

High-Efficiency Circulator

GRUNDFOS ALPHA 15-55 HWR-D

The ALPHA 15-55 HWR-D is a hot water recirculation pump started via a push button when a demand for hot water is identified within the occupancy. The push button will activate the pump via a Bluetooth signal and will run until the water entering the water piping reaches a temperature of 102°F, as indicated by the external temperature sensor, or has been operating continuously for 5 minutes. This innovative design is built on the current Grundfos ALPHA platform, offering high energy savings, low noise levels and a quick installation.

The ALPHA platform is a high efficiency platform with a permanent magnet motor (ECM). The ECM motor design reduces energy consumption by up to 50 percent and is built on over 17 years of Grundfos ECM experience, making it the most energy efficient product in the market. The pump functionality allows the homeowner to only run the hot water recirculation pump when there is demand, saving thousands of gallons of water a year.

All controls and software are built into the product by Grundfos making installation simple and intuitive troubleshooting if necessary. The ALPHA 15-55 HWR-D is an innovative, technologically advanced, energy efficient, and water saving solution for pump hot water recirculation.



KEY FEATURES AND BENEFITS

- Plug-and-play design (115V)
- Meets California Title Code 24
- Designed with trusted ECM technology, which has been used by Grundfos for more than 17 years
- LED light indicators for pump settings and alarms
- Easy to use push button control settings
- Accessories available for installation flexibility
- All components built by Grundfos
- Bluetooth signal range of up to 300 feet (free air)
- Wireless communication, no wiring required
- Suitable for tankless water heater systems

APPLICATIONS

- Hot water recirculation

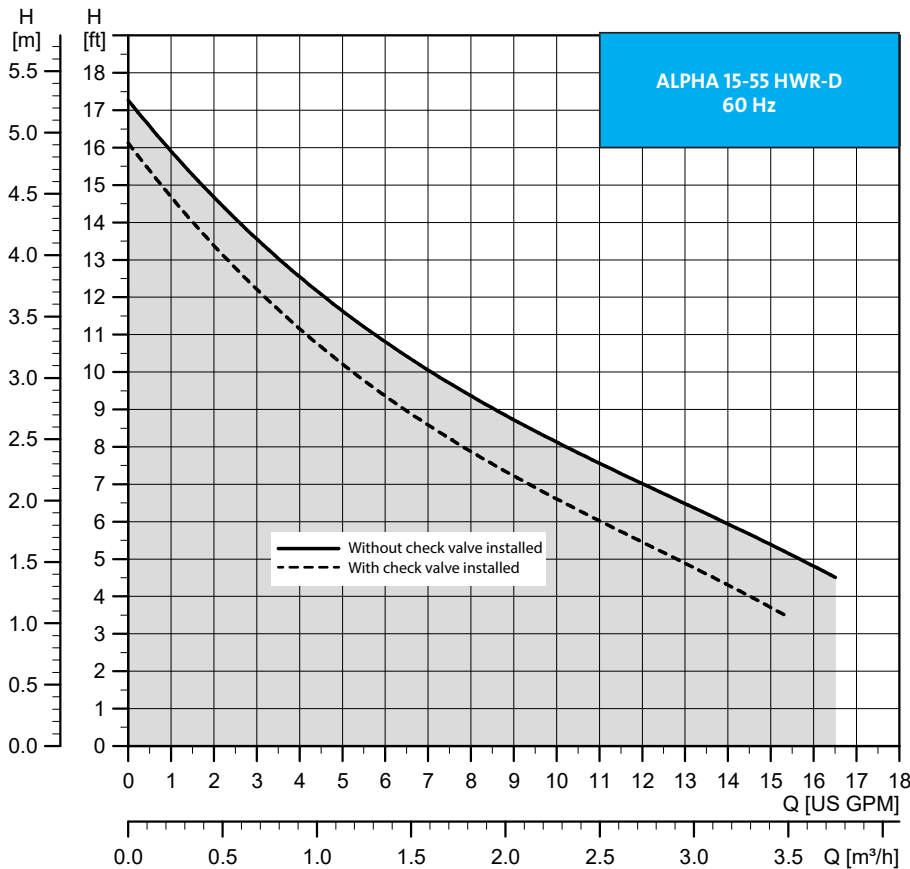
TECHNICAL DATA

| ALPHA 15-55 HWR-D | |
|----------------------|---------------------|
| FLOW, Q: | 0 to 16.5 gpm |
| HEAD, H: | 0 to 17 ft |
| WATTS: | 2 to 45 W |
| LIQUID TEMPERATURE: | 36°F to 230°F |
| VOLTAGE: | 1 x 115V |
| PORT TO PORT LENGTH: | 5.9" |
| PUMP HOUSING: | Stainless Steel |
| CONNECTION TYPE: | 1 1/4" NPSM (Union) |

PRODUCT OFFERING

| PRODUCT NUMBER | DESCRIPTION |
|----------------|---|
| 99472723 | ALPHA 15-55 HWR-D pump, two push buttons and temperature sensor |
| 99472724 | ALPHA 15-55 HWR-D pump and two push buttons |
| 99586126 | Push button HWR-D |
| 99586127 | Temperature sensor HWR-D |
| 99410217 | Repeater HWR-D |

PERFORMANCE DATA



Visit grundfos.us/pei to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.