Heating pump assembly Primo-Therm® K 180-1 DN32 GP

Part no. 79503

Heating pump assembly

benefits

- pre-assembled, tightness-tested and heat-insulated assembly
- compact design
- available with high energy efficiency pump class A
- easy, fast mounting

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

Complete, pre-assembled and tightness-tested heating pump assembly with all required functional components, form-fit insulation and wall mounting unit. System connection: Primary end (consumer) G1¼ female

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, suitable for use of pumps with 2" x 180 mm
System connection G1¼ female (heating circuit)

The return line consists of:
Combination valve with thermometer in the hand wheel (blue mark, range 0/120 °C)
Pipe for length compensation with gravity brake
System connection (boiler) G2 with screw connection G1¼ female (easy mounting and adapter G1½ AB for use with boiler manifold)

Technical Specifications

Axis distance
125 mm

system connections
Boiler: G1¼ IG
Heating circuit: G1¼ IG

Operating temperature range
Medium: max. 110 °C

System pressure
max. 10 bar
observe maximum pressure of circulation pumps used

Nominal size
DN 32

Flow coefficient Kvs
21 m³/h

Heat insulation
Polypropylene EPP

Dimensions
W x H x D: 248 x 480 x 170 mm

Circulation pump
Grundfos UPM3(K) HYBRID 32-70 180 (N)

Supply voltage
AC 230 V, 50 Hz

Power input
Grundfos UPM3(K) HYBRID 32-70 180 (N)

pumping head
Grundfos UPM3(K) HYBRID 32-70 180 (N)

pumping volume
Grundfos UPM3(K) HYBRID 32-70 180 (N)

operating modes/settings
Grundfos UPM3(K) HYBRID 32-70 180 (N)

Options
- with high-efficiency pump EEI 0,2

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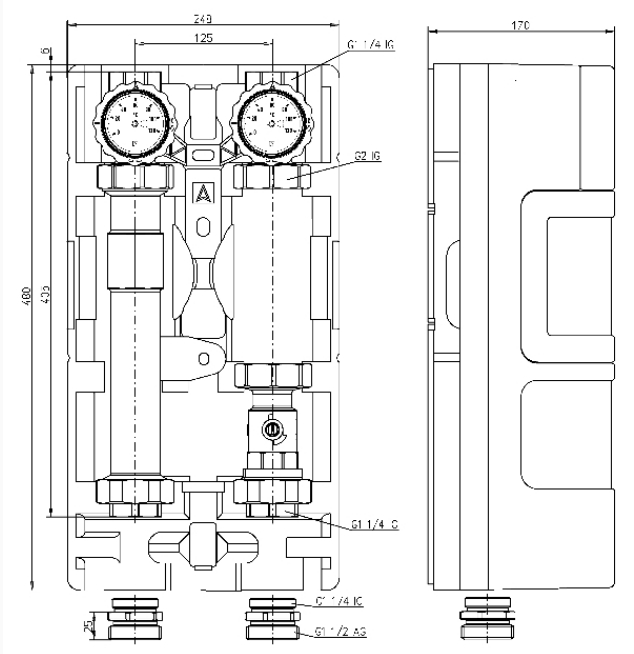
Technical Drawings



Dimensions (mm)

Versions

	opening temperature is reached	Pump		Part no.
Heating pump assembly PrimoTherm® K 180-1 DN32 GP		Grundfos UPM3(K) HY-BRID 32-70 180 (N)	○	79503

● in-stock items

○ Non-stock items