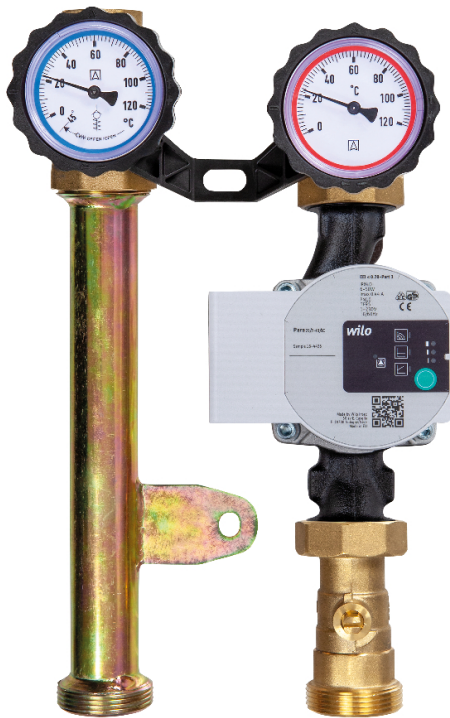




## Heating pump assembly PrimoTherm® K 180-1 DN25 WP

**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 Kvs**

7.6 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)

**Options**

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

**Supply voltage**

AC 230 V, 50 Hz

**Energy efficiency class**

A

**Power input**

Wilo 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),

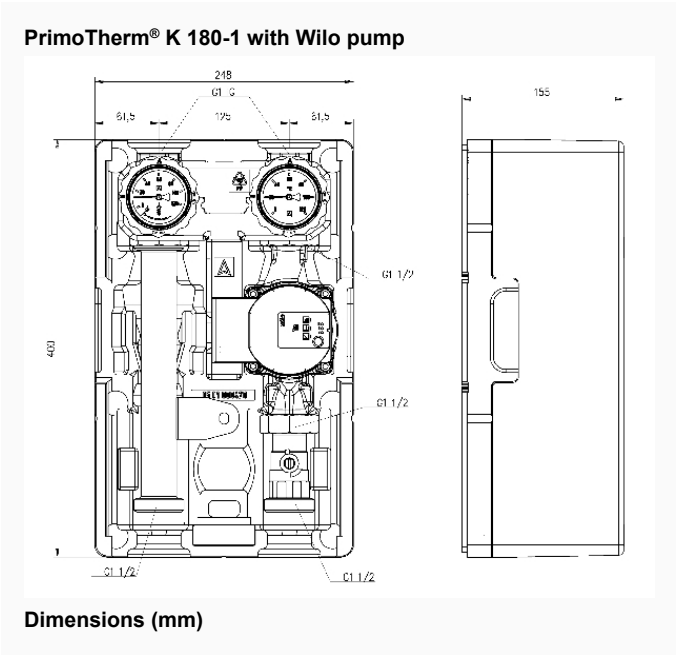
constant pressure CP (3),

constant speed of rotation CC (3)

**Options**

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

Technical Drawings



Versions

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

- in-stock items
- Non-stock items