

Application:

The stations “Regumat RTA-180” DN 32 allow for the connection of the heating system/storage cylinder to the solid fuel boiler and to maintain a minimum return temperature of approx. 55 °C.

Advantages:

- pre-assembled connection system with high-efficiency pump, length 180 mm
- high quality materials
- insulation made of expanded polypropylene (EPP) supplied with each station
- easy installation by use of tailpipe sets
- temperature sensor integrated in the return pipe

Tender specification:

Stations “Regumat RTA-180” DN 32

Product assembly for the connection of the solid fuel boiler to the heating system/storage cylinder consisting of:

Two ball valves with thermometers integrated in the handles for supply and return temperature display, check valve in the supply pipe to avoid gravity circulation, high-efficiency pump with cable in the return pipe, three-way mixing valve and temperature controller with immersion sensor with a control range of 40 °C up to 70 °C.

Models:

with high-efficiency pump (EEI ≤ 0.2)
Grundfos ALPHA 2.1 32-60
Wilo-Yonos PARA RS 30/60 RKC

Item no.:

1354570
1354571

Connection:

To boiler and heating system/storage cylinder G 2 flat sealing male thread without collar nuts for tailpipe sets.

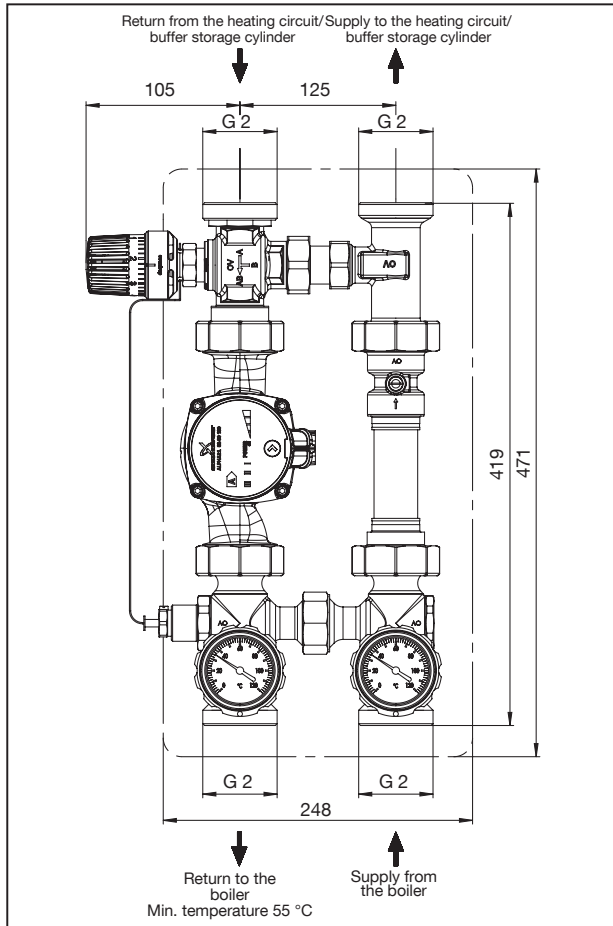
The tailpipe sets are to be ordered separately.

Function:

The stations allow for the connection of the heating system/storage cylinder to the solid fuel boiler. They maintain a minimum return temperature of approx. 55 °C to the solid fuel boiler and thus ensuring it is above the dew point and the formation of pitch is avoided. During start-up, the boiler is short circuited and hot water of the supply is directed to the boiler return via the bypass. Having reached the return temperature of 55 °C, the mixing valve opens.



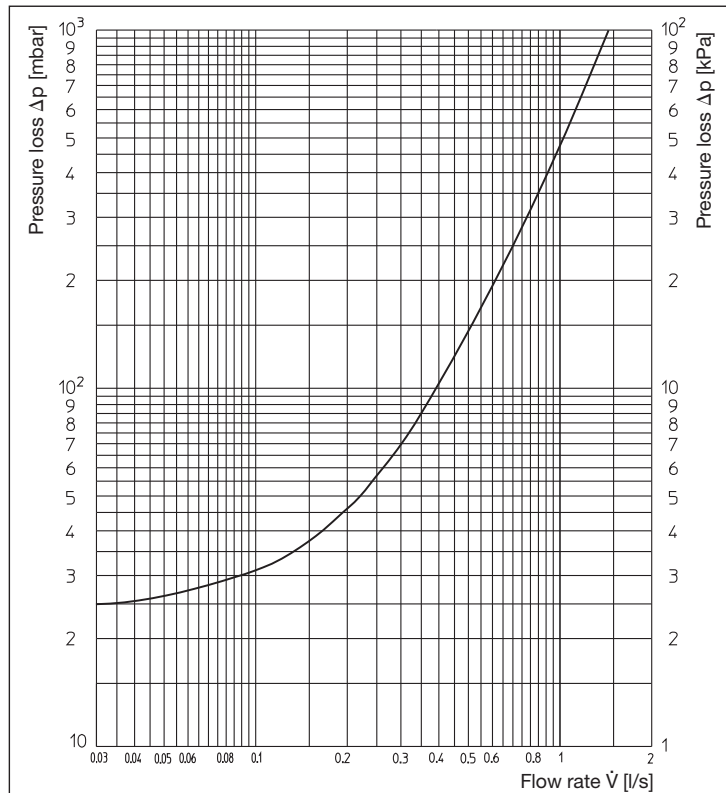
“Regumat RTA-180” DN 32



Technical data:

Nominal size:	DN 32
Max. operating pressure:	10 bar
Max. operating temperature:	85 °C
k _{vs} value:	5.3
Opening temperature nominal value:	55 °C (position 4)
Opening pressure check valve:	20 mbar
Height of thermal insulation:	472 mm
Width of thermal insulation:	248 mm
Distance between pipe centres:	125 mm

Dimensions



Flow chart "Regumat RTA-180" DN 32

Subject to technical modifications without notice.

Product range 6
 ti 159-EN/10/MW
 Edition 2017