



The Oventrop Quality Management System is certified to DIN-EN-ISO 9001

### Application:

The stations "Regumat RTA-180" DN 25 allow the connection of the heating system/storage cylinder to the wood burning boiler.

The minimum return temperature increase amounts to 55°C.

### Advantages:

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

### Tender specification:

Stations "Regumat RTA-180" DN 25

Product assembly for the connection of the wood burning boiler to the heating system/storage cylinder.

Consisting of: Isolating set consisting of 2 ball valves with thermometers integrated in the handle for supply and return temperature display. Check valve in the supply pipe to avoid gravity circulation. Circulation pump "Grundfos UPS 25-60" or "Wilco RS 25/6" with cable in the return. Three-way mixing valve and temperature controller with immersion sensor, control range 40-70°C.

Item no. 135 46 86 (with Grundfos UPS 25-60)

Item no. 135 46 96 (with Wilco RS 25/6)

### Connection:

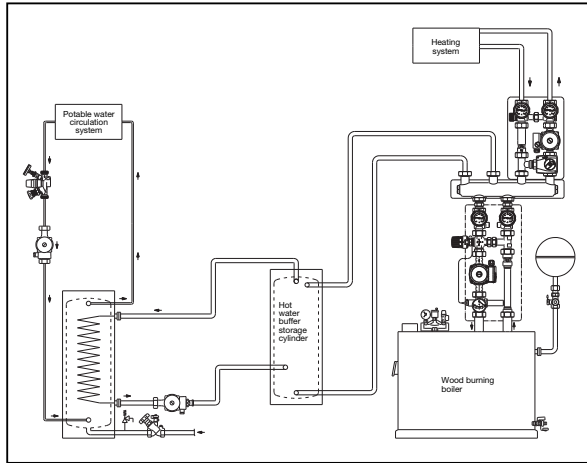
Boiler and heating system/storage cylinder G 1½ male thread without collar nuts for tailpipe sets, flat sealing.

The tailpipe sets are to be ordered separately.

### Function:

The stations allow the connection of the heating system/storage cylinder to the wood burning boiler. The minimum return temperature to the wood burning boiler amounts to 55°C and thus lies above the dew point. The formation of pitch is avoided. During start-up, the boiler flow water is short circuited directly to the boiler via the bypass. Having reached the return temperature of 55°C, the mixing valve opens to the heat emitters.

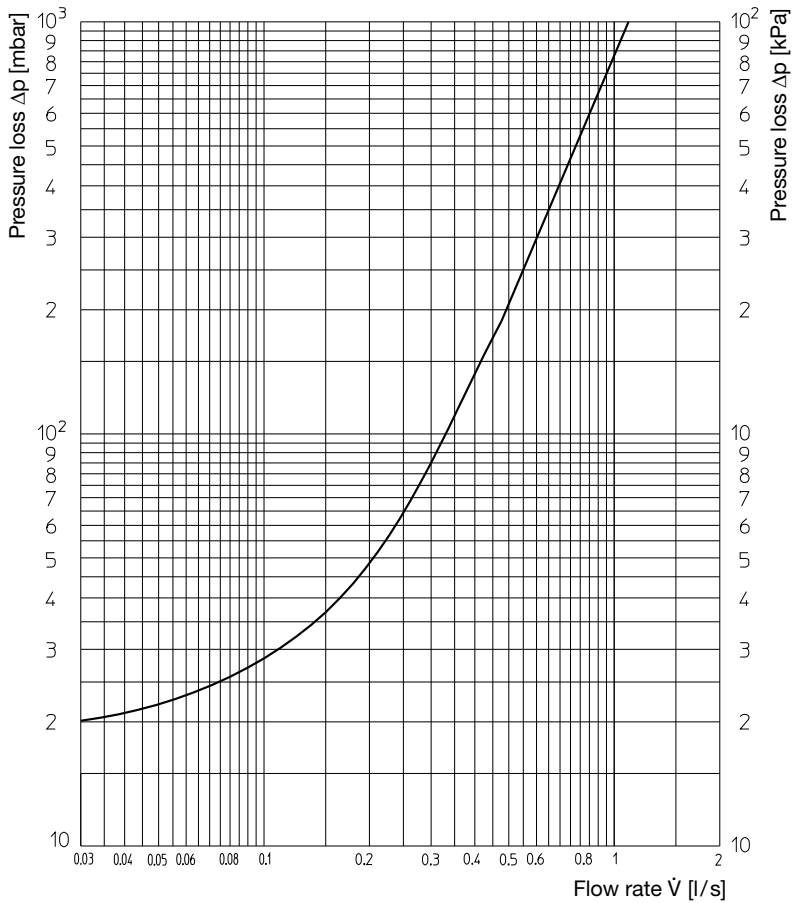




**Technical data:**

Size:	DN 25
Max. pressure:	10 bar
Max. temperature:	110°C
kvs value:	3.9
Opening temperature:	
Nominal value	55°C (position 4)
Opening pressure check valve:	20 mbar
Height of insulation:	512 mm
Width of insulation:	248 mm
Distance between pipe centres:	125 mm

**Flow chart "Regumat RTA-180" DN 25**



Subject to technical modification without notice.  
 Product range 6  
 ti 142-1/10/MW  
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