
1460029 Medium Flow	1/2"
1460021	1/2"
1460022	3/4"
1460023	1"



Insulated PIBCV Connect-4

Includes insulation box

Actuators required, supplied separately (see page 15)

Hose union supplied separately if required

G3/4 connections required FCU side see page 27

1460040 Low Flow	1/2"
1460049 Low Flow	1/2"
1460041 Medium Flow	1/2"
1460044	1/2"
1460042	3/4"
1460043	1"



Insulated Radiant Panel Connect-4

Includes insulation box

Remote sensor or actuator can be fitted (see page 1)

Hose union supplied separately if required

1460066	TS-99-FV	1/2"
1460067	TS-98-V	1/2"

For Remote Sensors see page 1



Compact PIBCV Connect-4 Valve Assembly PN16

Designed for direct assembly to terminal unit 40mm centres

Utilizing 4006 PICV & strainer Valves in horizontal orientation

Actuators required, supplied separately (see page 15)

Hose union supplied separately if required

CC4HST15	1/2"
CC4HST20	3/4"
CC4HST25	1"



Actuators

Actuators to fit all Herz Thermostatic and control valves with M28 x 1.5 mounting thread

Thermo-electric Actuators

Actuator 2-Point or pulse control

1770853	230V	NC
1770824	230V	NO
1770852	24V	NC

Actuator 2-Point or pulse control with limit switches

1770887	230V	NC
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Modulating Actuator 24V 0-10V DC

with proportional valve stroke recognition

1799032	24V
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All above actuators have an adapter ring in the box

Motorised Actuators

Actuator 3-Point control

HVACT24-01	24V
HVACT230-01	230V

Modulating Actuator 24V 0-10V DC

HVACTMOD24-01	24V
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Actuator Adapter rings

For use only with 7217 TS-98/99-V

1770880

For use only with M30 mounting threads

1770898



Motorised Actuators to fit Specific Control Valves

Actuators for Two Port Valve 2117

Rotary actuator Torque 8Nm

230V 2-3 Point control	
1771233	230V

Rotary actuator Torque 8Nm

24V 2-3 Point / 0-10DCV Modulating control	
1771235	24V



500N Actuators for Three Port Valve 4037

2 point, 3 point or continuous control

1771211	24V
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3 point Control

1771250	230V
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1771251	24V
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Actuator Selection Table for Cast Iron Valves

		230V 2-3 Point		24V 2-3 Point Modulating 0-10VDC		24V 2-3 Point Modulating 0-10VDC		230V 2-3 Point Module req 1771222 Modulating 0-10VDC	
Valve	Size	1771228	1771230	1771229	1771231	1771221	1771232	1771221	1771232
F4035/7	65						X		X
	80						X		X
	100						X		X
F4006	50	X		X					
	65	X		X					
	80		X		X				
	100		X		X				
	125					X		X	
	150					X		X	
	200					X		X	

Herz Motorised Actuators for Cast Iron valves

500N Actuator, 20mm stroke

230V 2-3 Point control, 1771220 adapter required

1771228 230V

24V 2-3 Point / 0-10DCV Modulating control

1771229 24V



1000N Actuator, 20mm stroke

230V 2-3 Point control, 1771217 adapter required

1771230 230V

24V 2-3 Point / 0-10DCV Modulating control

1771231 24V



2500N Actuator, 40mm stroke

24V 2-3 Point / 0-10DCV Modulating control

Can be fitted with 230V module 1771222

1771221 24V

1771232 24V

230V module for 1771221/30 Actuators

1771222 230V



Adapters for New Motorised Actuators

1771217

1771220

Gate Valves

Bronze Gate valves PN20

HV5520-01	1/2"
HV5520-02	3/4"
HV5520-03	1"
HV5520-04	1 1/4"
HV5520-05	1 1/2"
HV5520-06	2"



Bronze Lockshield Gate valves PN20

HV5520LS-01	1/2"
HV5520LS-02	3/4"
HV5520LS-03	1"
HV5520LS-04	1 1/4"
HV5520LS-05	1 1/2"
HV5520LS-06	2"



DZR Gate valves PN20

1411311	1/2"
1411312	3/4"
1411313	1"
1411314	1 1/4"
1411315	1 1/2"
1411316	2"



Brass Comp Gate Valves PN16

15 - 28mm WRAS Approved	
HV5154CXC-01	15mm
HV5154CXC-02	22mm
HV5154CXC-03	28mm
HV5154CXC-04	35mm
HV5154CXC-05	42mm
HV5154CXC-06	54mm



Cast Iron Gate Valves PN16

HV5150-06	2"
HV5150-07	2 1/2"
HV5150-08	3"
HV5150-09	4"
HV5150-10	5"
HV5150-11	6"
HV5150-12	8"
HV5150-13	10"
HV5150-14	12"



Brass Comp Lockshield Gate Valves PN16

HV5154CXCLS-01	15mm
HV5154CXCLS-02	22mm
HV5154CXCLS-03	28mm



Comp Lockshield Gate Valve key

HVLSKEY-01



Butterfly Valves

Fully-lugged Lever Butterfly Valves PN16

HV-BF-FLL-06	2"
HV-BF-FLL-07	2 1/2"
HV-BF-FLL-08	3"
HV-BF-FLL-09	4"
HV-BF-FLL-10	5"
HV-BF-FLL-11	6"
HV-BF-FLL-12	8"



Semi-lugged Lever Butterfly Valves PN16

HV-BF-SLL-06	2"
HV-BF-SLL-07	2 1/2"
HV-BF-SLL-08	3"
HV-BF-SLL-09	4"
HV-BF-SLL-10	5"
HV-BF-SLL-11	6"
HV-BF-SLL-12	8"



Fully-lugged Gear Butterfly Valves PN16

HV-BF-FLG-06	2"
HV-BF-FLG-07	2 1/2"
HV-BF-FLG-08	3"
HV-BF-FLG-09	4"
HV-BF-FLG-10	5"
HV-BF-FLG-11	6"
HV-BF-FLG-12	8"
HV-BF-FLG-13	10"
HV-BF-FLG-14	12"



Semi-lugged Gear Butterfly Valves PN16

HV-BF-SLG-06	2"
HV-BF-SLG-07	2 1/2"
HV-BF-SLG-08	3"
HV-BF-SLG-09	4"
HV-BF-SLG-10	5"
HV-BF-SLG-11	6"
HV-BF-SLG-12	8"
HV-BF-SLG-13	10"
HV-BF-SLG-14	12"



Ball Valves

DZR Ball Valves PN40

1219001	1/2"
1219002	3/4"
1219003	1"
1219004	1 1/4"
1219005	1 1/2"
1219006	2"



DZR Ball Valves PN40 Extended stem

1219021	1/2"
1219022	3/4"
1219023	1"
1219024	1 1/4"
1219025	1 1/2"
1219026	2"



DZR Ball Valves PN25 Ext Tee Handle Red

1220641	1/2"
1220642	3/4"
1220643	1"
1220644	1 1/4"
1220645	1 1/2"
1220646	2"



DZR Ball Valves PN25 Ext Tee Handle Blue

1220651	1/2"
1220652	3/4"
1220653	1"
1220654	1 1/4"
1220655	1 1/2"
1220656	2"



DZR Ball Valves PN25 Ext Tee Handle Red

Complete with temperature gauge

1220661	1/2"
1220662	3/4"
1220663	1"
1220664	1 1/4"
1220665	1 1/2"
1220666	2"



DZR Ball Valves PN25 Ext Tee Handle Blue

Complete with temperature gauge

1220671	1/2"
1220672	3/4"
1220673	1"
1220674	1 1/4"
1220675	1 1/2"
1220676	2"



DZR Tee Handle Ball Valves PN40

1210011	1/2"
1210012	3/4"
1210013	1"
1210014	1 1/4"



CLASSIC Brass Lever Ball Valves PN25

1220181	1/2"
1220182	3/4"
1220183	1"
1220184	1 1/4"



DZR Compression Ball Valves PN16

1219041	15mm
1219042	22mm
1219043	28mm
1219044	35mm
1219045	42mm
1219046	54mm



DZR Comp Ball Valves PN16 Ext stem

1219061	15mm
1219062	22mm
1219063	28mm
1219064	35mm
1219065	42mm
1219066	54mm



Non-Return Valves

Bronze Swing Check Valves PN25

HVCH25-01	1/2"
HVCH25-02	3/4"
HVCH25-03	1"
HVCH25-04	1 1/4"
HVCH25-05	1 1/2"
HVCH25-06	2"



Brass Spring Check Valves PN25

1262241	PN25	1/2"
1262242	PN25	3/4"
1262243	PN25	1"
1262244	PN25	1 1/4"
1262245	PN25	1 1/2"
1262246	PN25	2"



Cast Iron Wafer Check Valves PN16

4262231	2 1/2"
4262232	3"
4262233	4"
4262234	5"
4262235	6"
4262236	8"
4262237	10"
4262238	12"



Cast Iron Swing Check Valves PN16

4262221	2 1/2"
4262222	3"
4262223	4"
4262224	5"
4262225	6"
4262226	8"
4262227	10"
4262228	12"



Strainers

Brass Strainers PN16

Mesh 0.5mm

1266201	1/2"
1266202	3/4"
1266203	1"



DZR Strainers PN16

Mesh 0.75mm

1411111	1/2"
1411112	3/4"
1411113	1"
1411114	1 1/4"
1411115	1 1/2"
1411116	2"



Cast Iron Strainers PN16

4411181	2 1/2"
4411182	3"
4411183	4"
4411184	5"
4411185	6"
4411186	8"
4411187	10"
4411188	12"



DZR Strainers c/w Drain Valve PN16

Mesh 0.75mm

1411141	1/2"
1411142	3/4"



Drain Valves

Bronze Drain Tap PN10

HV2879-01	1/2"
HV2879-02	3/4"



Brass Drain Cock PN10

1411901	1/2"
1411902	3/4"



Brass Hose Union Ball Valves PN16

1251201	1/2"
1251202	3/4"



Air Elimination Valves

Air Separator PN6

I012402	¾"
I012403	1"
I012404	1 ¼"
I012405	1 ½"
I012406	2"



Automatic Air Vent PN10

1263000	¾"
1263001	½"



Air & Dirt Separator PN6

I112402	¾"
I112403	1"

Pressure Relief Safety Valves

Forged Brass Safety Valves

DN15 Boiler output to 75 KW		
1261101	2.5 bar	½"
1261201	3 bar	½"
1261501	4 bar	½"
1261301	6 bar	½"
1268501	8 bar	½"
1269501	10 bar	½"
DN25 Boiler output to 200 KW		
1260703	2.5 bar	1"
1260803	3 bar	1"
1264703	4 bar	1"
1265703	5 bar	1"
1266703	6 bar	1"
1268703	8 bar	1"
1269703	10 bar	1"



DN20 Boiler output to 100 KW		
1261802	1.8 bar	¾"
1260402	2.5 bar	¾"
1260502	3 bar	¾"
DN20 Boiler output to 150 KW		
1260602	6 bar	¾"
1268602	8 bar	¾"
1269602	10 bar	¾"
DN32 Boiler output to 350 KW		
1260904	2.5 bar	1 ¼"
1261004	3 bar	1 ¼"
1266904	6 bar	1 ¼"
1268904	8 bar	1 ¼"



Gas Valves

Brass Ball Valves PN1 Gas Approved to EN331

Yellow Lever	
1230000	¾"
1230001	½"
1230002	¾"
1230003	1"
1230004	1 ¼"
1230005	1 ½"
1230006	2"



Brass Ball Valves PN1 Gas Approved to EN331

Yellow Tee Handle	
1230010	¾"
1230011	½"
1230012	¾"
1230013	1"
1230014	1 ¼"



Fully-lugged Lever Gas Butterfly Valves PN16 DVGW approved to DIN EN 13774

HV-BF-FLL-GAS-06	2"
HV-BF-FLL-GAS-07	2½"
HV-BF-FLL-GAS-08	3"
HV-BF-FLL-GAS-09	4"
HV-BF-FLL-GAS-10	5"
HV-BF-FLL-GAS-11	6"
HV-BF-FLL-GAS-12	8"
HV-BF-FLL-GAS-13	10"
HV-BF-FLL-GAS-14	12"



Brass Strainer PN5 Mesh 0.05mm

1231901	½"
1231902	¾"
1231903	1"



Domestic Water Services Valves

CTC Thermal Balancing Valve PN10

Automatic temperature regulating Valve for HWS Returns 55°C

2401111	1/2"
2401112	3/4"



Partner Ball Valve with Temp Gauge

1220661	1/2"
1220662	3/4"

Double Check Valves PN16

HVDCV-01	1/2"
HVDCV-02	3/4"
HVDCV-03	1"
HVDCV-04	1 1/4"
HVDCV-05	1 1/2"
HVDCV-06	2"

Compression ends

HVDCVC-11	15mm
HVDCVC-12	22mm
HVDCVC-13	28mm



Single Check Valves PN16

HVSCV-01	1/2"
HVSCV-02	3/4"
HVSCV-03	1"
HVSCV-04	1 1/4"
HVSCV-05	1 1/2"
HVSCV-06	2"

Compression ends

HVSCVC-11	15mm
HVSCVC-12	22mm
HVSCVC-13	28mm



Solenoid Valves PN16

230V NC DIN plug included

HVSOLV-01	1/2"
HVSOLV-02	3/4"
HVSOLV-03	1"
HVSOLV-04	1 1/4"
HVSOLV-05	1 1/2"
HVSOLV-06	2"



DZR Strainers PN16

Mesh 0.75mm

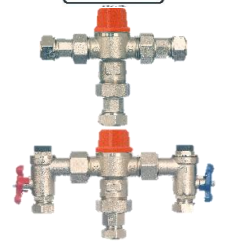
1411111	1/2"
1411112	3/4"
1411113	1"
1411114	1 1/4"
1411115	1 1/2"
1411116	2"



Herz Shield TMV3 WRAS

Universal 15/22mm TMV3 c/w flat face unions

TMV01	15-22mm
TMV3 incorporating Isolating Valves	
TMV+15	15mm
TMV+22	22mm



Flow Restrictor Service Ball Valves PN16

TMVBV15FR4	4 l/m
TMVBV15FR6	6 l/m
TMVBV15FR8	8 l/m
TMVBV15FR10	10 l/m
TMVBV15FR12	12 l/m
TMVBV15FR15	15 l/m
TMVBV15FR17.5	17.5 l/m



Nickel Plated Service Ball Valves PN16

TMVBV15	15mm
TMVBV22	22mm



Pressure Reducing Valves

Union connections 16 bar (1.75 – 6 Bar)

1268211	1/2"
1268212	3/4"
1268213	1"
1268214	1 1/4"
1268215	1 1/2"
1268216	2"

Compression ends 16 bar (1.75 – 6 Bar)

1268241	15mm
1268242	22mm

Bronze Flanged PN16 (1.5 – 6 Bar)

HVPRV-07	2 1/2"
HVPRV-08	3"
HVPRV-09	4"



Ductile Iron Strainers PN16

HV185W-07	2 1/2"
HV185W-08	3"
HV185W-09	4"
HV185W-10	5"
HV185W-11	6"
HV185W-12	8"
HV185W-13	10"
HV185W-14	12"



Herz Pumpfix pre-assembled pump groups

Pumpfix Direct without pump

c/w IV, check valve, 130mm (DN20) 180mm pump space, temperature gauges & full insulation shell

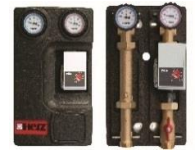
1451411	DN20
1451025	DN25
1451421	DN32



Pumpfix Direct with high efficiency pump

c/w IV, check valve, temperature gauges & full insulation shell

1451412	DN25
1451026	DN25
1451422	DN32



Pumpfix Mix without pump

c/w IV, check valve, 130mm (DN20) 180mm pump space, temperature gauges, 3 port mixing valve & full insulation shell

1451414	kvs 4.0	DN20
1451415	kvs 6.3	DN20
1451144	kvs 4.0	DN25
1451145	kvs 6.3	DN25
1451146	kvs 10.0	DN25
1451424	kvs 10.0	DN32
1451425	kvs 16.0	DN32



Pumpfix Mix with high efficiency pump

c/w IV, check valve, temperature gauges 3 port mixing valve & full insulation shell

1451416	kvs 4.0	DN20
1451417	kvs 6.3	DN20
1451147	kvs 4.0	DN25
1451148	kvs 6.3	DN25
1451149	kvs 10.0	DN25
1451426	kvs 10.0	DN32
1451427	kvs 16.0	DN32



Pumpfix Constant without pump

c/w IV, check valve, 180mm pump space
Thermostatic valve and head with remote sensor
For UF circuits 20 - 50°C

1451407	DN25
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Pumpfix Constant with high efficiency pump

c/w IV, check valve
Thermostatic valve and head with remote sensor
For UF circuits 20 - 50°C

1451408	DN25
---------	------



Pumpfix Solar without pump

c/w IV, check valve, 130mm pump space
Air vent, flow meter 4-24 l/min, safety valve
temperature gauges & full insulation shell

1451302	DN20
---------	------



Pumpfix Solar with high efficiency pump

c/w IV, check valve, temperature gauges
Air vent, flow meter 4-24 l/min, safety valve
& full insulation shell

1451312	DN20
---------	------



DN25 Pumpfix Distributor

Two chamber manifold system
For 2 - 5 pump groups, fully insulated

1450111	2 groups	DN25
1450112	3 groups	DN25
1450113	4 groups	DN25
1450114	5 groups	DN25



DN32 Pumpfix Distributor

Two chamber manifold system
For 2 - 5 pump groups, fully insulated

1450130	2 groups	DN32
1450131	3 groups	DN32
1450132	4 groups	DN32
1450133	5 groups	DN32



DN25 Pumpfix Hydraulic Separator

Allows independent operation of individual heating circuits.

1451353	1 group	DN25
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Pumpfix DP Overflow Valve

Can be installed in Pumpfix Direct, Mix or Constant
Setting range 0 - 0.5 bar

1451499	3/4"
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Heat Interface Units

The Guildford HIU has been tested to the BESA UK HIU Test Regime October 2018 and has passed all aspects of the test requirements.

Please contact the Herz UK sales office for more details.

Herz Guildford Indirect HIU

Twin hex, DHW PT controller, Tempering valve, secondary flow temp limiter, summer bypass, strainers, DPCV, includes insulated cover
 HIU fully insulated, optional heat meter & water meter
 DHW 63kW 20l/min, Htg 15kW

1402356	HIU bottom conns
1402357	HIU bottom conns inc HM
1402464	HIU bottom conns inc HM & WM
1402376	HIU top conns
1402377	HIU top conns inc HM
1402460	HIU top conns inc HM & WM
As above but DHW 82kW 26l/min, Htg 15kW	
1402360	HIU bottom conns
1402361	HIU bottom conns inc HM
1402465	HIU bottom conns inc HM & WM
1402380	HIU top conns
1402381	HIU top conns inc HM
1402361	HIU top conns inc HM & WM



Herz Ecosse Indirect HIU

Single hex for htg, secondary flow temp limiter DPCV, insulated htg hex & pipework, strainers inc cover, optional top entry & heat meter.
 Can be used with hot water storage.

1402362	HIU bottom conns
1402363	HIU bottom conns inc HM
1402382	HIU top conns
1402383	HIU top conns inc HM

Pre-mounting unit for Herz HIU

First fix rail inc ball valves & drain valves required for Guildford & Ecosse HIUs available with G3/4, compression & BSP

1402339	Guildford HIU pre-mounting rail
1401896	York HIU pre-mounting rail
1402104	Ecosse HIU pre-mounting rail



Herz York Direct HIU

DHW hex, DHW PT controller, summer bypass strainers, DPCV, includes insulated cover
 HIU fully insulated, optional heat meter
 DHW Max 82kW 26l/min

1402331	HIU bottom conns
1402332	HIU bottom conns inc HM
1402333	HIU bottom conns inc HM & WM
1402334	HIU top conns
1402335	HIU top conns inc HM
1402336	HIU top conns inc HM & WM



Herz Oxford DHW HIU

DHW hex, DHW PT controller, thermo bypass strainer, DPCV, cover, top or bottom entry
 HIU fully insulated, optional water or heat meter

1401827	DHW HIU 47kW 15 l/min
1401854	DHW HIU inc HM 47kW 15 l/min
1401828	DHW HIU 63kW 20 l/min
1401855	DHW HIU inc HM 63kW 20 l/min
1402364	DHW HIU 94kW 30 l/min
1402356	DHW HIU inc HM 94kW 30 l/min



Herz Dublin Indirect HIU

Twin hex, DHW PT controller, summer bypass, strainers, optional heat meter & bottom cover
 First fix rail inc ball valves & cover included

1401865	Indirect HIU
1401866	Indirect HIU inc Heat Meter
1401867	Herz Dublin optional bottom cover



Please contact the Herz office for details and prices of Herz HIUs

HIU Accessories

Top Entry Bracket for Herz HIU

Top entry stand-off bracket,
optional for Guildford, York & Ecosse HIUs if required

1401890	Guildford HIU top entry bracket
1401891	Guildford HIU top entry bracket+pipes
1401894	1 x Guildford top entry pipe
1401890	York HIU top entry bracket
1401891	York HIU top entry bracket+pipes
1402105	Ecosse HIU top entry bracket
1402106	Ecosse HIU top entry bracket+pipes
1402107	1 x York & Ecosse top entry pipe



Solenoid Valve

Pilot operated NC solenoid valve
For pre-payment applications
HVSOLV-02 3/4"



Primary Flushing Bypass

Can be connected to the primary flow & return
ball valves on the first fix pre-mounting rail

1401887	Top entry pipe connection
1401888	First fix rail connection



Room Temperature Controller

Digital timer and temperature programmer
with daily programming options available
3F79917 230V



WRAS Approved Filling Loop

Temporary filling loop for charging secondary
HVHIUFL-01 15mm connections



18 - 15mm Adapter

Adapter for 18mm safety valve discharge pipe
P066184 18-15mm connections



Pre-settable TRVs sets for HIU radiator heating systems

Presettable TRV sets for Radiators

Angle TRV body TS-99-FV, Angle LS valve RL-1
Copper adapters & Std Sensor 6 - 28°C
HVHIUTRV-99 1/2"

Angle TRV body TS-98-V, Angle LS valve RL-1
Copper adapters & Std Sensor 6 - 28°C
HVHIUTRV-98 1/2"



Presetting key for TS-98 & 99
1681998 1/2"

Presettable TRV Rule of Thumb

kW load	10° Δt	15° Δt	20° Δt	25° Δt	30° Δt
0.5	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV
1.0	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV
1.5	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV
2.0	TS-98-V	TS-99-FV	TS-99-FV	TS-99-FV	TS-99-FV
2.5	TS-98-V	TS-98-V	TS-99-FV	TS-99-FV	TS-99-FV
3.0	TS-98-V	TS-98-V	TS-99-FV	TS-99-FV	TS-99-FV
3.5	TS-98-V	TS-98-V	TS-98-V	TS-99-FV	TS-99-FV
4.0	TS-98-V	TS-98-V	TS-98-V	TS-99-FV	TS-99-FV
4.5	TS-98-V	TS-98-V	TS-98-V	TS-98-V	TS-99-FV

**HERZ TAPS AND SHOWERS RANGE
NOW AVAILABLE IN THE UK**

For further information visit www.herz-taps.com
or email taps@herzvalves.com

Herz Taps UK

November 2017

www.herz-taps.com

Underfloor Heating

DN25 Manifold with top meter 2.5 l/min PN10

Outlet port thread G $\frac{3}{4}$ Supply thread Rp1

1853203	3 outlets
1853204	4 outlets
1853205	5 outlets
1853206	6 outlets
1853207	7 outlets
1853208	8 outlets
1853209	9 outlets
1853210	10 outlets
1853211	11 outlets
1853212	12 outlets



DN25 Manifold with top meter 6 l/min PN10

Outlet port thread G $\frac{3}{4}$ Supply thread Rp1

1853303	3 outlets
1853304	4 outlets
1853305	5 outlets
1853306	6 outlets
1853307	7 outlets
1853308	8 outlets
1853309	9 outlets
1853310	10 outlets
1853311	11 outlets
1853312	12 outlets



DN32 Manifold with top meter 6 l/min PN10

Outlet port thread G $\frac{3}{4}$ Supply thread Rp1 $\frac{1}{4}$

1853143	3 outlets
1853144	4 outlets
1853145	5 outlets
1853146	6 outlets
1853147	7 outlets
1853148	8 outlets
1853149	9 outlets
1853150	10 outlets
1853151	11 outlets
1853152	12 outlets



DN25 Manifold with isolation PN10

Outlet port thread G $\frac{3}{4}$ Supply thread Rp1

1853403	3 outlets
1853404	4 outlets
1853405	5 outlets
1853406	6 outlets
1853407	7 outlets
1853408	8 outlets
1853409	9 outlets
1853410	10 outlets
1853411	11 outlets
1853412	12 outlets



DN25 S/S Manifold with top meter 2.5 l/min PN10

Stainless Steel, Outlet port thread G $\frac{3}{4}$ Supply thread Rp1

1863203	3 outlets
1863204	4 outlets
1863205	5 outlets
1863206	6 outlets
1863207	7 outlets
1863208	8 outlets
1863209	9 outlets
1863210	10 outlets
1863211	11 outlets
1863212	12 outlets



DN25 S/S Manifold with top meter 6 l/min PN10

Stainless Steel, Outlet port thread G $\frac{3}{4}$ Supply thread Rp1

1863303	3 outlets
1863304	4 outlets
1863305	5 outlets
1863306	6 outlets
1863307	7 outlets
1863308	8 outlets
1863309	9 outlets
1863310	10 outlets
1863311	11 outlets
1863312	12 outlets



DN25 S/S Manifold with isolation PN10

Stainless Steel, Outlet port thread G $\frac{3}{4}$ Supply thread Rp1

1863403	3 outlets
1863404	4 outlets
1863405	5 outlets
1863406	6 outlets
1863407	7 outlets
1863408	8 outlets
1863409	9 outlets
1863410	10 outlets
1863411	11 outlets
1863412	12 outlets



Thermo-electric Actuators

Actuator 2-Point or pulse control

1770853	230V	NC
1770852	24V	NC



UFH Wiring centre up to 10 zones

Max 18 actuators, pump logic, cooling or htg

Input for safety temp limiter or dew point monitoring

3F79803	230V
3F79804	24V



Analogue Room Thermostat

Set value range 10 - 28°C, Eco setting

Frost setting 6°C

3F79911	230V
3F79912	24V



Digital Programmable Room Thermostat

Set value range 10 - 28°C, Eco setting

Frost setting 5°C

3F79915	230V
3F79916	24V



Set value range 10 - 28°C, Eco setting

Frost setting 5°C, floor sensor input

3F79917	230V
3F79918	24V

UFH 5 layer PE-RT Pipe

Max temp 70°C, EVOH Oxygen barrier

U162240	16 x 2	240m
U162480	16 x 2	480m
U162600	16 x 2	600m
U172240	17 x 2	240m
U172480	17 x 2	480m
U172600	17 x 2	600m
U182240	18 x 2	240m
U182480	18 x 2	480m
U202240	20 x 2	240m
U202480	20 x 2	480m



Multi-layered Composite Pipe PE-RT

MLCP Aluminium layer 0.25mm thickness

3C16022	16 x 2	200m
3C20030	20 x 2	100m



Tacker

Tool for fixing pipe to insulation with clips

3F11013

Tacker clips 60mm

3F11006	Box of 200
---------	------------



Clip Rail

Clip rail for underfloor pipes 200mm length

3F11018

Clip rail clips 30mm

3F11003	Box of 100
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Pipe 90° support bends

For pipe 14 - 18mm

3F11008

For pipe 20 - 23mm

3F11009



Compactfloor light with high efficiency pump

DN25 Manifold with mixing station

Outlet port thread G¾ Supply thread Rp1

3E53323	3 outlets
3E53324	4 outlets
3E53325	5 outlets
3E53326	6 outlets
3E53327	7 outlets
3E53328	8 outlets
3E53329	9 outlets
3E53330	10 outlets
3E53331	11 outlets
3E53332	12 outlets

Also available with cabinet

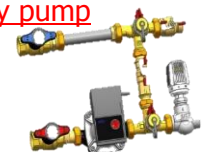


UFH Mixing station with high efficiency pump

DN25 connections, thermostatic injection valve

Includes ball valves with temperature gauges

3E53230



Manifold Connections for Herz Plastic Pipe

G¾ connections

1609803	16 x 2
1609804	17 x 2
1609807	18 x 2
1609808	20 x 2



Nopp Plates for pipe laying

30mm EPS Double density, PS foil black

Board 1400 x 800mm, 5cm grid for 14-17mm pipe

3F03009

11mm EPS 200, PS foil black

Board 1400 x 800mm, 5cm grid for 14-17mm pipe

3F03012

1mm PS foil black, no insulation

Board 1400 x 800mm, 5cm grid for 14-17mm pipe

3F03003



Floorfix

Enables UFH loops to be incorporated into radiator systems

includes flush box and cover

1810011 Chrome cover

1810010 White cover



Room Temperature Control Set for Radiator and Floor Heating Connection

Enables UFH loops to be connected to a radiator

ideal for towel rails

includes flush box and cover

1810025 Chrome cover

1810026 White cover



Valve Connection Selection Table

Size	DPCV & PIBCV		CALIS		DPOV		3 Port Valve	
	4001, 4002, 4006		7761		4004		4037	
	Copper	Steel	Copper	Steel	Copper	Steel	Copper	Steel
DN15	1627403	1621021	1623611	1622021	1623611	1622021	1623602	1622102
DN20	1627301	1621002	1623622	1622012	1623622	1622012	1623663	1622063
DN25	1623663	1622063	1623663	1622063			1623664	1622064
DN32	1623664	1622064	1623664	1622064			1623674	1622074
DN40	1623665	1622065					1623675	1622075
DN50	1623666	1622066					1623676	1622076

Eurocone Compression Adapters

G $\frac{3}{4}$ Cone Compression adapters for Copper Pipe

1627400 10mm DN15

1627403 15mm DN15

G1 Cone Compression adapters for Copper Pipe

1627301 22mm DN20

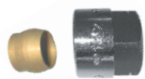


M22 Compression Adapters

Connections for copper pipe

1628400 10mm DN15

1628404 15mm DN15



Flat Faced soldered connections

Flat faced soldered connections for Copper Pipe

1623611 15mm DN15

1623622 22mm DN20

1623663 28mm DN25

1623664 35mm DN32

1623665 42mm DN40

1623666 54mm DN50

Flat faced soldered connections for 4037

1623602 15mm DN15

1623663 28mm DN20

1623664 35mm DN25

1623674 35mm DN32

1623675 42mm DN40

1623676 54mm DN50



Eurocone Iron Connections

G $\frac{3}{4}$ Cone Connections for Iron Pipe

1621021 $\frac{1}{2}$ "

G1 Cone Connections for Iron Pipe

1621002 $\frac{3}{4}$ "



Flat Faced Iron Connections

Flat seal connections with male BSP thread

1622021 $\frac{1}{2}$ " DN15

1622012 $\frac{3}{4}$ " DN20

1622063 1" DN25

1622064 1 $\frac{1}{4}$ " DN32

1622065 1 $\frac{1}{2}$ " DN40

1622066 2" DN50

Flat seal connections with male BSP thread for 4037

1622102 $\frac{1}{2}$ " DN15

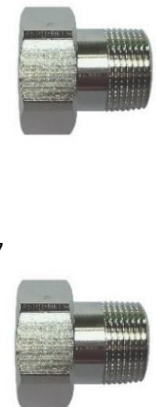
1622063 1" DN20

1622064 1 $\frac{1}{4}$ " DN25

1622074 1 $\frac{1}{4}$ " DN32

1622075 1 $\frac{1}{2}$ " DN40

1622076 2" DN50



Compression Adapters for Herz Plastic Pipe

G $\frac{3}{4}$ connections

1609803 16 x 2

1609804 17 x 2

1609807 18 x 2

1609808 20 x 2

G1 connections

1619812 20 x 2

1619801 26 x 3



Notes

Delivery & Carriage

- A minimum order value of £100 net of all discounts will be in place as of 01.07.2018
- Delivery will be 2 to 3 days in most cases for UK mainland, if the goods are in stock
- Minimum carriage & packing charge is £10.00 – Guaranteed next day additional £15
- For orders over £200 carriage is 5% of net goods value to a maximum of £50
- Carriage free of charge on orders with a net value of £1,500 or more
- FORS Accredited sites need to be advised and quoted accordingly as we currently use couriers that are not FORS registered
- All order shortages need to be notified within 7 working days from receipt
- Call off orders must be completed within 3 months from the initial order date
- Order specific products may require a separate quotation

For all products indicated as Price on application (POA) please contact the sales office for price and delivery

Payment Terms

- 30 Days Nett. Subject to our standard conditions of sale - available on request.
- Credit card payment facility available, please contact the sales office for details.
- All new customers are to pay on a pro-forma basis until an account is established.

Goods Returns

- Credit Notes are not guaranteed. They are raised when we have made a satisfactory check that the goods are re-saleable and that the return period has not been exceeded.
- Returned goods will only be accepted with prior written consent in the form of a Goods Return Note (GRN) generated by the Herz office which must accompany all goods returned. Any goods without a GRN generated by the Herz office will not be accepted but held for a maximum period of 4 weeks after which they will be disposed of if paperwork is not provided in that time.
- All items should be packaged appropriately for safe transportation, as goods damaged in transit, due to poor packaging, cannot be credited by Herz Valves UK Ltd.
- Herz will credit the purchase price of goods provided that they are received by us unused and undamaged within 30 days of delivery and with prior written consent from the Herz office in the form of a GRN, subject to our right to levy a minimum 15% handling charge. A copy of the delivery note that accompanied the goods must also be included with the goods. The return of the goods will be at the customer's expense.
- If a customer has notified the Herz Sales Office that they wish to return goods and a GRN has been issued, they then have 7 working days in which to do so. No credit will be given if the goods are received after this allotted time.
- We will not accept goods returned to us after a 4 month period from the delivery date due to the Terms and Conditions set out in our Warranty.
- If returns are due to a Herz sales office error, then Herz Valves will arrange for collection.
- Return of goods made to order will not be accepted in any case.

Warranty

- While most Herz products are covered by the Herz 5 year warranty, there are some small exceptions, mainly Thermostatic Mixing valves and all products with an HV prefix.
- HIUs have a 2 year conditional warranty, subject to commissioning validation, with the option to extend to 5 years with a service contract.
- For clarification on any individual product warranties, please contact the sales office
- Herz Valves are fully functional and fit for purpose if utilized in an external application and when operated within the temperature and pressure range of the valve, this includes external temperatures. Herz cannot be held responsible if the valves are subjected to extremes of temperature and weather conditions and should be protected and insulated from such. If fitted externally and exposed to the elements (weather conditions) some discolouration to components may occur, this should not affect the functionality of the valve.

Product Selection

- Whilst great care and due diligence is taken when products are selected, against schedules or drawings, to be as accurate as possible, all quotations and valve schedules should be checked by the customer before ordering as Herz Valves UK Ltd cannot accept responsibility for errors and omissions when quoting, or for incorrectly ordered items.
- For valves which require flow rates for sizing, if flow rates have not been provided, the valves will be selected at line size. Where flow rates have been provided, commissioning valves will be selected with a minimum signal of 1 kPa in accordance with CIBSE Code W: 2010 and BSRIA Guide BG 2/2010 Commissioning Water Systems.
- For ultra-low flow rates where the signal is less than 1 kPa alternative commissioning techniques can be utilised as described in CIBSE Code W: 2010 and BSRIA Guide BG 2/2010 Commissioning Water Systems.

Herz Valves UK Ltd reserve the right to change design, specification and prices at any time and without prior notification

Terms and Conditions

1. Offers, Acknowledgement of Orders, Conclusion of Contracts

- 1.1. All offers are without obligation. We reserve the right to modify, supplement or discontinue our production at any time. We are entitled to accept only partial orders or to refuse them without giving a reason.
- 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. In case of claim against the order confirmation, its content becomes a contract if the customer accepts the delivery and/or makes a payment.
- 1.3. After the acknowledgement of order has been sent, the order placed with us no longer can be changed 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. They also apply to any future business with the customer.
- 1.5. Prices are understood to be from the factory, 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 and announcements of HERZ towards our contract partners come into force with sending these declarations and announcements to the mailing address known to us. This is also valid if the mailing address has been changed and has not been announced immediately.
- 1.9. To be considered valid, changes and additions to the contract must be agreed and confirmed in writing by persons with representative status who are entered in the company register of our firm. Our other staff are not authorised to arrange changes or additional 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 case of default payment we reserve the right to demand payment of default interest at a rate of 10% above the then current Austrian bank rate (per year), however not less than 1% per month. Only payments made to the payment entity specify in the invoice will be recognised. In case of bank transfers, payment shall be deemed to have been made only when the amount of the invoice has been irrevocably credited to our account.
- 2.3. Bills of exchange, cheques and payments by money order will be recognised only on account of payment. In this event a discount is not permitted even for special discount arrangements.
- 2.4. In case of payment by accepted bill or customer's bill, the discount 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. In the event that payment is not made by the due date or in case of deteriorating financial soundness of the customer or on other important reasons, we shall be entitled at our discretion to repudiate the contract or to demand immediate payment of any and all debts irrespective of the term of payment agreed upon, all this without any claim for fulfilment or damages arising 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. In the event of re-sale for cash, the re-sale proceeds from this separate retention by the customer come to us and oblige the customer to enter a valid note in the accounts (anticipated ownership). In the case of manufacturing our retention of title (proportionate) is the end product. The customer must inform their buyer at re-sale about the existing retention of title and all other security laws agreed.
- 3.2. The buyer must inform us immediately if third parties raise claims against our goods supplied under our retention of title or bring legal actions. Any costs resulting from legal consequences are to be borne by the buyer.

4. Packing and Dispatch

- 4.1. The goods will be packed to commercial standards at the buyer'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 buyer, 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. Modification of Models

- 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. With regard to any defects or damage that can be recognised during proper inspection upon receipt, not recognizable defects or damages have to be repred immediately after their occurrence, a complaint shall be filed immediately after receipt of goods. However, any warranty claim shall expire three months after delivery.
- 6.2. In addition, in case of deviations in the number of units supplied or in weight, a complaint shall be filed with the railway company or the forwarding agent (carrier) upon receipt of the goods, and a certification to support any such difference shall be obtained. 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 become totally inoperative within a period of three months as a result of defective materials or deficiencies in workmanship, provided that the rejected items are returned within 4 months from delivery.

8. Returned Goods

- 8.1. Returned goods will only be accepted with our prior written consent and only if sent free our works in Vienna without any damage or defect.
- 8.2. Return of items made to order will not be accepted in any case.

9. Default in Delivery and Release from the Delivery Commitment

- 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 in default in delivery, the buyer shall grant a reasonable period of grace of not less than 6 weeks. The buyer shall not be entitled to cancel the contract after we have initiated production of the goods ordered – even after having granted a period of grace.

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 settle any guarantee claims through the provision of replacement parts. No claims can be made for price reductions.
- 11.3. We shall not recognise or reimburse any claims for damages with respect to installation costs, incipient processing costs, maintenance costs, etc. in any case.
- 11.4. Claims for damages by the customer are excluded, whatever the legal reasons, particularly due to delays, impossibility of attainment, positive breach of a claim, debts at conclusion of a contract, damage consequential to defects and defects due to improper handling, as long as they are intentional or do to gross negligence on our part. In the event of intent or gross negligence the customer must give proof of this. 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 do not assume liability for any loss or damage resulting from improper handling or use, overstraining 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 material damage due to a production fault according to the Product Liability Act (Produkthaftungsgesetz) shall be excluded for all companies participating in the production and distribution of our products, as well as for all buyers of our products who are entrepreneurs. The parties to contracts with us who are entrepreneurs undertake to transfer this exoneration clause to their customers to the extent that they on their part are entrepreneurs and as far as our products are concerned.

12. Place of Fulfilment and Jurisdiction

- 12.1. The place of fulfilment for all contract demands shall be Vienna, if the product is taken from Vienna factory; if the product is taken from Pinkafeld factory, Pinkafeld is a place of fulfilment.
- 12.2. For partners from the European Union countries as well as from the European Economic Area and for the partners with headquarter situated in a country, which has an enforcement agreement with Austria the court having subjectmatter jurisdiction in Vienna is agreed as a place of fulfilment for all contract demands.
- 12.3. For the partners from countries, which do not fall under the point 12.2 the court having subjektmatter jurisdiction in Vienna is agreed as a place of fulfilment. HERZ reserves the right to sue for the contract demand in each case in the responsible court.
- 12.4. In subsidiarity to these Terms and Conditions of Sale, Delivery and Payment, Austrian legal provisions are to be applied exclusively. The application of the UN-Convention on Contracts for the International Sale of Goods is expressly excluded.

Certificate of Guarantee

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 July 1st, 2017, 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 repairing the damage, free place of damage.
- 2.2. According to our choice:
 - a) performing the required dismantling /disassembly and assembly/ installation of products or product components or
 - b) repairing the initial products 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. Damages for direct personal injury caused by the defective products.
- 2.5. Our liability according 2.1. to 2.3. is limited to € 500,000 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 with the party who suffered the damage. The party entitled to raise a claim shall not acknowledge any obligation to damages neither with regard to its basis nor to its extent, neither in its own name nor on our behalf. 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 admitted 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 July 1st, 2017 and June 30th, 2022. 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 UN-Convention on Contracts for the International Sale of Goods is expressly excluded.

Vienna, July, 2017





Landesgesellschaft
Österreich

CERTIFICATE

The Certification Body
of TÜV SÜD Landesgesellschaft Österreich GmbH
certifies that

Herz Armaturen Ges.m.b.H.
A-1232 Wien, Richard-Strauss-Straße 22

Herz Armaturen Kemetten Ges.m.b.H.
A-7531 Kemetten, Herzring 1

have established and apply
a Quality Management System for

**Development, design, production and distribution
of products for the heating and plumbing industry**

**Production of components for armatures, sheet metal processing
(welding, laser cutting and press-braking), pipe bending,
assembling products for the heating and plumbing industry**

An audit was performed, Report No. **153594**
Proof has been furnished that the requirements
according to

ISO 9001 : 2008

are fulfilled. The certificate is valid until **2018-09-14**

Certificate Registration No. **Q1530424**

Kurt Kefau
Vienna, 2016-03-30



Certification Body
of TÜV SÜD Landesgesellschaft Österreich GmbH
Campus 21 Europaring A04301, A-2345 Businesspark Wien Süd, Austria

TÜV[®]



Landesgesellschaft
Österreich

CERTIFICATE

The Certification Body
of TÜV SÜD Landesgesellschaft Österreich GmbH
certifies that

Herz Armaturen Ges.m.b.H.
A-1232 Wien, Richard-Strauss-Straße 22

Herz Armaturen Kemetten Ges.m.b.H.
A-7531 Kemetten, Herzring 1

have established and apply
an Environmental Management System for
**Development, design, production and distribution
of products for the heating and plumbing industry**
**Production of components for armatures, sheet metal processing
(welding, laser cutting and press-braking), pipe bending,
assembling products for the heating and plumbing industry**

An audit was performed, Report No. 153594
Proof has been furnished that the requirements
according to

ISO 14001 : 2009

are fulfilled. The certificate is valid until **2018-09-14**
Certificate Registration No. **U1530424**

Kurt Kefau
Vienna, 2016-03-30



Certification Body
of TÜV SÜD Landesgesellschaft Österreich GmbH
Campus 21 Europaring A04301, A-2345 Businesspark Wien Süd, Austria

TÜV[®]



ISO 9001 Certification

HERZ Armaturen Ges.m.b.H., A-1230V Vienna, has an effective quality management system in all divisions of the business, suitable for upholding all-important trust from customers. Proof has been furnished that the requirements according to **ÖNORM EN ISO 9001:2000** are fulfilled.



ISO 14001 Certification

HERZ Armaturen Ges.m.b.H., A-1230V Vienna, has an effective environmental management system in all divisions of the business, suitable for upholding all-important trust from customers. Proof has been furnished that the requirements according to **ÖNORM EN ISO 14001:2009-11** are fulfilled.



Several Herz products have been tested and approved according to the Water Regulations Council Standards and are therefore suitable for water services suitable for human consumption



Several Herz products have been tested and certified by KIWA UK in accordance with the relevant standards and regulations.



All Herz Valves covered by this price list are in accordance with the requirements of the Pressure Equipment Directive 97/23/EC and as such are covered by SEP (Sound Engineering Practice) and do not require CE marking



The Herz range of Thermostatic Radiator Valves is certified to EN215 and fully complies with BS7556 and BS7478

Notes

Herz Valves UK Ltd.

Progress House, Moorfield Point
Moorfield Road, Slyfield Industrial Estate
Guildford, Surrey GU1 1RU
Tel: 01483 502211, Fax: 01483 502025
E-Mail: sales@herzvalves.com

www.herzvalves.com

