



Heating pump assembly

Part no. 77338

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 made of high-grade polymer material with all required functional components, form-fit heat insulation and wall mounting unit.

The flow line consists of:

- Shut-off valve with thermometer holder (red handle)
- Thermometer flow (5 to 80 °C)
- Plastic pipe for length compensation
- Suitable for circulation pumps DN 20 with G1 x 130 mm

The return line consists of:

- Shut-off valve with thermometer holder (black handle)
- Thermometer return (5 to 80 °C)
- Gravity brake
- Plastic pipe for length compensation pump / mixer

Technical Specifications

Axis distance

90 mm

system connections

Boiler: G1 male

Heating circuit: G1 female

Operating temperature range

Medium: max. 60 °C at 6 bar,

max. 70 °C at 5 bar,

max. 90 °C at 3 bar

Nominal size

DN 20

Flow coefficient Kvs

5.7 m³/h

Heat insulation

Polypropylene EPP

Dimensions

W x H x D: 189 x 335 x 240 mm

Circulation pump

Grundfos UPM3 Auto 15-70/130

Length

130 mm

Degree of protection

IP 44 (EN 60529)

Supply voltage

AC 230 V, 50 Hz

Energy efficiency class

A

Power input

Grundfos UPM3 Auto 15-70/130

5 – 52 kW

pumping head

Grundfos UPM3 Auto 15-70/130

max. 7 m

pumping volume

Grundfos UPM3 Auto 15-70/130

max. 3.75 m³/h

Proportional pressure control

1

Constant pressure control

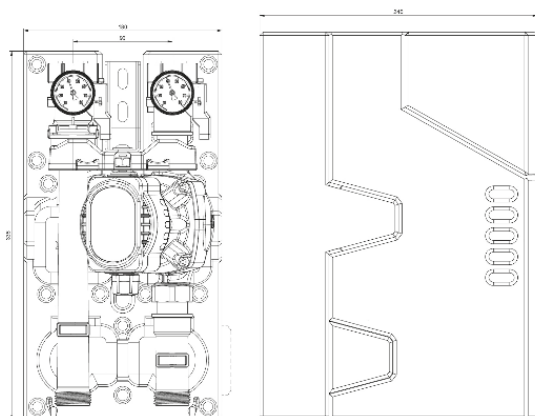
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Fixed speed of rotation

1

Technical Drawings

PrimoTherm® C 130-1 with AFRISO pump



Dimensions (mm)

Versions

	opening temperature is reached	Pump		Part no.
Heating pump assembly		Grundfos UPM3 Auto 15-70/130		77338

- in-stock items
- Non-stock items