BOILER PROTECTION AGAINST OVERHEATING
Two-way Thermal Relief Valves

Insulated DBV 2
Thermal Safety Relief Valve

A thermal safety relief valve designed for cooling solid-fuel boilers **with no cooling heat exchanger**. When the temperature reaches 97°C, the valve opens the cold water inlet from the mains. Cold water cools the boiler down, preventing its overheating. Hot water is discharged into sewer.

In order to work properly, the valve shall be installed in a place where the highest temperature is reached in case of overheating - usually directly in a top section of the boiler or in an outlet pipe close to the boiler.

Thermostatic elements from a renowned French manufacturer are located directly in heating water, so their **reaction to heating water temperature fluctuations is almost immediate**. The valve has a push button for manual opening (like safety valves).

Valve opening and closing is controlled by two independent thermostatic elements – the valve will dissipate sufficient excess heat even if one of them failed.

During production, each valve is marked with a serial number on the body and tested.

The valve's design meets the requirements for devices for removing excess heat according to Article 4.3.8.4 of EN 303-5:2012.

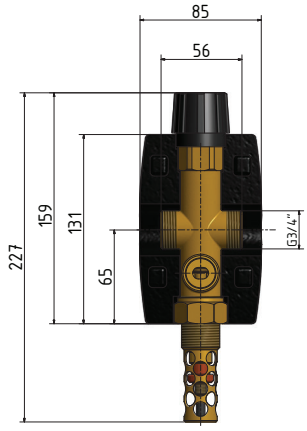
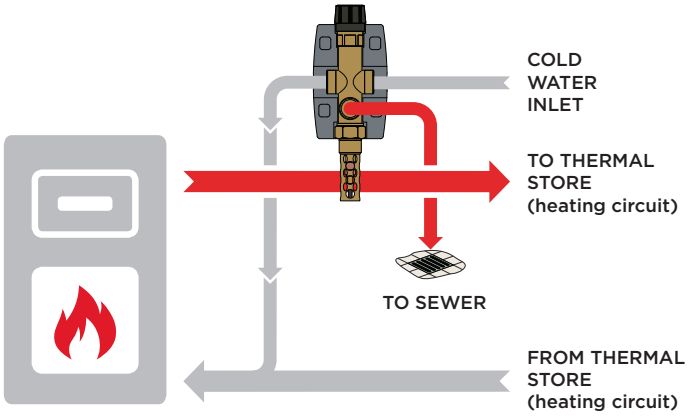
TECHNICAL DATA

OPENING TEMPERATURE	**97 ± 2 °C**
MAX. WORKING PRESSURE - HEATING WATER	**4 bar**
MAX. WORKING PRESSURE - COLD WATER	**6 bar**
PIPE CONNECTION	**G 3/4“ M**
HEAT SOURCE CONNECTION	**R 3/4“ M**
WEIGHT	**0.70 kg**

MODELS

	CODE
Insulated DBV 2	**16627**
DBV 2 in T-piece, 6/4” F, insulated	**16863**

DIMENSIONS



CONNECTION IN A SYSTEM