Circulation Temperature Controller

Data sheet for

with automatic thermal pasteurisation

Issue 1005







Normal operation below 52 °C valve fully open

Temperature higher than 52 °C thermostat 1 is closed, to a bleed

For pasteurisation at over at 70 $^{\circ}\mathrm{C},$ thermostat 2 opens the valve

Both control sets including thermostatic elements and cone can be changed without dismounting of body.

Installation in circulation return pipe is possible in any orientation. Please note the flow direction cast in the valve body.		HERZ compression unions
1 6292 01 1 6092 02 1 6092 01 1 6292 02 HERZ com	HERZ compression unions for pipe external diameter 15 mm. HERZ compression unions for pipe dimension 14 x 2.0 mm. HERZ compression unions for pipe external dimension 16 x 2.0 mm. HERZ compression unions for pipe external diameter 18 mm. pression union guarantee a secure and joint connection with copper and thin-walled steel	Kennzeichnung der Ausführung
pipes. It is to lubricate be respecte	recommended to use support sleeves. To ensure trouble-free installation we recommend the olive screw and the olive with silicone oil. The HERZ Installation guidelines have to ed.	
1 6266 01 1 6266 20 1 6220 XX P 192X XX	Adapter Iron pipe connection, with flat seal Coupling with external thread	Installation accessories
P 70XX 11 P 70XX 12 P 70XX 61 P 70XX 62	Press transition with external thread Press connection with external thread and flat seal	
2 4010 81 2 4010 82 1 0271 09 1 0273 09 1 0284 01	Control sets including thermostatic element and cone, valve dimension 1/2 dito, valve dimension 3/4 Draining valve with handle 1/4 Screw plug 1/4 Test point for pressure measuring FlowPlus, 8903 or 8900.	Spare Parts
2 4010 01 2 4010 02 2 4010 11 2 4010 12 2 4010 51 2 4010 52	HERZ flow temperature limiter without shut-off function, DN 15, pre-set to 48 °C HERZ flow temperature limiter without shut-off function, DN 20, pre-set to 48 °C HERZ flow temperature limiter without shut-off function, DN 15, pre-set to 43 °C HERZ flow temperature limiter without shut-off function, DN 20, pre-set to 43 °C HERZ flow temperature limiter FWW with shut-off function, DN 15, pre-set to 52 °C HERZ flow temperature limiter FWW with shut-off function, DN 20, pre-set to 52 °C	Further HERZ flow temperature limiter see standard sheet
Please respect national and local regulations for maximum temperatures in hot water circuits. The dimensioning of circulation pipes is either done according a short and simplified process or according a derivative process according DVGW-Technische Regel, working sheet W553 and the DVGW working sheets W551 and W552 in combination with standards ON EN 805, ON B2531, DIN 1988 and DIN 4701.		Tips



HERZ-CTC

Order number 2 4011 01 • 2 4011 02

Dim. DN 15 • DN 20



HERZ Armaturen Richard-Strauss-Straße 22 • A-1230 Wien e-mail: office@herz-armaturen.com • www.herz-armaturen.com





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Richard-Strauss-Straße 22 • A-1230 Wien e-mail: office@herz-armaturen.com • www.herz-armaturen.com

