

# Energy Efficient Circulator

## GRUNDFOS UPSe

UPSe is a high-efficiency circulator fitted with an electronically commutated motor (ECM). It has been designed for circulating liquids in heating and cooling systems and offers the highest energy savings on the market.

The pump features a wide range of controls, including constant pressure, proportional pressure, and constant curve, each with three settings, making it suitable for almost any hydronic application. And, the Grundfos GO app's replacement compatibility check makes it easier than ever to select the right replacement pump.

The new toolless, removeable power connector results in fast and easy installation. Fewer call-backs can be expected due to its robust startup, self-venting ability, and dry-run protection. Troubleshooting is also fast and easy with error codes displayed on the pump interface.

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



### KEY FEATURES AND BENEFITS

#### Versatile replacement solution

- Suitable replacement for most models on the market.

#### 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.

#### 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.

#### Intuitive troubleshooting

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



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

#### APPLICATIONS

- Heating
- Cooling

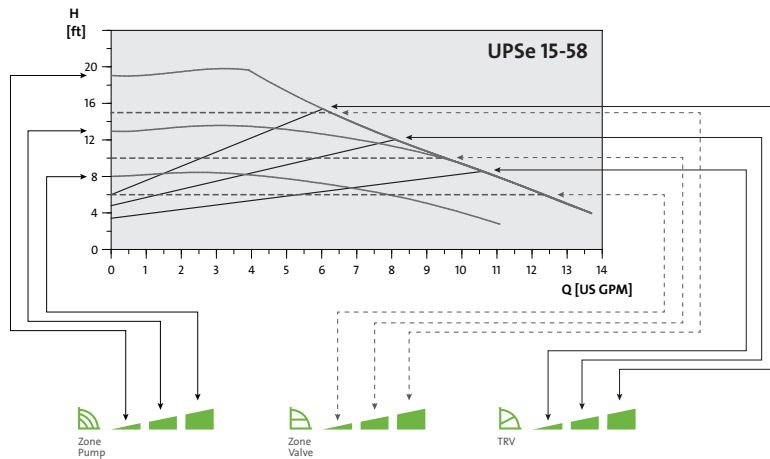
## TECHNICAL DATA

UPSe	
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:	3-38 W
AMPS:	0.70 A
APPROVALS:	cULus and FCC

## 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

## PERFORMANCE DATA



	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

## CROSS REFERENCE CHART

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