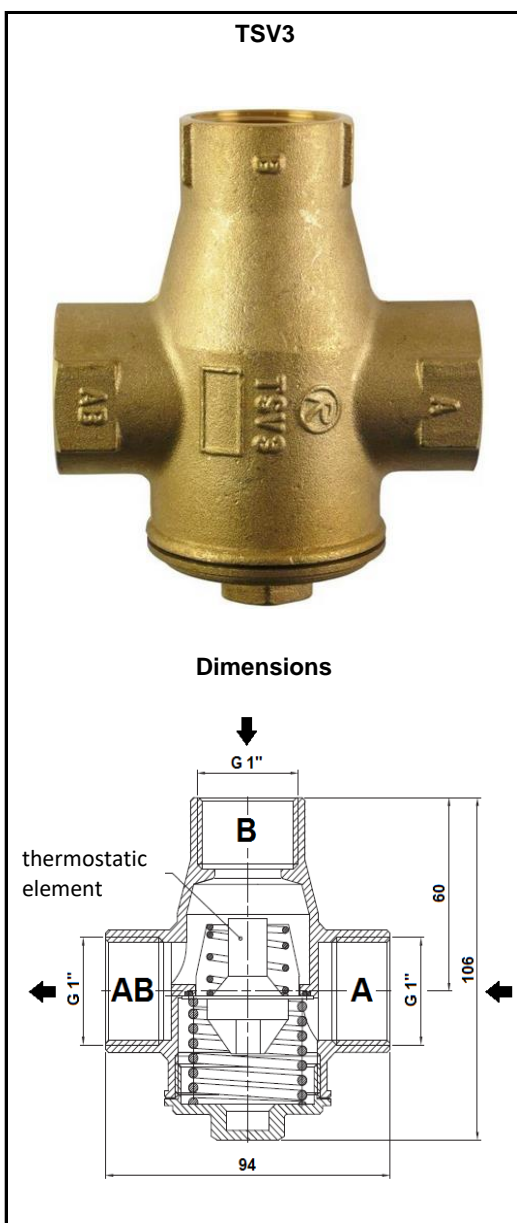


TSV3 Load Valve



| Main features | |
|---------------|---|
| Application | for heating systems with solid-fuel boilers |
| Purpose | these 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. |
| Working fluid | water, water-glycol mixture (max. 1:1) |
| Installation | installation is possible in any position; for proper operation it is necessary to install a valve at the B inlet to balance flowrate |

| Codes | |
|--------------|--------------------------------------|
| 10347 | for 65 °C opening temperature |
| 16029 | for 72 °C opening temperature |
| 10742 | for 77 °C opening temperature |

| Technical data | |
|-------------------------------|------------------------|
| Max. working pressure | 6 bar |
| Max. working temperature | 95 °C |
| K_{vs} (A → AB direction) | 6.2 m ³ /h |
| K_{vs} (B → AB direction) * | 10.1 m ³ /h |
| Nominal inner diameter | DN 25 |
| Connections | G 1" F |
| Plug O-ring size | Ø 45 x 3 mm |
| Weight | 0.75 kg |

* with balancing valve fully open

| Materials | |
|----------------|-----------------|
| Valve housing | brass |
| Valve seat | brass |
| Spring support | brass |
| Spring | stainless steel |
| Seal | EPDM |

