

VRS20/25, valve kit*

For control of water flow to water heated air curtains.

The valve kit consists of the following:

- AV20/25, stop valve
- JVF20/25, adjustment valve
- TRVS20/25, on/off 3-way control valve
- BPV10, by-pass valve
- SD20, actuator on/off 230V~

The stop valve (AV20/25) consists of a ball valve which is either open or closed. It is used to turn the water flow off and on. The water flow can be fine-tuned manually with the adjustment valve and can also be completely turned off. The water flow may be read off the valve. The kv value for JVF20 is 3,5 and for JVF25 it is 5,5.

If the 3-way valve (TRVS20/25) is closed, the flow through the by-pass valve (BPV10) is low to ensure presence of warm water in the heating coil. This leads to instant heat supply when needed and some degree of frost protection. The actuator (SD20) works on/off.

The valve kit is available with two different valve dimensions: VRS20 - DN20 (3/4") and VRS25 - DN25 (1"). The by-pass valve dimension is DN10 (3/8"). To regulate VRS20/25, a suitable thermostat has to be added.

TVVS20/25, valves + SD20, actuator*

TVVS20/25, 2-way regulation valve and SD20, actuator on/off provides a basic form of water regulation, without the possibility of adjusting or shutting the water flow off, e.g. when making maintenance. A suitable thermostat is chosen to regulate TVVS20/25 and SD20. DN20/25.

TVVS20/25, 2-way control valve*

TVVS20: maximum close-off pressure 150 kPa (1,5 bar), kvs 2,6, DN20 (3/4").

TVVS25: maximum close-off pressure 70 kPa (0,7 bar), kvs 4,5, DN25 (1").

Pressure class PN16.

TRVS20/25, 3-way control valve

If a 3-way valve is preferred, TRVS20/25 can be used instead of TVVS20/25.

TRVS20: maximum close-off pressure 100 kPa (1,0 bar), kvs 2,5, DN20 (3/4").

TRVS25: maximum close-off pressure 70 kPa (0,7 bar), kvs 4,5, DN25 (1").

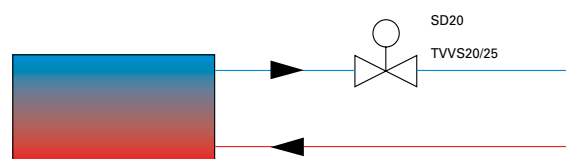
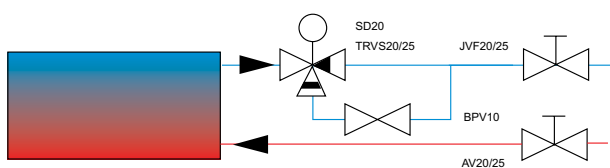
Pressure class PN16.

SD20, actuator on/off 230V~*

SD20 regulates the heat supply. Works on/off. A 5 second closing of the valve prevents sudden pressure changes in the pipe system. In unpowered mode, the SD20 valve is opened via spring return.

TE3434

Flexible hose, length 0,8 metres, for water heated units (2 is needed for a unit) with external thread 3/4" (DN20) at one end and coupling nut internal thread 3/4" (DN20), on the other.



*) These products can not be used together with SIRE control system.