HER Z-TS-98-V

Standard Sheet 7623V/7624V/7628V 7658V/7659V

Edition 1000 (0999)



Valve Lower Parts with Continuous Pre-Setting with Readout

Richard-Strauss-Straße 22 • A -1230 Wien

Art. No.	Designation	DN	R	Ø	L	Н	h	Order No.	Dimensions in mm for Standard Series EN 215 T 2
7602 V	Dimensional Series F	10	3/8"	12	75	27	_	1 7623 65	HD 1215
7623 V	Straight valve	15	1/2"	15	83	27		1 7623 67	
7004 V	Dimensional Series F	10	3/8"	12	49	27	20	1 7624 65	
7624 V	Angle valve	15	1/2"	15	54	23	23	1 7624 67	
Art. No.	Model		R	Ø	L	н	h	Order No.	Dimensions in mm
7623 V	EN 215 F	EN 215 F Straight valve with elbow		12	40	27	84	Valve and elbow	for HERZ-Series
+ 6249				15	54	27	94	must be ordered separately	
7000 V	Reverse angl	е	3/8"	12	49	35	27	1 7628 65	
7628 V	model		1/2"	15	55	35	29	1 7628 67	
7658 V	AB		1/2"	15	53	26	31	1 7658 67	
7659 V	CD		1/2"	15	53	26	31	1 7659 67	
	nickel plated and superiors with special socket			0			nnrocola		Models and Versions
623 V 3/8' 624 V 3/8'	" –1/2" Straig " –1/2" Angle	ht valve valve, s	, series series F		Inection		npressic	in union.	HERZ-TS-98-V
628 V 3/8' 658 V 1/2' 659 V 1/2'	" 3-axis	s valve "	e model AB", rac CD", rac			t of the i	ntake va	lve	HERZ-3-D-V
	els in straight and an					or dimer	nsion sei	ries "D"	
HERZ TS-98-V- 7623 71 7637 67 7633 67 7624 71 7624 42 7638 67 7648 67	valves in special ver Straight model, univ Straight model, 2 x Straight model, radi male thread G 3/4 Angle model, univer Angle model, 2 x ma Angle model, 2 x ma Angle model, specia male thread G 3/4	rersal sc male thr ator cor sal soci ale threa or conne	ocket x n read G 3 nnection ket x ma ad G 3/4 ection wi	hale threa /4, cone with con le threa , cone s ith cone	e seal ne seal, d G 3/4, seal seal, pij	pipe co with co pe conn	nnectior ne seal ection m	ale thread G 3/4	HERZ TS-98-V-valves in special versions
IERZ-TS-90 IERZ-TS-90-E IERZ-TS-E IERZ-TS-90-V IERZ-TS-90-K₁ eparate stand	Other Models								
1aximum opera	ating temperature ating pressure purity according to a	Operating Data							
emperature an maximum op	RZ compression union d pressure ratings a erating temperature nnections, if permitte	HERZ Compression Unions							
Vater heating lesired.	systems in which	Field of Application							
on pipe conne is recommend	ection 6210, with con ded that the HERZ as	e seal, ssembly	installed v key 668	30 be us	sed.				Radiator Connection

o be use						o un oud	0 0/1.				Co	ther nnecting Options
210	1/2"		n pipe co 1gths 26 c		,							
211	1/2"		Reducing connection, 1/2" x 3/8"									
213	3/8"		0		n 3/8" x 1/2							
218	3/8"-1/2""	to	Long threaded bush, without nut, can be shortened to compensate for differences in structural dimensions, lengths 3/8" x 40; 1/2" x 39, 42 and 76 mm									
218	1/2"		readed bingths 36,									
235	3/8"-1/2"	So	lengths 36, 48 and 76 mm Soldering connection, 3 x 8" x12: 1/2" x 12, 15 and 18 mm									
249	3/8"-1/2"											
274	G 3/4	Сс	Iron pipe connection elbow, without nut, with cone seal Compression union for copper and thin-walled steel pipes, for external pipe diameters 8 10 12 14 15 14 and 18 mm									
275	G 3/4	Cc piµ wit	for external pipe diameters 8,10,12,14,15,16 and 18 mm Compression union with soft seal for copper and thin-walled steel pipes, particularly suitable for hard special steel pipes and pipes with hard galvanised surfaces. For external pipe diameters 12,14 and 15 mm									
098	G 3/4				or PE-X-, F			iposite pi	ipes.			
o be use	d at the sock	et side of	the valve:									
219	1" x 1/2"	CO		female th	ass versio hread (pip			alve),				
066	M 22 x 1,5	Pla	astic pipe	connecti	on for PE- ter 1 6272				te pi	bes,		
098	G 3/4	Pla	astic pipe	connecti	on for PE- ter 1 6266	X-, PB an	d plastic	, composit	te pij	pes,		
nreaded nion. The Vhen usir	rsal models a pipe or a cal compressio ng R = 1/2" v. 272 between	ibrated so n union m alves for e	oft-steel or ust be orc external pi	copper dered sep	pipe, the barately. eters of 10	latter two	by mear	is of a co	ompr	ession	Pip	e Connection
nreaded nion. The Vhen usir .rt. No. 62	pipe or a cal e compressio ng R = 1/2" v 272 between	ibrated so n union m alves for e	oft-steel or ust be orc external pi	copper dered sep	pipe, the barately. eters of 10	latter two	by mear	is of a co	ompr	ession	Pip	e Connection
nreaded nion. The /hen usir rt. No. 62 Pipe Ø D I	pipe or a cal e compressio ng R = 1/2" v 272 between	ibrated so n union m alves for e	oft-steel or ust be orce external pi compres	copper dered sep pe diame sion unio	pipe, the barately. eters of 10 n.	latter two), 12, 14, 14	by mear 16, and 1	IS of a cc	ompr	ession dapter	Pip	e Connection
readed j nion. The /hen usir rt. No. 62 Pipe Ø D r Valve	pipe or a cal e compressio ng R = 1/2" v 272 between	ibrated sc n union m alves for e valve and	oft-steel or ust be orce external p compres	copper dered sep pe diame sion unio	pipe, the barately. eters of 10 n.	latter two), 12, 14, 14	by mear 16, and 1 15	IS of a cc	se a	ession dapter	Pip	e Connection
nreaded nion. The /hen usir rt. No. 62 Pipe Ø D r Valve Adapter	pipe or a cal compressiong R = 1/2" v. 272 between	ibrated sc n union m alves for e valve and R =	oft-steel or ust be orce external p compres	tered sep dered sep sion unio 10	pipe, the barately. eters of 10 n. 12	1atter two 0, 12, 14, 14 1 6272 01	by mear 16, and 1 15	18 mm, u 18 mm, u 16	500 500 500 500 500 500 500 500 500 500	ession dapter 18	Pip	e Connection
resetting roma well resetting roma from the	pipe or a cal compression ng R = 1/2" v. 272 between mm sion Union st using supp perfect comp I as the olive is performed flow restricto re spindle. can be perf the presettir e HERZ stand	ibrated sc n union m alves for e valve and R = Order No. Order Order No. Order Order	oft-steel or ust be ord external pi compres 12 3/8" 1 6292 00 es for the nion insta /e refer to s of a flow uously ad anually by to the figuram.	restrictor justable f y means re on the	pipe, the barately. eters of 10 n. 12 16272 01 16284 01 n of soft s s imperati uctions for downstre from outside s cale of the	14 14 14 14 14 14 14 14 14 14 14 14 14 1	by mean 16, and 1 15 /2" 1 6292 01 pper pipe icate the to on. valve sea s not obs setting bu part obta	18 mm, u 18 mm, u 16 16272 01 1 6272 01 1 6284 05 es with cc hread of at enclosing truct the utton, by ained by	ng th work	ession dapter 18 272 11 289 01 ession ocking we seat ing lift ng the ulation		e Connection
Presetting presetting pointer on value	pipe or a cal compression ng R = 1/2" v. 272 between mm sion Union est using supp perfect comp l as the olive is performed flow restricto re spindle. can be perf the presettir	R = Order No. Order	oft-steel of ust be ord external pi compres 12 3/8" 1 6292 00 es for the nion insta /e refer to s of a flow uously ad anually by to the figures anually by to the figures	restrictor justable f y means re on the	pipe, the barately. eters of 10 n. 12 16272 01 16284 01 n of soft s s imperati uctions for downstre from outside s cale of the	14 14 14 14 14 14 14 14 14 14 14 14 14 1	by mean 16, and 1 15 /2" 1 6292 01 pper pipe icate the to on. valve sea s not obs setting bu part obta	18 mm, u 18 mm, u 16 16272 01 1 6272 01 1 6284 05 es with cc hread of at enclosing truct the utton, by ained by	ng th work	ession dapter 18 272 11 289 01 ession ocking we seat ing lift ng the ulation		

 Directly sepresetting Install HEI 	IERZ thermostatic head, handwheel or screw cap. et the orange setting button (set between 4 and 5 by the manufacturer) to the desired step 1–6 (0) either manually or by means of the setting key (1 6819 98). RZ thermostatic head or handwheel. t is thus secured.	Setting Process
ensures ease part is replac The presettin 1. Remove th 2. Unscrew a 3. Replace H The upper pa under pressu	teal is a special sealing ring which keeps maintenance requirements at a minimum and of valve operation over a long period of time. If the spindle seal is worn, the valve upper ed which means simultaneous replacement of the seat seal which may also be damaged. g step is to be re-set after changing the upper part. he HERZ thermostatic head or the HERZ-TS handwheel. and remove the old upper part and replace it with a new one. IERZ thermostatic head or HERZ-TS handwheel. art can be changed by means of the HERZ changing tool while the heating system is re. Follow the instructions for the HERZ changing tool. er for HERZ-TS-98-V Valve upper part: 1 6367 98	Spindle Seal
valve is form draining the l Adjustment of On the knurl in alignment 1. Close the 2. Mark the p	ap is used for operation during the installation phase (pipe flushing). The thermostatic ed by removing the screw cap and screwing in the HERZ thermostatic head without heating system. If nominal lift by means of screw cap: ed part of the circumference of the screw cap there are two setting marks (webs) with the "+" and "-" marks. valve by turning the screw cap clockwise position corresponding to the setting mark "+" screw cap anticlockwise until the setting mark "-" is at the position marked according	HERZ-Thermostatic Valve Nominal Lift
thermostatic	tional case that the HERZ thermostatic valve lower part is not equipped with a HERZ head, the HERZ-TS handwheel is used to replace the screw cap. ation, follow the instructions enclosed with the handwheel.	HERZ-TS Handwheel
direction of th	rt of the thermostatic valve is incorporated into the radiator intake with the flow in the ne arrow (arrow on the valve body). If possible, the HERZ thermostatic head should be al position in order to permit optimum room temperature control and minimise inter-	Installation
effects of equilation of equilation of equilations this sense the ro cases, use the the equilation of	cumstances should the HERZ thermostatic head be exposed to direct sunlight or to the uipment emitting relevant quantities of heat, e.g. TV sets. If the radiator is covered by will lead to the formation of a heat accumulation zone in which the thermostat cannot om temperature and consequently is not in a position to properly control it. In such e HERZ thermostat with remote sensor or the HERZ thermostat with remote adjustment. nformation on the HERZ thermostats consult the individual standard sheets.	Important for Installation
	d of the heating period open the valve completely by turning it in an anti-clockwise revent dirt deposits at the valve seat.	Summer Setting
1 6680 00 1 6807 90 1 6819 98 1 7780 00	Assembly key for radiator connections HERZ-TS-90 Assembly key HERZ-TS-98-V Setting key HERZ Changing tool, changing tool for thermostat upper parts	Accessoires
1 7102 80 1 9102 80	HERZ-TS-90 Handwheel, Series 7000 with pre-setting and locking function. HERZ-TS-FV Handwheel, Series 9000 "Design"	Handwheels
1 6367 98	HERZ-TS-98-V Thermostatoberteil	Spare Parts

HERZ Standard Diagram

HERZ-TS-98-V

Art. No. 7623 V - 7659 V

Dim. DN 10 $R = 3/8" \cdot DN 15 R = 1/2"$

Valve dimensioning (Δ p) must be performed in accordance with the "VDMA-Instruction Sheet for Planning and Hydraulic Balancing of Heating Systems with Thermostatic Radiator Valves."



HERZ Armaturen

Richard-Strauss-Straße 22 • A-1230 Wien