



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

#### Application:

The stations "Regumat RTA-180" DN 32 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 32

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 thermometer integrated in the handle for supply and return temperature display. Check valve in the supply to avoid gravity circulation. Circulation pump "Grundfos UPS 32-60" or "Wilo RS 30/6" with cable in the return. Three-way mixing valve and temperature controller with immersion sensor, control range 40-70°C.

Item no. 135 46 70 (Grundfos UPS 32-60)

Item no. 135 46 71 (Wilo RS 30/6)

#### Connection:

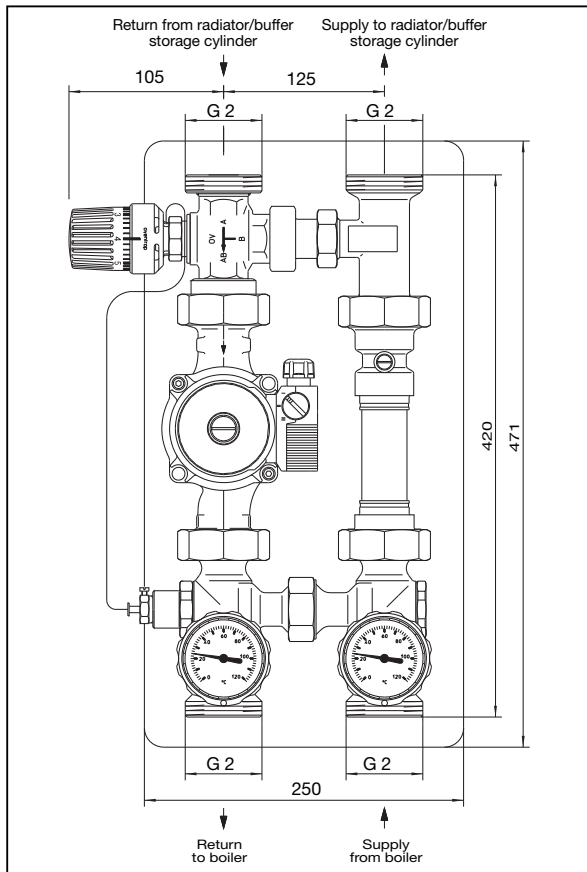
Boiler and heating system/storage cylinder G 2 male thread without collar nuts for tailpipe sets, flat sealing.

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.

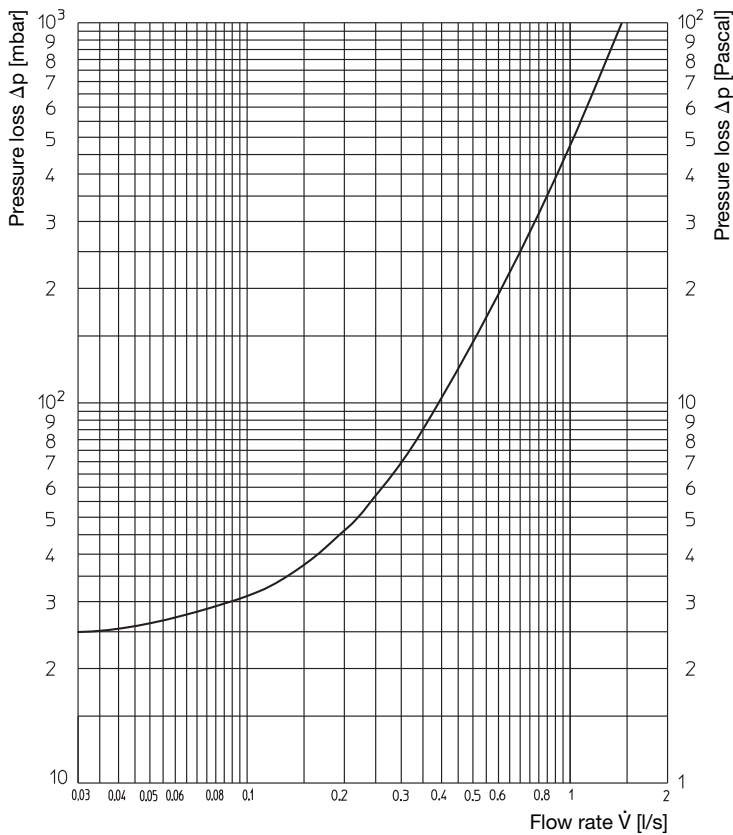




**Technical data:**

Size:	DN 32
Max. pressure:	10 bar
Max. temperature:	120°C
kvs value:	5.3
Opening temperature:	
Nominal value:	55°C (position 4)
Opening pressure:	
Check valve:	20 mbar
Height of insulation :	471 mm
Width of insulation:	250 mm
Distance between pipe centres:	125 mm

**Flow chart "Regumat RTA-180" DN 32**



Subject to technical modification without notice.

Product range 6  
ti 159-1/10/MW  
Edition 2010

OVENTROP GmbH & Co. KG  
Paul-Oventrop-Straße 1  
D-59939 Olsberg  
Telephone +49 (0)29 62 82-0  
Telefax +49 (0)29 62 82-400  
E-Mail mail@oventrop.de  
Internet www.oventrop.de

For an overview of our global presence  
visit [www.oventrop.de](http://www.oventrop.de).