

Heating pump assembly PrimoTherm® K 180-1 DN32



Benefits

- Pre-assembled, tightness-tested and heat-insulated assembly
- Compact design
- Available with high energy efficiency pump class A
- Easy, fast mounting



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.

Versions

	Pump	Part no.
Heating pump assembly PrimoTherm® K 180-1 DN32	Without circulation pump	79501
Heating pump assembly PrimoTherm® K 180-1 DN32 GP	Grundfos UPM3(K) HYBRID 32-70 180 (N)	79503
Heating pump assembly PrimoTherm® K 180-1 DN32 WP	Wilo Para OPT 30-180/8-60/SC	79504

Blue part no. = in-stock items

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

Polypropylene EPP

Dimensions

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

Circulation pump

Without circulation pump

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

Wilo Para OPT 30-180/8-60/SC

Supply voltage

AC 230 V, 50 Hz

Options

- With high-efficiency pump EEI 0,2

Technical drawings

