

ALPHA2 GO

Designed for both standalone and integrated circulators in domestic heating applications, the new ALPHA2 GO provides enhanced comfort and energy savings for residents. For installers, ALPHA2 GO simplifies commissioning, takes the guesswork out of achieving efficient systems with guided setup, and makes pump replacements quick and hassle-free.

Key features

- Easy replacement of integrated UPM3 and UPM4 circulators and stand-alone
- Guided setup
- Improved AUTOADAPT for radiators and floor heating
- Air detection and system venting
- Dry-running protection
- Improved wiring
- Robust startup
- Display read-out

Grundfos GO



The Grundfos GO app is a digital toolbox that helps you work more efficiently with the ALPHA2 GO. By answering a few questions through the Grundfos GO app, guided setup ensures the correct control mode and setpoint are chosen, providing optimised comfort and reduced energy consumption.



The ALPHA2 GO connects directly to the Grundfos GO app, allowing it to mimic the performance of the integrated UPM3 and UPM4 circulators being replaced, and is enhanced by a range of features that simplify installation, commissioning, and troubleshooting.



Benefits

-  Fast replacement
-  Simpler and more accurate commissioning
-  Energy savings and enhanced comfort for residents
-  Reduced callbacks
-  Quicker and easier maintenance and troubleshooting



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Possibility in every drop

ALPHA2 GO in more detail

Robust startup

The non-magnetic shaft and bearings reduce the risk of blockages from dirt or magnetite while the bearing system helps prevent limescale build-up. If the pump does get blocked, the motor will continuously restart at the highest possible torque.

Dry-running protection

The ALPHA2 GO will stop if dry-running is detected to prevent damage and avoid a breakdown.

Guided setup

By answering a few questions through the Grundfos GO app, guided setup ensures the correct control mode and setpoint are chosen, ensuring optimized comfort and reduced energy consumption.

Easy replacement of integrated UPM3 and UPM4 circulators

The ALPHA2 GO connects directly to the Grundfos GO app, allowing it to mimic the performance of the integrated pump being replaced.

Easy wiring

The ALPHA2 GO comes with a toolless connector which enables wiring to be done outside the pump.

Trend data

Available through the Grundfos GO app, trend data allows users to track the circulator pump's performance over time, identifying patterns in flow rate, pressure, temperature and on-cycle time for easier fault finding.

Improved AUTOADAPT for radiators and underfloor heating

AUTOADAPT continuously adapts to system demands for optimal comfort, low energy consumption, less wear and tear, and simple commissioning.

Air detection and system venting

The air detection feature allows the pump to detect air around the impeller. If air is detected, the pump will start to pulsate to effectively push air to the closest air removal device.

Display read out

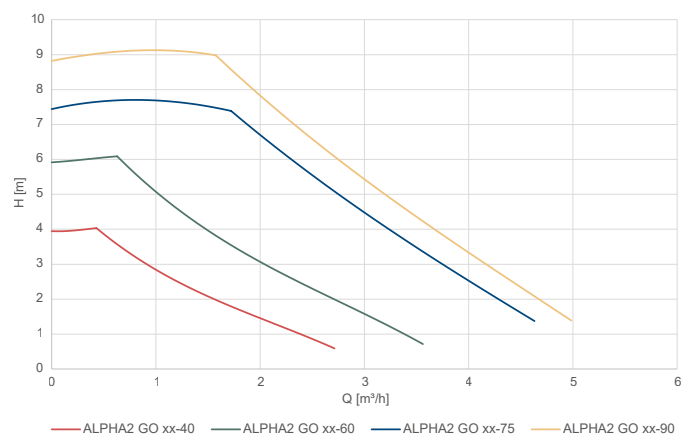
An HMI display provides clear feedback on system performance, showing the circulator's flow, head or power, making it easier to monitor and adjust settings.

Technical specifications

Feature	
Max flow*	4,8 m ³ /h
Max head*	9 m
Max Power input*	90 W
Supply Voltage	1 × 220-240 V, 50/60 Hz
Energy Efficiency Index (EEI)	≤ 0,16 to 0,20*
Acoustic sound pressure level (Lp)	< 25 dB(A)
Enclosure class	IP44 K-version: IPX4D
Pipe connection*	G1, G1 1/2, G2
Port to port length*	130 mm, 180 mm
Ambient temperature	55 °C 70 °C
Media temperature*	-10 to 110 °C -10 to 75 °C K-version: K-version: -20 to 110 °C -20 to 75 °C

*Depending on variant

Performance curve



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