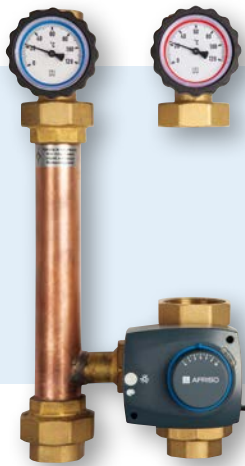


Heating pump assembly

PrimoTherm® 180-2 DN 32



- Pre-assembled, tightness-tested and heat-insulated assembly
- Compact design
- Available with high energy efficiency pumps class A and high-grade, robust mixer as well as actuator
- Easy and fast installation



Application Heating pump assembly for mixed heating circuits. It connects the heating boiler and the pipe system. With the 3-way mixer and the actuator, the flow temperature can be adjusted to a desired temperature by adding water from the return.

PrimoTherm® 180-2 is also available as version RTA. It can be used to increase the return temperature with solid fuel burners which have a controller for increasing the return temperature. The opening temperature must be set at this controller.

Description Complete, pre-assembled and tightness-tested heating pump assembly with all required functional components, form-fit insulation and wall mounting unit.

The pump line (flow/hot) consists of:

- Combination valve with thermometer in the hand wheel (red mark, range 0/120 °C)
- 3-way mixer KVS 16 with actuator ARM 343
- System connection G2 male (boiler) and additional screw connections G1¼ female x G1¼ female (heating circuit)

Suitable for pumps DN 32 with G2 x 180 mm.

The return line consists of:

- Combination valve, thermometer in the hand wheel (blue mark, range 0/120 °C)
- Pipe for length compensation with gravity brake and screw connection
- System connection G2 male (boiler) and additional screw connections G1¼ female x G1¼ female (heating circuit)

Technical specifications

Axis distance
125 mm

System connections
Boiler G1¼ female
Heating circuit G1¼ female

Operating temperature range
Medium: T_{max} 110 °C

System pressure
Max. 10 bar (observe maximum pressure of circulation pumps used)

Nominal size
DN 32

Flow coefficient NS
13.0 m³/h

Insulation
Polypropylene EPP

- Options**
- High-efficiency pump
WILO STRATOS Para 30 1-7 r. K.
 - Other circulation pumps
 - Mixer reduction kits for
flow coefficient NS 12.5, 10 and 6.3 m³/h

DG: G, PG: 2	Pump	Part no.	Price €
PrimoTherm® 180-2 DN 32 3WM-SM OP G1¼ female thread	Without pump	77553	
PrimoTherm® 180-2 DN 32 3WM-SM WP02 G1¼ female thread	WILO STRATOS PARA 30/1-7 r. K.	77554	

Heating pump assembly PrimoTherm® 180-2 DN 32

Dimensions (mm)

