

Safety relief valves

510, 511, 512 for heating systems

Safety relief valve for sealed boiler installation with rated power up to 50 kW. Safety relief temperature max. 100°C and safety relief pressure up to 0.25 MPa. The valve must not be used for steam.

Design

High lifting and soft sealing safety relief valve. Valve body made of CR-brass, EN 12165 CW602N. Membrane of EPDM rubber.

Inlet with female (510) or male (511) thread G $\frac{3}{4}$ and for 512 with compression fitting 22 mm. Outlet connection with 22 mm compression fitting.

Fitting/Installation

The safety relief valve can be installed horizontally or vertically, i.e. with the valve knob facing outwards or upwards. In horizontal installation, the outlet must be positioned so that a water pocket can not be formed. The thread has to be sealed in the usual manner.

It is easier to fit the compression fitting if lubricant is applied to the thread and bevel. Tighten first by hand and then with a spanner. Soft pipes are to be fitted with a support sleeve.

Operation/Maintenance

The safety relief valve requires no maintenance. The opening function should, however, be checked 2-3 times a year.


Turn the knob counter-clockwise by hand, until water flows out. Let the water flush through for a moment. Then turn the knob until a click is heard, about $\frac{1}{4}$ turn, and the valve returns to closed position.

Article	Dimension	Art. no	Pack qty	Opening pressure/ Max blow-off capacity
510-0.15	G $\frac{3}{4}$ female/22 mm	090030	1	0.15 MPa - 35 l/min
510-0.20	G $\frac{3}{4}$ female/22 mm	090035	1	0.2 MPa - 35 l/min
510-0.25	G $\frac{3}{4}$ female/22 mm	090031	1	0.25 MPa - 38 l/min
510-0.30	G $\frac{3}{4}$ female/22 mm	090036	1	0.3 MPa - 40 l/min
511-0.15	G $\frac{3}{4}$ male/22 mm	090040	1	0.15 MPa - 35 l/min
511-0.20	G $\frac{3}{4}$ male/22 mm	090047	1	0.2 MPa - 35 l/min
511-0.25	G $\frac{3}{4}$ male/22 mm	090041	1	0.25 MPa - 38 l/min
511-0.30	G $\frac{3}{4}$ male/22 mm	090048	1	0.3 MPa - 40 l/min
512-0.15	22 mm	090050	1	0.15 MPa - 35 l/min
512-0.25	22 mm	090051	1	0.25 MPa - 38 l/min



Max working temperature: 120°C
Max blow-off capacity:
See the list below.

Type approval certificates

 Swedcert TG 0196
CE

