

# ARE YOU READY FOR THE NEXT STEP IN CIRCULATOR PUMPS?



**THE NEW  
UPSe**

**THE FULLY  
DIGITAL ALPHA**



[grundfos.to/learn](https://grundfos.to/learn)

**Scan to learn more  
about our range of  
residential solutions**

Find out more at  
[grundfos.us/digitalnext](https://grundfos.us/digitalnext)

**GRUNDFOS** 

Possibility in every drop

# GRUNDFOS ALPHA 15-58 AT-A-GLANCE

ALPHA is a high-efficiency circulator fitted with an electronically commutated motor and designed for circulating liquids in heating and cooling systems. The pump features the highest energy rating on the market.

## KEY FEATURES AND BENEFITS



### MORE FLEXIBLE INSTALLATIONS

A smaller conduit box helps with installations in small spaces and a toolless lever connector allows wiring outside of the conduit box. The power connector can be fitted with AWG 20 – AWG 12 wires.



### ENHANCED MAINTENANCE FEATURES

The ALPHA range offers a **self-venting function** that automatically bleeds the pump, an **unblocking feature** that can shake blockages loose, and **dry-run protection** that automatically stops the pump if air is detected in the system.



### GUIDED COMMISSIONING

The ALPHA range also benefits from Grundfos GO app integration and can provide guided commissioning which helps save time when finding the right settings for the pump application and ensures the lowest possible electrical bill and low energy consumption. **ALPHA connects via Bluetooth** directly to the app, so no separate communication dongle is required.



### AUTO ADAPT

AUTOADAPT control modes allow the ALPHA to adjust to external factors. It constantly analyzes the system and determines the right pressure based on the information gathered. This ensures optimal comfort at the lowest possible cost – at all times.



### INTUITIVE DIGITAL TROUBLESHOOTING

Easily identify and overcome pump problems the Grundfos GO app. Simply connect to the pump via Bluetooth and the app can help you understand and fix issues, as well as access historical trend data.



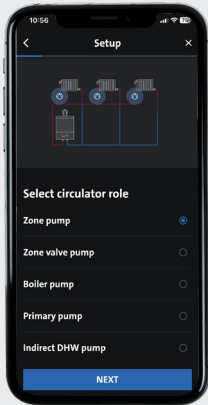
Fault chart

Grundfos mini Eye	Code on operating panel	Code in Grundfos GO	Fault
	E1	51	Blocked motor
	E2	40	Undervoltage
	E3	29	Forced pumping
		4	Overvoltage
		72	Internal fault
		76	Internal fault
		85	Internal fault
	E4	57	Dry running
	E3	43	Impellers forced forward
	*	35	Air in media

\* This error is not shown on the operating panel. It is logged and can be seen in Grundfos GO.

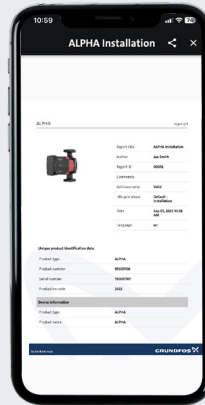
# GRUNDFOS GO APP FEATURE HIGHLIGHTS

With Grundfos GO, you can control pumps and monitor duty points, power consumption, settings, and temperature via Bluetooth technology. Grundfos GO is always online, always updated, and always ready to use – wherever and whenever you need it.



## Guided Setup

After the pump is connected to Grundfos GO, we recommend that you follow the guided setup in Grundfos GO. The guided setup helps you to select the optimal settings for the current system. By choosing the optimal settings, you can lower the energy consumption and prevent potential noise problems. If you select Use default settings, the pump uses the factory setting, constant curve (zone pump), AUTOADAPT.

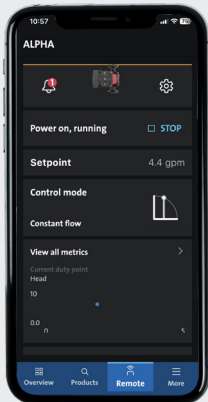


## Commissioning Report

Once the pump has been commissioned, the installer can create a detailed, electronic commission report that can be saved for future reference and shared with other stakeholders directly from the app.

### The report contains:

- Detailed pump information (Model, Serial Number, Product Code)
- Date of installation
- Performance Data
- System Settings
- Alarms and Warnings
- Historical Data



## Dashboard

The dashboard provides a full overview of pump's operation and settings.

### From this screen the installer can:

- Start or stop the pump.
- Change the control mode or setpoints.
- Review alarms and trend data.
- Access advanced settings such as panel lock, venting conditions, and firmware updates.



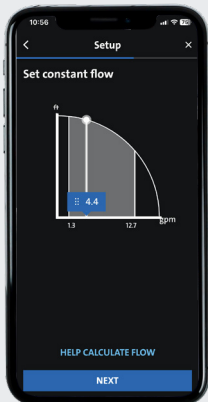
## Trend Data

In the Trend data menu in Grundfos GO, you can see system data for the last 10 or 100 on-cycles.

### You can see the following data:

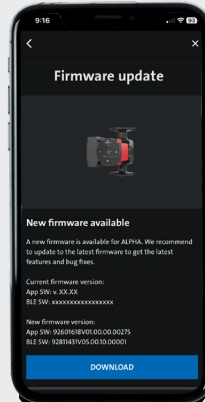
- Duration of each on-cycle
- Flow
- Head
- Estimated media temperature.

You can use the trend data for system optimization and fault finding.



## Flow Calculator

The Grundfos Go Flow Calculator offers the installer the ability to input specific heat load requirements for each zone. The calculator will calculate the most efficient flow rate based on friction loss, delta T, and btuh algorithms loaded into the software. Using the flow calculator ensures maximum comfort and energy savings.



## Firmware Updates

Once connected to Grundfos GO, the app automatically checks if the product has the latest firmware installed. If a newer version is available, a red dot in Settings menu will appear in Grundfos GO with the text Firmware update available.

Follow the guide in Grundfos GO to install the firmware update.



Download today from Apple or Google stores.



SCAN TO DOWNLOAD



APPLE APP STORE

SCAN TO DOWNLOAD



GOOGLE PLAY



# GRUNDFOS UPSe 15-58 AT-A-GLANCE

UPSe is a high-efficiency circulator designed for heating systems. It offers high energy savings compared to traditional non-ECM pumps and three control modes that make it suitable for any heating application.

## KEY FEATURES AND BENEFITS



### MORE FLEXIBLE INSTALLATIONS

A smaller conduit box helps with installations in small spaces and a toolless lever connector allows wiring outside of the conduit box. The power connector can be fitted with AWG 20 – AWG 12 wires.



### POWERFUL UNBLOCKING FEATURE

To reduce the risk of blockages, the pump is built with non-magnetic shafts and bearings. Should a blockage occur, the pump will try to shake the rotor loose by shifting between different torque levels.



### INTELLIGENT DRY-RUN PROTECTION

To avoid unwanted pump breakdowns caused by dry running, the UPSe includes a built-in dry-run protection feature to stop the pump if water is not detected in the system.



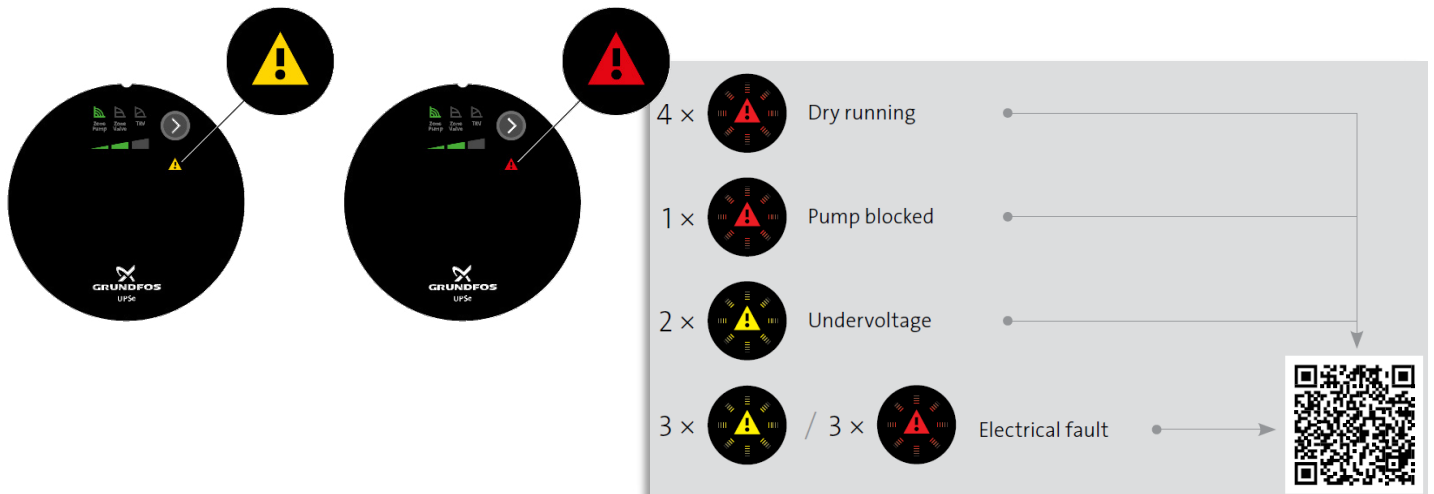
### AUTOMATIC SELF-VENTING

To avoid unwanted noise and reduced performance, UPSe pumps are self-venting for faster setup and less call-backs. No matter which setting / speed you choose, the pump will bleed itself by pushing the air out into the system towards the closest air vent.



### INTUITIVE TROUBLESHOOTING

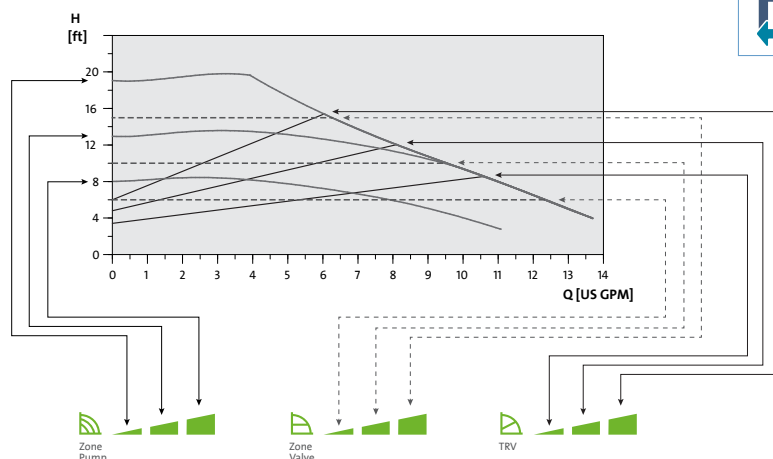
To help you quickly identify and overcome problems, UPSe features a warning and alarm light with specific colors and blinking patterns.



SCAN FOR UPSe TROUBLESHOOTING

# UPSe 15-58 PRODUCT OFFERING

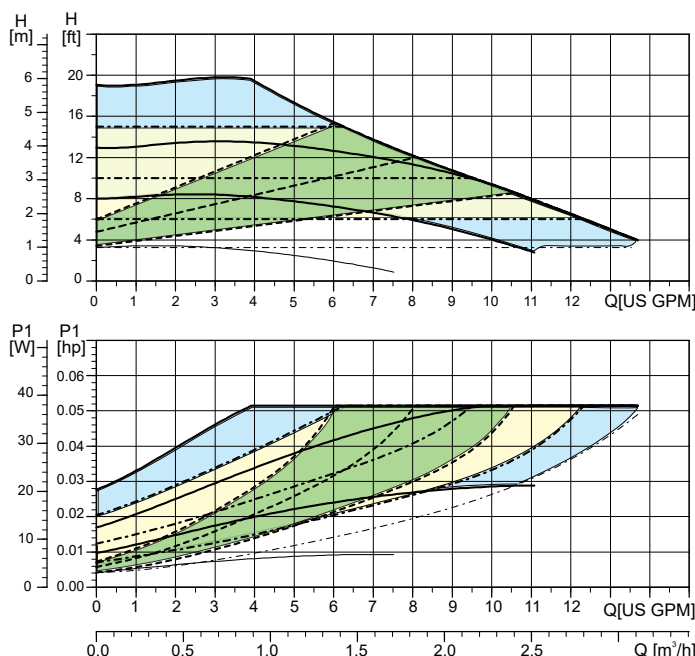
MODEL	DESCRIPTION
UPSe 15-58 F PART#: 92603106	Cast iron flange with check valve
UPSe 15-58 FR PART #: 92603107	Cast iron rotated flange with check valve



	Min (W)	Max (W)
Constant Curve I	7	21
Constant Curve II	12	38
Constant Curve III	20	38
Constant Pressure I	5	27
Constant Pressure II	9	38
Constant Pressure III	15	38
Proportional Pressure I	3	38
Proportional Pressure II	4	38
Proportional Pressure III	5	38

# ALPHA 15-58 PRODUCT OFFERING

MODEL	DESCRIPTION
ALPHA 15-58 FC PART#: 92603115	Cast iron flange with check valve
ALPHA 15-58 FRC PART#: 92603108	Cast iron rotated flange with check valve



Line type	Description
————	Constant curve
-----	Proportional pressure
- . - . - .	Constant pressure
-----	Minimum Constant pressure
-----	Minimum Constant curve
■	Constant curve AUTOADAPT
■	Constant pressure AUTOADAPT
■	Proportional pressure AUTOADAPT

# MAIN FEATURES - QUICK VIEW



Model	Part Number	Description
<b>UPSe</b>		
UPSe 15-58 F	92603106	Cast Iron, 115V, 1/20 Hp, 2-Bolt Flanged Housing, GF 15/26
UPSe 15-58 FR	92603107	Cast Iron, 115V, Rotated Flange Mount 1/20 Hp, 2-Bolt Rotated Flanged Housing, GF 15/26
<b>ALPHA</b>		
ALPHA 15-58 F	92603115	Cast Iron, 115V, 1/20 Hp, 2-Bolt Flanged Housing, GF 15/26
ALPHA 15-58 FR	92603108	Cast Iron, 115V, Rotated Flange Mount 1/20 Hp, 2-Bolt Rotated Flanged Housing, GF 15/26

## Competitor cross reference

Model	Grundfos	TACO	B&G	Armstrong
UPSe	UP 15-42	007/007e	NRF-9F/LW	ASTRO 225
	UPS 15-58	008	NRF-25, 33	ASTRO 230
	ALPHA1 15-55	0015/0015e3	ecocirc 19-14	ASTRO 250
	ALPHA2 15-55	0018e	ecocirc 19-16	Compass H20-20
			ecocirc 20-18	
ALPHA	UP 15-42	007/007e	NRF-9F/LW	ASTRO 225
	UPS 15-58	008	NRF-25, 33	ASTRO 230
	ALPHA1 15-55	0015/0015e3	ecocirc 19-14	ASTRO 250
	ALPHA2 15-55	0018e	ecocirc 19-16	Compass H20-20
			ecocirc 20-18	

## Cover all your needs with the pumps of the future

### UPSe

- Suitable for constant operation
- Robust start-up
- Dry-run protection
- New tool-free wiring
- Most efficient pump in its class!
- One pump replaces over 30 models



### ALPHA

- AutoADAPT
- 3-modes of AutoADAPT
- Bluetooth connection
- Intuitive touch screen interface
- Displays GPM/Watts/Feet-head
- Upsell from the UPSe models



For additional information, contact: