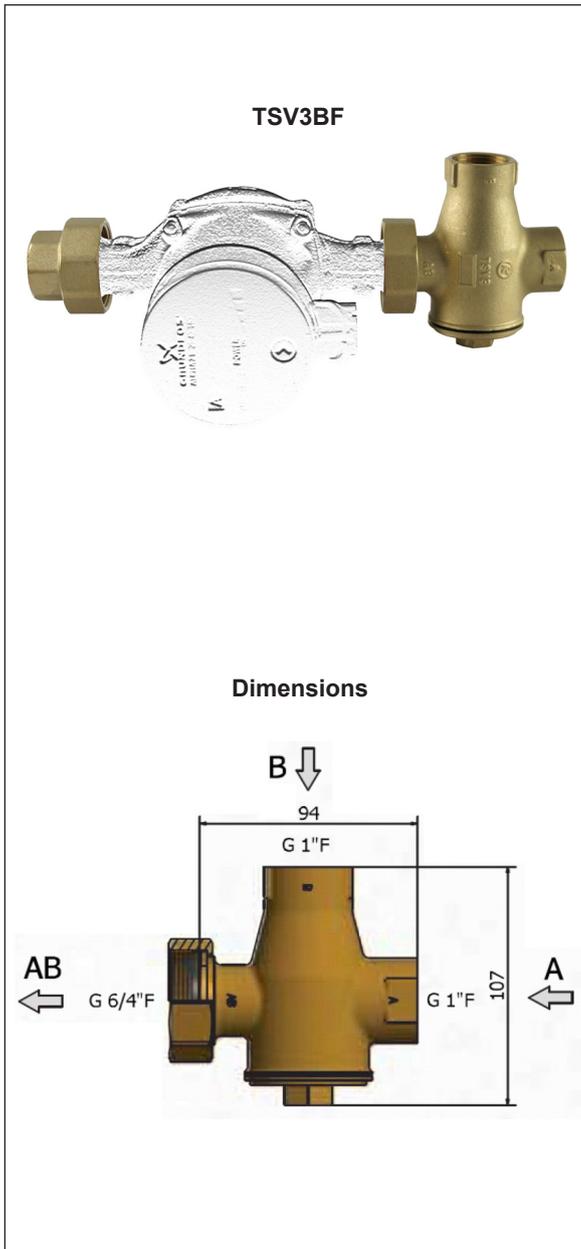


DATA SHEET

TSV3 BF Load Valve



Main Features

Application	In heating systems with a solid-fuel boiler.
Description	Mixing cold water returning from heating system / thermal store with hot water from the boiler, keeping the temperature of return water to the boiler (thus also its heat-transfer surfaces) at a temperature at which water vapor does not condense. 6/4"x 1" Fu/F union for the pump is also included in supply.
Working fluid	Water, water-glycol mixture (max. 1:1).
Installation	Installation is possible in any position; the valve features automatic bypass balancing.

Codes

13095	for 45 °C opening temperature
15939	for 50 °C opening temperature
13096	for 55 °C opening temperature
15940	for 60 °C opening temperature
13097	for 65 °C opening temperature
15941	for 70 °C opening temperature

Technical Data

Max. working pressure	6 bar
Max. working temperature	95 °C
Kvs (A → AB direction)	6.2 m ³ /h
Kvs (B → AB direction)	4.4 m ³ /h
Nominal inner diameter	DN 25
Connections	2x G 1" F, Union nut 6/4" Fu, Pipe fittings 6/4" F x 1" F
Plug O-ring size	Ø 45 x 3 mm
Weight	0.8 kg

Materials

Valve housing	brass
Spring	stainless steel
Element and plug seal	EPDM
Cone seal	NBR

Pressure Drop Graph

