

### Boiler connection systems "Regumat RTA-130"



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

Technical information

#### Application:

The boiler connection system "Regumat RTA-130" allows the connection of the heating system/storage cylinder to the solid fuel boiler.

The minimum return temperature increase amounts to 55°C.

#### Advantages:

- pre-assembled connection system for pumps with a length of 130 mm
- high quality materials
- insulation made of expanded polypropylene (EPP) supplied with each "Regumat RTA"
- easy installation by use of tailpipe sets
- sensor integrated in the return

#### Tender specification:

Boiler connection system "Regumat RTA-130"

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

Consisting of: Isolation 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 with cable in the return. Three-way mixing valve and temperature controller with immersion sensor, control range 40°C – 70°C.

Item nos.: 135 46 85 (Grundfos UPS 25-60)  
135 46 95 (Wilo RS 25/6)

#### Connection:

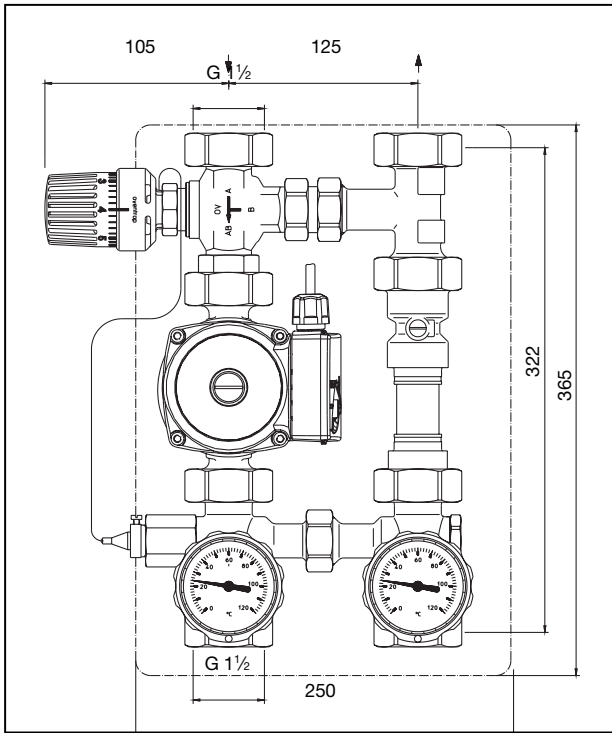
Boiler and heating system/storage cylinder 1½" male thread with collar nuts for tailpipe sets, flat sealing.

The tailpipe sets are to be ordered separately.

#### Function:

The boiler connection systems allows the connection of the heating system/storage cylinder to the solid fuel boiler. The min. return temperature to the solid fuel boiler amounts to 55°C and thus lies above the dew point. It prevents the formation of pitch. During start-up, the boiler flow water is short circuited directly to the boiler return via the bypass. Having reached the return temperature of 55°C, the mixing valve opens to the heat emitters.

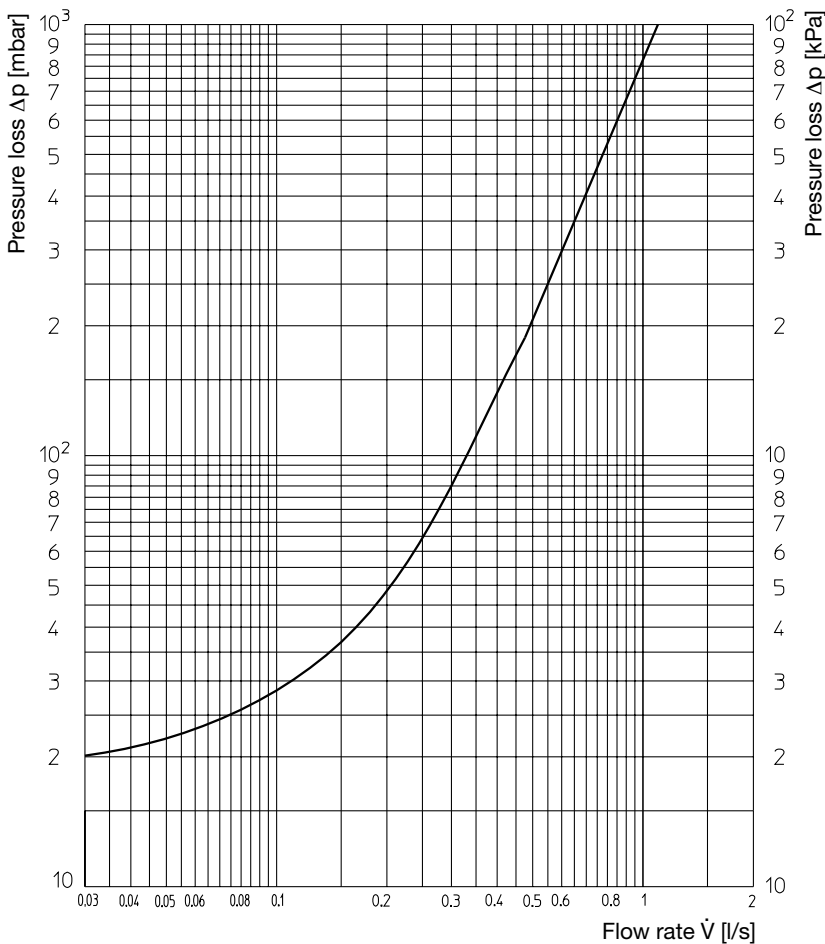




**Technical data:**

Size:	DN 25
Max. pressure:	10 bar
Max. temperature:	120°C
$k_{VS}$ value:	3.9
Opening temperature:	
Nominal value:	55°C (position 4)
Opening pressure:	
Check valve:	20 mbar
Height of insulation:	440 mm
Width of insulation:	250 mm
Distance between pipe centres:	125 mm

**Flow chart "Regumat RTA"**



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Subject to technical modification without notice.

Product range 6  
 ti 159-1/10/MW  
 Edition 2006