



Application:

The stations “Regumat RTA-180” DN 25 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-130” DN 25

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.



“Regumat RTA-180” DN 25

Models:

Item no.:

with standard thermal insulation	
without high-efficiency pump	1354692
with high-efficiency pump (EEI ≤ 0.2)	
Grundfos ALPHA 2.1 25-60	1354693
with universal thermal insulation of modular construction	
without high-efficiency pump	1354580
with high-efficiency pump (EEI ≤ 0.2)	
Grundfos ALPHA 2.1 25-60	1354586
Wilo-Yonos PARA RS 25/6 RKC	1354587

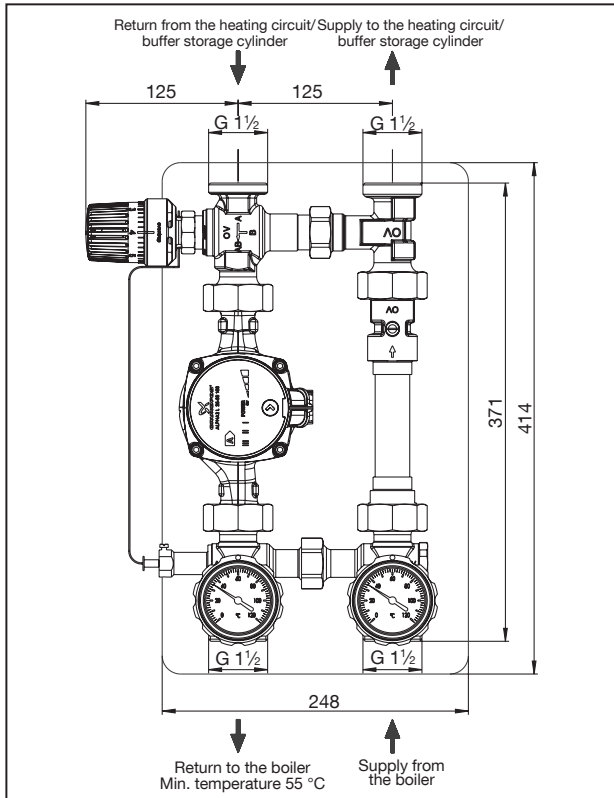
Connection:

To boiler and heating system/storage cylinder G 1½ flat sealing male thread without collar nuts for tailpipe sets.

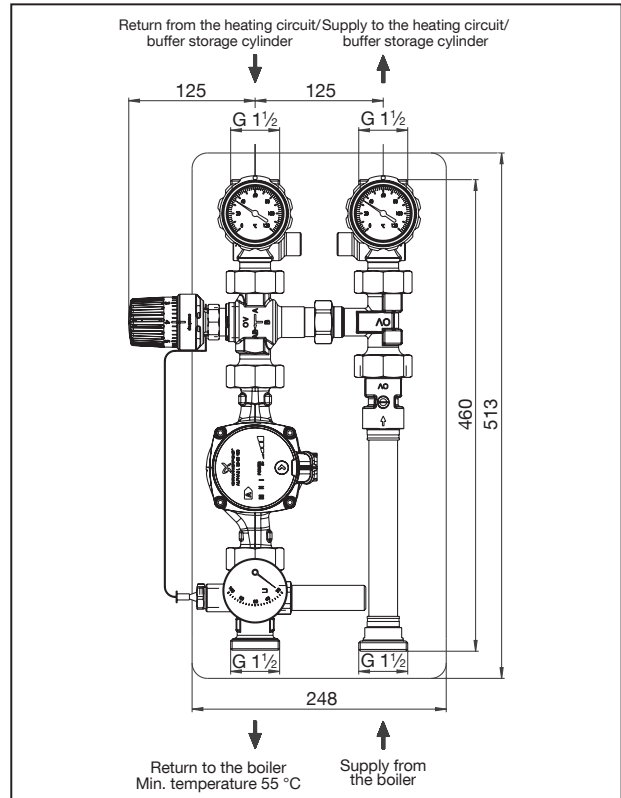
The tailpipe sets are to be ordered separately.

Function:

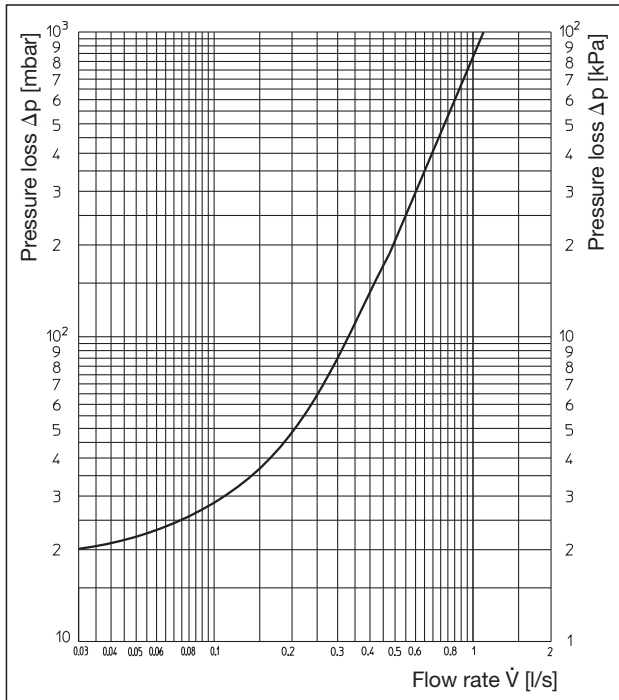
The stations allow for the connection of the heating system/storage cylinder to the solid fuel boiler. They maintain a minimum return temperature of approx. 55 °C to the solid fuel boiler and thus ensuring it is above the dew point and the formation of pitch is avoided. During start-up, the boiler is 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.



Dimensions "Regumat RTA-180" DN 25 with universal thermal insulation of modular construction



Dimensions "Regumat RTA-180" DN 25 with standard thermal insulation



Flow chart "Regumat RTA-180" DN 25

Technical data:

Nominal size:	DN 25
Max. operating pressure:	10 bar
Max. operating temperature: with standard thermal insulation:	85 °C
with universal thermal insulation of modular construction:	95 °C
k_{vs} value:	3.9
Opening temperature nominal value:	55 °C (position 4)
Opening pressure check valve:	20 mbar
Height: Standard thermal insulation:	513 mm
Universal thermal insulation of modular construction:	414 mm
Width of thermal insulation:	248 mm
Distance between pipe centres:	125 mm

Subject to technical modifications without notice.

Product range 6
ti 142-EN/10/MW
Edition 2017