Heating pump assembly Primo-Therm® K 180-1 DN25 GP

Part no. 77818

Heating pump assembly

benefits

- pre-assembled, tightness-tested and heat-insulated assembly
- modular system with flow at left or right
- easy, fast mounting
- available with high energy efficiency pump class A

NEW

Application

Heating pump assembly for use in non-mixed heating circuits, specially for storage tank charging. It connects the heating boiler and the pipe system.

Description

Comact, pre-assembled and tightness-tested heating pump assembly with all required functional components, form-fit heat insulation (complies with German Energy Saving Regulation) and wall mounting unit. Adhesive labels with pictograms allow for easy designation of the heating circuits.
The flow line consists of:
Combination valve with thermometer in the hand wheel (red mark, range 0/120 °C)
Ball valve below the pump
System connection G1½ male (boiler), G1 female (heating circuit) Suitable for pumps DN 25 with G1½ x 180 mm.
The return line consists of:
Combination valve with gravity brake, thermometer in the handle (blue mark, range 0/120 °C)
Pipe for length compensation with screw connection
System connection G1½ male (boiler), G1 female (heating circuit)

Technical Specifications

Axis distance
125 mm

system connections
Boiler: G1½ male
Heating circuit: G1 female

Operating temperature range
Medium: max. 95 °C
Medium: short-term 120 °C

System pressure
max. 10 bar

Nominal size
DN 25

Flow coefficient Kvs
7.6 m³/h

Heat insulation
Polypropylene EPP

Dimensions
W x H x D: 248 x 400 x 155 mm

Circulation pump
Grundfos UPM3 HYBRID 25-70/180

Length
180 mm

Degree of protection
IP 44 (EN 60529)

Supply voltage
AC 230 V, 50 Hz

Energy efficiency class
A

Power input
Grundfos UPM3 HYBRID 25-70/180
2 – 52 W

pumping head
Grundfos UPM3 HYBRID 25-70/180
max. 7 m

pumping volume
Grundfos UPM3 HYBRID 25-70/180
max. 3.6 m³/h

operating modes/settings
Grundfos UPM3 HYBRID 25-70/180
PWM-A (4),
PWM-C (4),
constant volume flow PP (3),
constant pressure CP (3),
constant speed of rotation CC (3)

Options
- Mixer and actuator, can be retrofitted
- other circulation pumps

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Versions

	opening temperature is reached	Pump		Part no.
Heating pump assembly PrimoTherm® K 180-1 DN25 GP		Grundfos UPM3 HYBRID 25-70/180	○	77818

● in-stock items

○ Non-stock items