



## Heating pump assembly PrimoTherm® 180-1 DN 25

Part no. 77643

Heating pump assembly

### benefits

- pre-assembled, tightness-tested and heat-insulated assembly
- modular system with flow at left or right
- easy, fast mounting
- with high-efficiency pump class A
- eligible for heating optimization program (BAFA)

### 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

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)

Ball valve below the pump

Pipe for length compensation with screw connection

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 (pump/mixer) 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. 110 °C

**System pressure**

max. 10 bar

**Nominal size**

DN 25

**Flow coefficient Kvs**

4.8 m<sup>3</sup>/h

**Insulation**

Polypropylene EPP

**Dimensions**

W x H x D: 250 x 475 x 152 mm

**Circulation pump**

Without circulation pump

**Power input**

Without circulation pump

**pumping head**

Without circulation pump

**pumping volume**

Without circulation pump

**operating modes/settings**

Without circulation pump

**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® 180-1 DN 25		Without circulation pump	77643

- in-stock items
- Non-stock items