

■ PROTECTION AGAINST BOILER CORROSION AND FOULING
Load Valves with automatic by-pass balancing

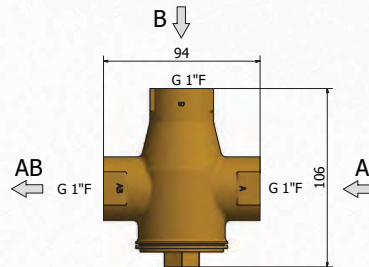


TSV3B
Valves for return temperature control, with automatic by-pass balancing

TSV B load valves mix cool return water from a heating system or thermal store with hot water from a boiler flow, **keeping boiler return water** (i.e. its heat transfer surfaces) at a temperature that will **not allow condensation to occur**. The boiler then works with higher efficiency and its service life is extended.

The valves feature automatic by-pass balancing. The exact control prevents boiler overheating and keeps a steady flow rate through a boiler under any temperature if the system is properly designed. When restricting the flow through one port, it opens the other one simultaneously.

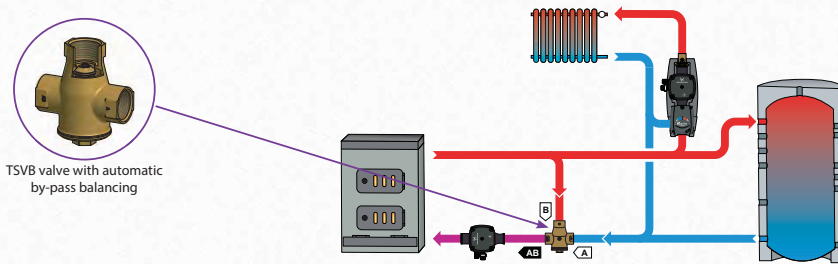
Dimensions



Versions

		TSV3B 45	TSV3B 50	TSV3B 55	TSV3B 60	TSV3B 65	TSV3B 70
OPENING TEMPERATURE	°C	45	50	55	60	65	70
NOMINAL DIAMETER	-	DN25	DN25	DN25	DN25	DN25	DN25
CONNECTION SIZE	--	G 1" F	G 1" F	G 1" F	G 1" F	G 1" F	G 1" F
K_{vs} from A to AB	m ³ /h	6.2	6.2	6.2	6.2	6.2	6.2
K_{vs} from B to AB	m ³ /h	4.4	4.4	4.4	4.4	4.4	4.4
WEIGHT	kg	0.77	0.77	0.77	0.77	0.77	0.77
CODE	--	11 282	15 517	11 281	15 518	10 080	15 519

Connection in a system



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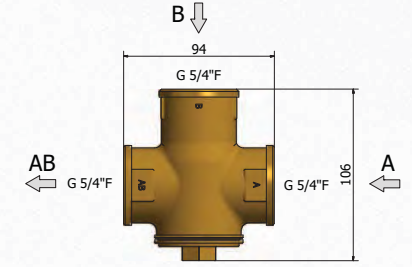


TSV5B
Valves for return temperature control, with automatic by-pass balancing

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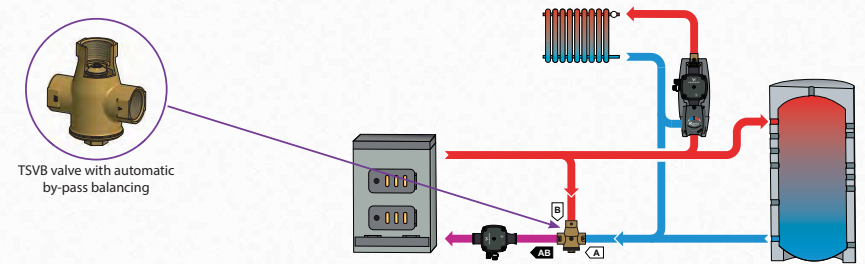
Dimensions



Versions

		TSV5B 45	TSV5B 50	TSV5B 55	TSV5B 60	TSV5B 65	TSV5B 70
OPENING TEMPERATURE	°C	45	50	55	60	65	70
NOMINAL DIAMETER	-	DN32	DN32	DN32	DN32	DN32	DN32
CONNECTION SIZE	--	G 5/4" F	G 5/4" F	G 5/4" F	G 5/4" F	G 5/4" F	G 5/4" F
K_{vs} from A to AB	m ³ /h	7.0	7.0	7.0	7.0	7.0	7.0
K_{vs} from B to AB	m ³ /h	4.9	4.9	4.9	4.9	4.9	4.9
WEIGHT	kg	0.87	0.87	0.87	0.87	0.87	0.87
CODE	--	11 806	15 520	11 807	15 521	11 808	15 522

Connection in a system



■ PROTECTION AGAINST BOILER CORROSION AND FOULING
Load Valves with automatic by-pass balancing

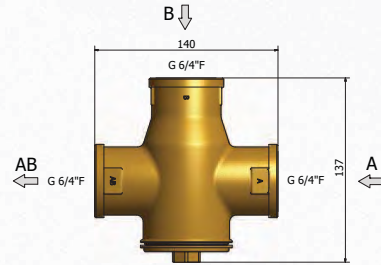


TSV6B
Valves for return temperature control, with automatic by-pass balancing

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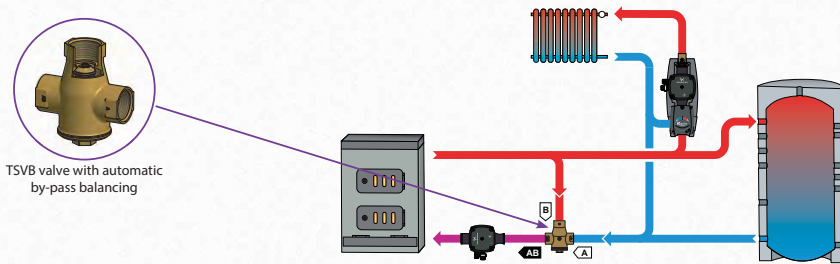
Dimensions



Versions

		TSV6B 45	TSV6B 55	TSV6B 65
OPENING TEMPERATURE	°C	45	55	65
NOMINAL DIAMETER	-	DN40	DN40	DN40
CONNECTION SIZE	--	G 6/4" F	G 6/4" F	G 6/4" F
K_{vs} from A to AB	m ³ /h	13.3	13.3	13.3
K_{vs} from B to AB	m ³ /h	9.6	9.6	9.6
WEIGHT	kg	1.7	1.7	1.7
CODE	--	12 974	12 975	12 976

Connection in a system



Protection and Control
Energy-saving solutions

■ PROTECTION AGAINST BOILER CORROSION AND FOULING
Thermostatic Valves

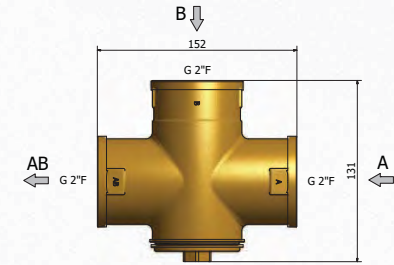


TSV8B
Valves for return temperature control, with automatic by-pass balancing

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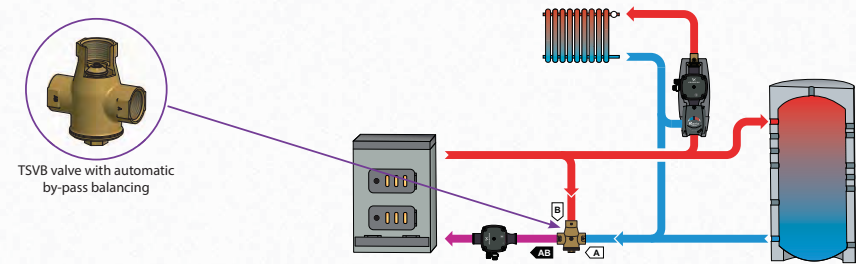
Dimensions



Versions

		TSV8B 45	TSV8B 55	TSV8B 65
OPENING TEMPERATURE	°C	45	55	65
NOMINAL DIAMETER	-	DN50	DN50	DN50
CONNECTION SIZE	--	G 2" F	G 2" F	G 2" F
K_{vs} from A to AB	m ³ /h	15.8	15.8	15.8
K_{vs} from B to AB	m ³ /h	11.1	11.1	11.1
WEIGHT	kg	1.85	1.85	1.85
CODE	--	12 977	12 978	12 979

Connection in a system



Protection and Control
Energy-saving solutions