PUMPS & CONTROLS

UFH Non-Mixing Pump Set with Grundfos UPM3 Flex

Heat pump circulation pack, PWM-ready pump.

A pre-assembled non-mixing UFH pump set, also called a heat pump circulation pack, with a Grundfos UPM3 Flex 25-70 130. It is for heat pump and other low-temperature systems where no blending valve is needed, and the heat pump can set the pump speed by PWM.

CODE

MH-PUMPSET-NONMIX



01 · KEY FEATURES

Why installers use it

- **Made for heat pumps.** No blending valve, so nothing holds back a low flow temperature.
- **PWM-ready Grundfos pump.** The heat pump can control the pump speed.
- **Up to 7m head.** With constant curve (fixed speed) settings when there's no PWM signal.
- **One of our best sellers.** Pre-assembled and ready to bolt on.

IN THE BOX

Pre-assembled pump set

02 · SPECIFICATION

Technical data

Mixing	None (no blending valve)
Mounting	Bolts onto the manifold
Pump	Grundfos UPM3 Flex 25-70 130
Pump settings	3 curves, 5m, 6m or 7m max head; PWM speed control
Pump power	2 to 52W, 1 x 230V 50Hz
Pump energy	A-rated, EEI ≤ 0.20
Pump liquid temperature	2 to 110°C
Pump control	PWM, or pump settings

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-PUMPSET-NONMIX.

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



Auto-Balancing Stainless Steel UFH Manifold



2-Wire Thermal Actuators 230V



Grundfos Replacement Pump Power Cable (UPM3)

ALSO WORKS WITH

Heat pump connection

07 · FITTING AT A GLANCE

Full steps in the install manual

1. Unpack and check every part is there and undamaged.
2. Offer the set up to the manifold flow and return connections and tighten the joints evenly.
3. Fix the manifold and pump set firmly to the wall.
4. Connect the heat pump flow and return, with ball valves to isolate the set.

08 · QUESTIONS

Asked by installers

When should I use a non-mixing set?

When the heat source already runs at floor temperature, as most heat pumps do. If the boiler runs hotter than the floor needs, choose a blending valve pump pack .

Is it ready to fit?

Yes. It's supplied pre-assembled and bolts straight onto the manifold.

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

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WEB
maxheatufh.com

DELIVERY
Order by 12pm for next working day delivery