

PROTECTION AGAINST BOILER CORROSION AND FOULING

Load Valves with manual by-pass balancing



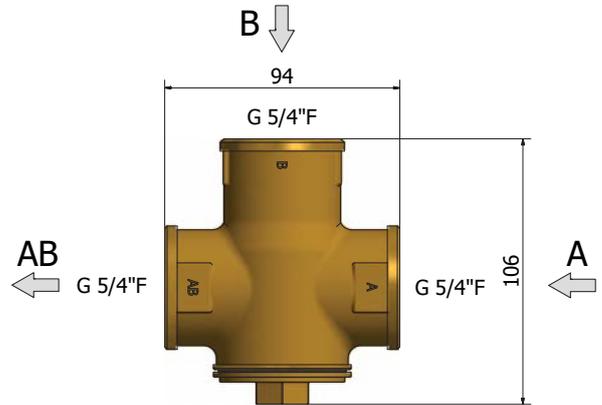
TSV5

Valves for return temperature control, with manual by-pass balancing

TSV load valves with manual by-pass adjustment 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.

Balancing of TSV5 valves needs to be performed manually using a balancing valve in the by-pass pipe. Boiler manufacturer ATMOS recommends that these models of TSV valves are used with his boilers.

DIMENSIONS



VERSIONS

	TSV5 65	TSV5 72	TSV5 77
OPENING TEMPERATURE	65 °C	72 °C	77 °C
NOMINAL DIAMETER	DN32	DN32	DN32
CONNECTION SIZE	G 5/4" F	G 5/4" F	G 5/4" F
MAX. WORKING PRESSURE	6 bar	6 bar	6 bar
K_{vs} from A to AB	7.0 m ³ /h	7.0 m ³ /h	7.0 m ³ /h
K_{vs} from B to AB	11.5 m ³ /h	11.5 m ³ /h	11.5 m ³ /h
WEIGHT	0.85 kg	0.85 kg	0.85 kg
CODE	11804	15533	11836

CONNECTION IN A SYSTEM

