

PROTECTION AGAINST BOILER CORROSION AND FOULING

Load Valves



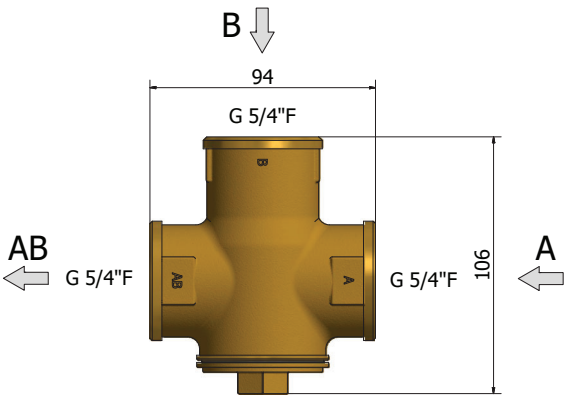
TSV5B

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.

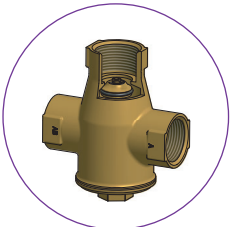
The valves feature automatic by-pass balancing. The exact control prevents boiler overheating and keeps a steady flow rate through a boiler under any temperature if the system is properly designed. When restricting the flow through one inlet, it opens the other one simultaneously.

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 DN	-	32	32	32	32	32	32
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	m³/h	7.0	7.0	7.0	7.0	7.0	7.0
K _{vs} from B to AB	m³/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	--	11806	15520	11807	15521	11808	15522

CONNECTION IN A SYSTEM



TSVB valve with automatic by-pass balancing

