

Fully Digital Energy Efficient Circulator

GRUNDFOS ALPHA

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.

ALPHA is designed with intelligent controls featuring a constant-pressure, proportional-pressure and constant curve, each with three settings as well as an AUTOADAPT setting, removing the need to manually select the pump setpoint.

The new toolless, removeable power connector results in fast and easy installation. Fewer callbacks can be expected due to its robust startup, self-venting ability and dry-running protection. A system air detection and venting mode can be activated through the Grundfos GO app.

The Grundfos GO app also provides the ability to conveniently troubleshoot your system through the event log, run guided setup, set custom control modes and run firmware updates. Historical trend data for flow, head, media temperature and on-cycle durations is also available through the app.

A terminal box with conduit connections is provided for power connection.



KEY FEATURES AND BENEFITS

Versatile installation solution

- Suitable for use as drop-in replacements for most models on the market
- A smaller conduit box helps with installations in small spaces and a toolless lever connector enable wiring to be done outside the conduit box

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 no 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

AUTOADAPT

- AUTOADAPT control modes allow the ALPHA to adjust to external factors such as changes in consumption patterns and system load. 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.



Awarded the current highest energy rating by the Hydraulics Institute. With an energy rating of 193, ALPHA pumps offer optimal comfort at the lowest possible energy cost.

APPLICATIONS

- Heating
- Cooling

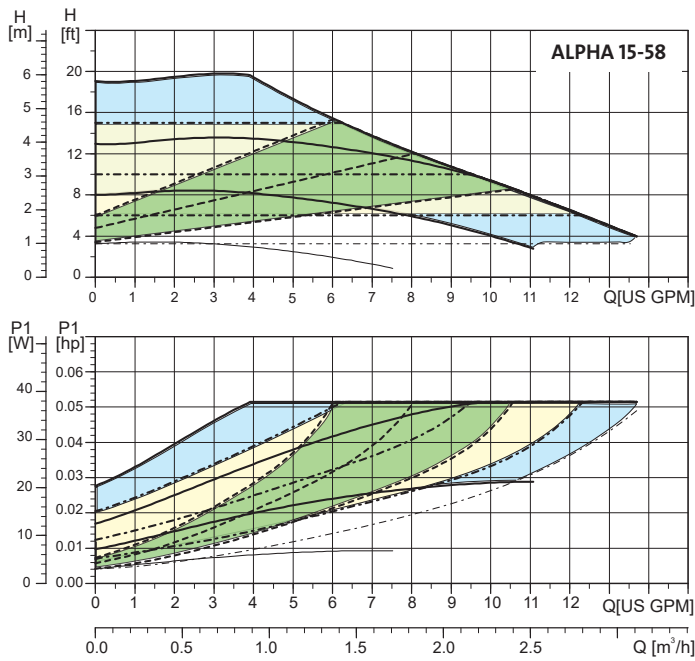
TECHNICAL DATA

ALPHA	
FLOW, Q:	max. 13.6 gpm
HEAD, H:	max. 19 ft
MOTOR:	1 x 115V
LIQUID TEMPERATURE:	36° F to 230° F
WORKING PRESSURE:	max. 175 psi
WATTS:	2-38 W
AMPS:	0.70 A
APPROVALS:	cULus and FCC

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

PERFORMANCE DATA



Line type	Description
—	Constant curve
- - - -	Proportional pressure
- · - · -	Constant pressure
· · · ·	Minimum Constant pressure
—	Minimum Constant curve
■ (light blue)	Constant curve AUTOADAPT
■ (yellow)	Constant pressure AUTOADAPT
■ (green)	Proportional pressure AUTOADAPT

CROSS REFERENCE CHART

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