

PROTECTION AGAINST BOILER CORROSION AND FOULING

Load Valves with manual by-pass balancing



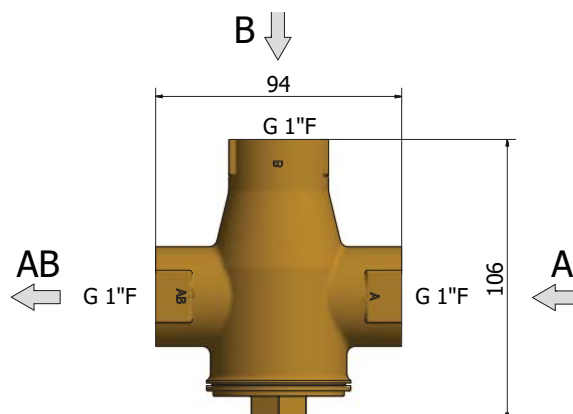
TSV3

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 TSV3 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

	TSV3 65	TSV3 72	TSV3 77
OPENING TEMPERATURE	65 °C	72 °C	77 °C
NOMINAL DIAMETER	DN25	DN25	DN25
CONNECTION SIZE	G 1" F	G 1" F	G 1" F
MAX. WORKING PRESSURE	6 bar	6 bar	6 bar
K_{vs} from A to AB	6.2 m ³ /h	6.2 m ³ /h	6.2 m ³ /h
K_{vs} from B to AB	10.1 m ³ /h	10.1 m ³ /h	10.1 m ³ /h
WEIGHT	0.75 kg	0.75 kg	0.75 kg
CODE	10347	16029	10742

CONNECTION IN A SYSTEM

