HERZ Teplomix

Thermostatic three-way control valve for boiler return bypass

Standard specification sheet for

7766

Version 0810

Dimensions in mm



Order no.	Dimension	G	Δp max	kv (m³/h) Normal Flow	kv (m ³ /h) Bypass
1 7766 03	DN 25	G 1¼ B	0,5	11	17
1 7766 04	DN 32	G 1½ B	0,5	14	19
1 7766 13	DN 25	G 1¼ B	0,5	11	16
1 7766 14	DN 32	G 1½ B	0,5	14	16

Order no.	Tmax mixer temperature.	pmax (bar)	Tmin water	Tmin frost protection
1 7766 03	110 °C	16	+2 °C	-20 °C
1 7766 04	110 °C	16	+2 °C	-20 °C
1 7766 13	110 °C	16	+2 °C	-20 °C
1 7766 14	110 °C	16	+2 °C	-20 °C

Three-way mixer valve with continuously controllable thermostatic input, factory pre-set. The bypass is operated automatically from the thermostat with no electrical link to the boiler. External thread according to ISO 228/1, class B flat-sealing. Pipe connections must be ordered separately.

Casing made of standard brass for use in heating equipment

1 7766 03 1 7766 04	the models 1 7766 03 and 1 7766 04 incorporate a fixed bypass, control temperature for path A AB: approx 61 °C	
	Installation of a regulating valve in the bypass between the boiler flow and return is recommended (see diagram)	
1 7766 13 1 7766 14	the models 1 7766 13 and 1 7766 14 are designed with a closing function on the bypass At a mixing temperature of approx 63 °C the bypass is closed (B-AB branch) and opens again at a temperature of approx 55 °C. The installation of a regulating valve in the bypass is not necessary.	We reserve to due to techr

We reserve the right to make changes due to technical advances.

Design / application

♥ HEIZ®



Connections	, consisting of seal, nut and nipple for each valve – 3 sets required.	Accessories
	for Teplomix DN 25	
1 6220 63	Iron pipe connection, AG R1	
1 6236 63	Soldered connection for 28mm copper pipe	
1 6240 63	Welded connection for 33.7mm pipe	
P 70xx 43	Junction press fitting, flat seal for 25×3.5 mm and 40×3.5 mm aluminium connection pipes	
	for Teplomix DN 32	
1 6220 64	Iron pipe connection, R 11/4	
1 6236 63	Soldered connection for 35mm copper pipe	
1 6240 63	Welded connection for 42.4 mm pipe	
P 70xx 44	Junction press fitting, flat seal for 32×3 mm and 50×4 mm aluminium connection pipes	
4111	Strainer, mesh hole dia 0.40 or 0.75 mm	
4119	"Thermoflex" boiler fill and drain tap	
1 0276 00	Drain valve with handle and pivotable hose connection, DN 10, O-ring seal	
4112/ 4113	STRÖMAX shut-off and circuit regulating valve HERZ valve	
1 7761 xx	Distributor valve, CALIS-RD, DN15 - DN32 for thermal actuation	Other products
1 7762 xx	Three way mixer and distributor valve, DN10 - DN20 for thermal actuation	

1 7762 xx	Three way mixer and distributor valve, DN10 - DN20 for thermal actuation

1 4037 xx	Three way mixer and distributor valve, DN15 – DN50 suitable for motor actuation
2 7766 VV	Thermostatic Mixer value for use in drinking water systems

2 1100 AA Thermostatic winer valve for use in drinking water systems	2 7766 xx	Thermostatic	Mixer	valve fo	r use i	n drinking	water	systems
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