

# GRUNDFOS BULLETIN DISTRIBUTION FORM

**Title:** Introducing the new ALPHA1 Circulator with Three Constant-Pressure Settings

**Bulletin Number:** AL-2017-05-09

**To:** Grundfos Partners

The new ALPHA1 circulator is now available for sale in the U.S. and Canada.

Grundfos is expanding its line of energy-efficient ALPHA circulator pumps with the variable-speed ALPHA1, which has three constant-pressure settings that can replace every single-speed and 3-speed circulator in its class.

The flexibility of this highly energy-efficient, permanent magnet motor (ECM) pump will enable distributors to reduce the number of models they stock on their shelves and installers to reduce the number of pumps on their truck.

The ALPHA1 features three constant-pressure control modes and builds on the current line of Grundfos ALPHA2 circulators with AUTOADAPT - providing customers with more flexibility to select the right circulator for their heating, cooling and hot water recirculation applications.

## Key features and benefits of the ALPHA1 include:

- Replaces more than 30 other pump models
- Designed by Grundfos and built in our Fresno, California plant
- Features the highest torque rating and most powerful start feature in its class which attempts to restart indefinitely every seven seconds in blocked rotor conditions
- Magnetite resistant design with a stainless-steel bearing plate, robust ceramic shaft and ceramic bearing rings
- Extremely quiet 19.2 dB(A) operation
- Three constant-pressure control modes with easy to use push button settings
- Large LED display shows energy consumption and flow indicator
- Compatible with either a line cord or terminal box for conduit connections
- Integrated check-valve and nut captures for flanges
- Available in both cast iron and stainless steel models

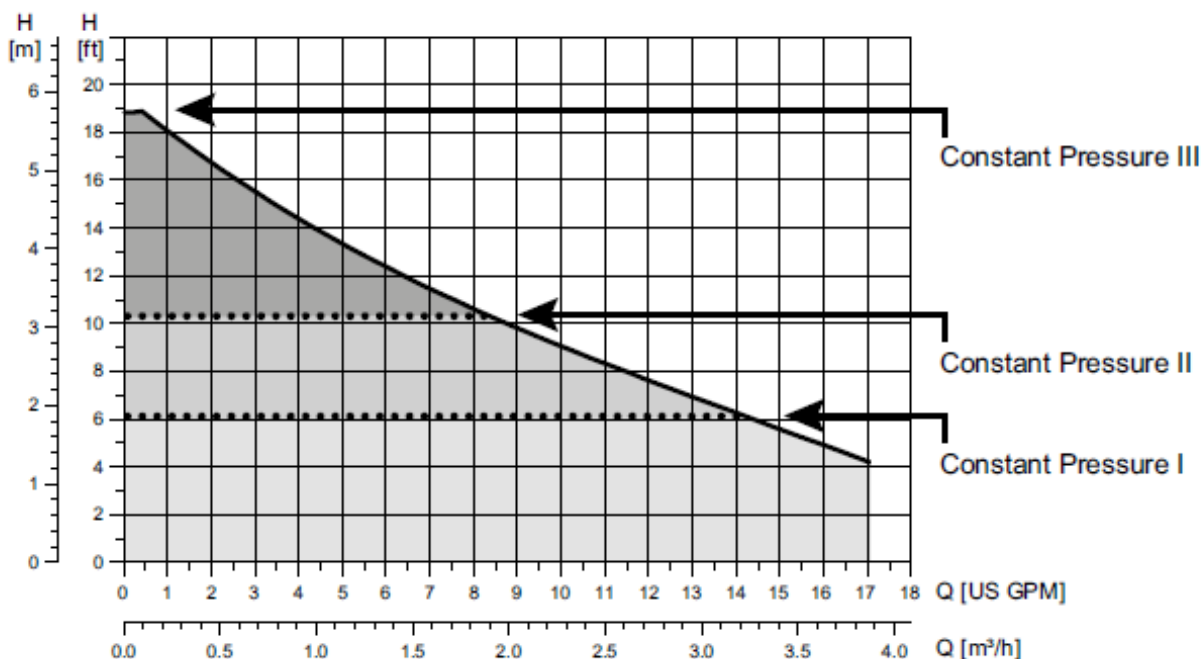
## ALPHA1 Product Information:

| ALPHA1 Technical Data |                              |
|-----------------------|------------------------------|
| Flow Q:               | max. 21 gpm (80 lpm)         |
| Head, H:              | max. 19 ft. (5.8 m)          |
| Motor:                | 1 x 115V                     |
| Liquid temp.:         | 36°F to 230°F (2°C to 110°C) |
| Working Pressure:     | Max. 150 PSI                 |
| Watts:                | 5-45 W                       |
| Amps:                 | 0.65 A                       |
| USA Approvals:        | ETL, NSF 61, NSF 372         |

| Product Number | Model             | Description                                |
|----------------|-------------------|--|
| 99287256       | ALPHA1 15-55F     | Cast iron flange with terminal box         |
| 99285259       | ALPHA1 15-55FR    | Cast iron rotated flange with terminal box |
| 99287262       | ALPHA1 15-55SF    | Stainless flange with terminal box         |
| 99285998       | ALPHA1 15-55F/LC  | Cast iron flange with line cord            |
| 99287244       | ALPHA1 15-55FR/LC | Cast iron rotated flange with line cord    |
| 99287250       | ALPHA1 15-55SF/LC | Stainless flange with line cord            |

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## Pump Curve & Operation:



TM06 8910 1417

### Constant Pressure III / II / I

The duty point of the pump will move left and right along the highest, middle or lowest constant-pressure curve depending on the control setting and water demand in the system.

### Cross Reference Chart:

The Grundfos ALPHA1 can replace the pump models listed below:

| GRUNDFOS    | TACO          | B&G                 | ARMSTRONG     | WILO               |
|-------------|---------------|---------------------|---------------|--------------------|
| UP 15-10F   | 005-F2 (2-3)  | NRF-9F/LW           | Astro 20      | Star S 16FX        |
| UP 15-42F   | 006-F7        | NRF-22              | Astro 25      | Star S 21FX        |
| UPS 15-42F  | 007-F5 (5)    | NRF-25              | Astro 30      | Star S 21RFC       |
| UPS 15-58FC | 008-F6 (1)    | NRF-9F/LW           | Astro 230CI   | Stratos ECO 16 RFC |
|             | 008-F6-3      | Ecocirc 19-14 vario | Astro 250CI   |                    |
|             | 00R-F6-1      | Ecocirc 19-14 auto  | Compass 20-20 |                    |
|             | 00R-MSF       |                     |               |                    |
|             | 0015-MSF3 (1) |                     |               |                    |
|             | 007e          |                     |               |                    |
|             | 0015e         |                     |               |                    |
|             | VT2218        |                     |               |                    |
|             | VR1816        |                     |               |                    |

### Marketing Support

To help you inform customers about the new ALPHA1, Grundfos has developed a wide range of marketing and sales material for your use. The material can be accessed by downloading our launch package.

Download the launch package:

<http://us.grundfos.com/content/dam/GPU/Products/ALPHA1/ALPHA1-Launch-Package.zip>

*Please note: New Launch package materials will be added frequently over the next few weeks – please check back often for new items.*

## GRUNDFOS BULLETIN DISTRIBUTION FORM

For more information on the ALPHA1, please visit: <http://us.grundfos.com/alpha.html>

Sincerely,

**Kirk Vigil**  
Director of Sales  
DBS Trade Business Unit  
Grundfos