PUMPS & CONTROLS

Grundfos UPM3 Flex 25-70 A-Rated Circulation Pump 130mm, PWM-ready, up to 7m head.

An A-rated Grundfos circulator for underfloor heating and domestic heating. A heat pump or boiler can set its speed by PWM signal; without a signal it runs at full speed on the curve you choose. It fits a standard 130mm pump position with 1½" unions.

CODE

MH-PUMP-UPM3F-2570



01 · KEY FEATURES

Why installers use it

- **PWM speed control.** Plug-in power and PWM signal connectors let a heat pump or boiler control the pump speed.
- **Constant curve settings.** Fixed speed settings when there's no PWM signal.
- **Up to 7m head.** For UFH manifolds and heating circuits.
- **Low running cost.** A-rated, with an EEI of 0.20 or less.

IN THE BOX

Pump

7 m	130 mm	10 bar
MAX HEAD	PORT TO PORT	MAX SYSTEM PRESSURE

02 · SPECIFICATION

Technical data

Max head	7m
Port to port	130mm
Connections	G 1½" unions
Supply	1 x 230V, 50Hz
Power	2 to 52W
Energy	A-rated, EEI ≤ 0.20
Max system pressure	10 bar
Liquid temperature	2 to 110°C
Min inlet pressure	0.5 bar at 95°C
Enclosure	IP44, about 1.9kg
Unions	1½in
Energy rating	A-rated, EEI ≤ 0.20
Connectors	Plug-in power and PWM signal

03 · DESIGN HELP

Send us your plans

For design help, send your plans to **sales@maxheatufh.com** or plan loops with **MaxHeatUFH ProLoop** at maxheatufh.com.

04 · ORDER CODE

MH-PUMP-UPM3F-2570.

One code for this product. Check the specification on page 1 before you order.

05 · PUMP CURVES (GRUNDFOS DATA)

CURVE	MAX HEAD	MAX POWER (P1)
1	5m	33W
2	6m	39W
3	7m	52W

Supply 1 x 230V, 50Hz. Power 2 to 52W.

06 · WORKS WITH

Complete the system



Grundfos Replacement Pump Power Cable (UPM3)



UFH Non-Mixing Pump Set (No Pump) or UFH Manifold Blending Valve 20 to 55°C (Valve Only) to build your own pack



Blending Valve Pump Pack with Grundfos UPM3 Flex if you want it ready assembled



Single Room UFH Mixing Pump Pack (Valve Only)

ALSO WORKS WITH

UFH Manifold Blending Valve 20 to 55°C (Valve Only)

07 · FITTING AT A GLANCE

Full steps in the install manual

1. Isolate the power. Close the valves on both sides of the old pump, or drain down, before taking it out.
2. Fit the pump with new gaskets so the arrow on the body points the way the water flows. The motor shaft must be horizontal (within 5°).
3. If the terminals face the wrong way, take out the pump head screws, turn the control box in 90° steps and refit the screws.
4. A qualified electrician connects the power cable, to BS 7671. For speed control, plug in the PWM signal cable from the heat pump or boiler.

08 · QUESTIONS

Asked by installers

Will it fit my pump pack?

It has a 130mm body and 1½in unions, which is the pump size our valve-only UFH packs take.

Can my heat pump control it?

Yes, if the heat pump has a PWM output. Connect it to the pump's PWM signal connector. Without a signal it runs on the setting you choose on the pump.

SCAN ME

Watch how it works and fits

Point your phone camera at the code to watch the video for this product.

DESIGN HELP, TRADE ACCOUNTS AND ORDERS

sales@maxheatufh.com **07539 499069**

WEB
maxheatufh.com

DELIVERY
Order by 12pm for next working day delivery