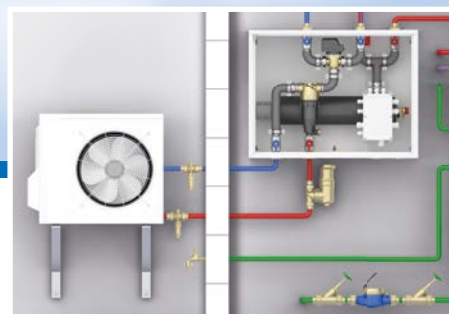


Frost protection valve AAV for heat pumps



Reliable opening and closing temperature. Safe operation in winter.



Advantages – your benefits

- + For protecting monobloc or hydrosplit heat pumps against frost damage in the case of malfunctions or power outage
- + Helps to avoid major damage to system components
- + With integrated vacuum breaker
- + Integrated mounting valve for easy replacement of the thermostatic element
- + Maintenance-free

Application

For applications with monobloc or hydrosplit heat pumps that are connected directly to the heating circuit water outdoors.

Further
information:



afri.so/ventil-aav



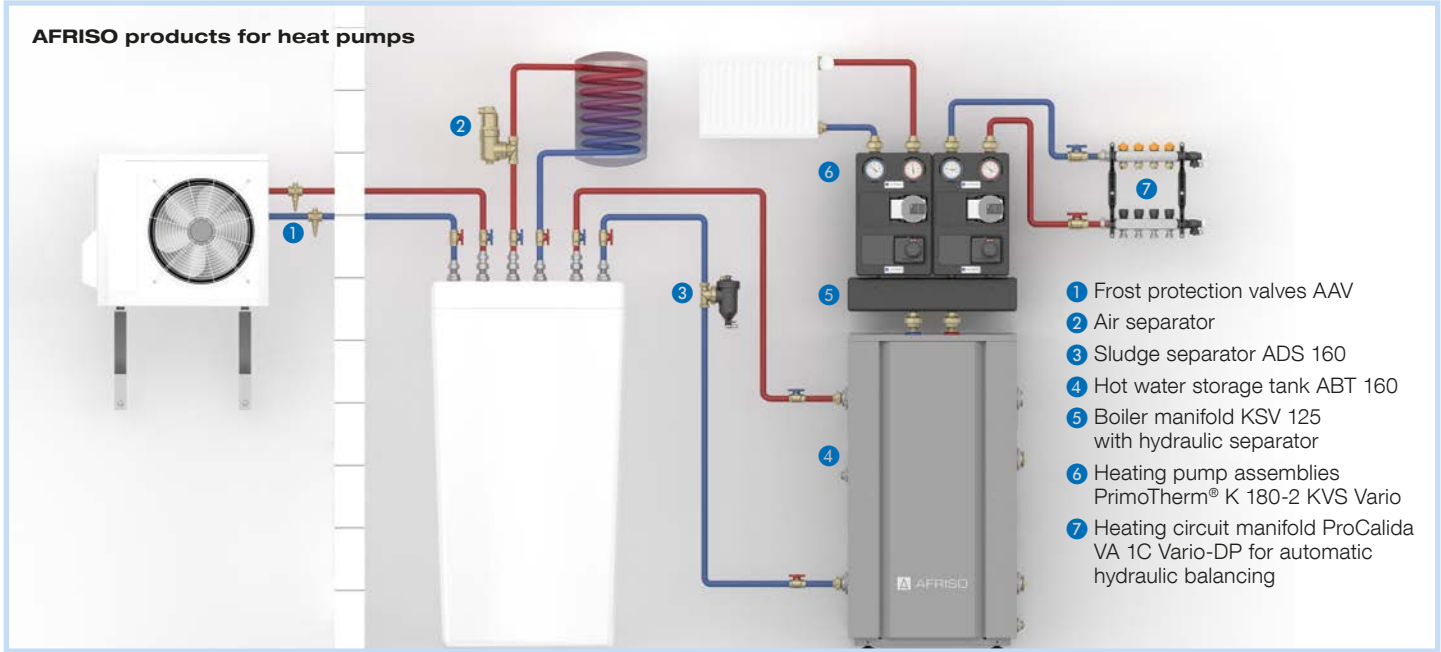
AFRISO

Description

Frost protection valve for installation outside the building, in the system flow and return. The valve must be installed as close as possible to the outdoor unit of the heat pump so that sensitive components of the heat pump are protected from damage caused by freezing of the medium.

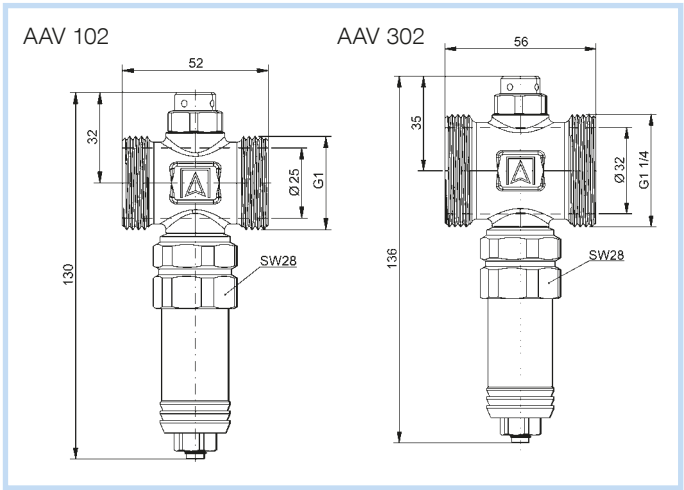
Function

If the temperature of the medium in the system drops to 3°C, the thermostatic element inside the valve opens the flow of the medium to the outside, helping to prevent possible damage. If the temperature of the medium rises above 4 °C, the thermostatic element automatically shuts off the water flow from the system. Prior to recommissioning, it is sufficient to check the system pressure, refill heating circuit water, if necessary, and vent the system.



Technical specifications

System connection	AAV 102: G1 AG AAV 302: G1¼ AG
Nominal pressure	Max. 10 bar
Opening temperature (medium)	3 °C (+/- 1 °C)
Closing temperature (medium)	4 °C (+/- 1 °C)
Operating temperature ranges	Medium: 0/70 °C Permissible peak temperature: Max. 75 °C Ambient: -30/+60 °C
KVS-value	AAV 102: 55 m³/h AAV 302: 70 m³/h
Material	Housing: CW 617 N Spring: Stainless steel Seals: EPDM



Your dealer

Version	Part no.
Frost protection valve AAV 102	81375
Frost protection valve AAV 302	81376