



Heating pump assembly PrimoTherm® K 180-1 DN25 WP

Part no. 77819

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



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

Compact, 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 Kvs7.6 m³/h**Heat insulation**

Polypropylene EPP

Dimensions

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

Circulation pump

Wilo Para RS 25–180/6

Length

180 mm

Degree of protection

IP 44 (EN 60529)

Supply voltage

AC 230 V, 50 Hz

Options

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

Energy efficiency class

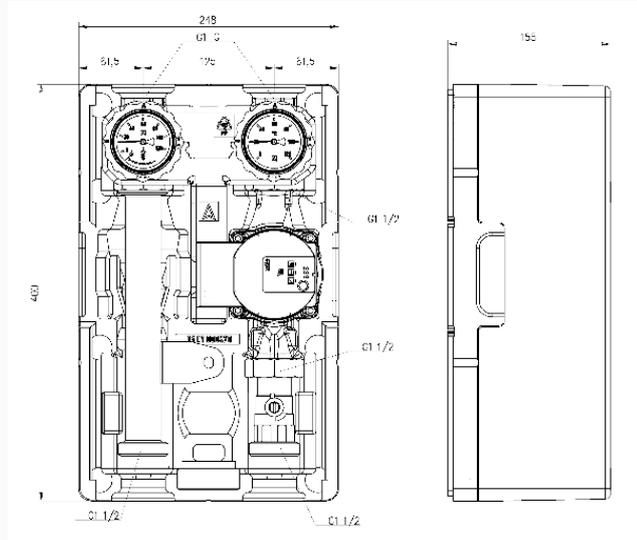
A

Power inputWilo Para RS 25–180/6
3 – 43 W**pumping head**Wilo Para RS 25–180/6
max. 6.7 m**pumping volume**Wilo Para RS 25–180/6
max. 3.2 m³/h**operating modes/settings**Wilo Para RS 25–180/6
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

Technical Drawings

PrimoTherm® K 180-1 with Wilo pump



Dimensions (in mm)

Versions

	opening temperature is reached	Pump	Part no.
Heating pump assembly PrimoTherm® K 180-1 DN25 WP		Wilo Para RS 25–180/6	77819

- in-stock items
- Non-stock items