

High-Efficiency Circulator

GRUNDFOS ALPHA 15-55 HWR-T

The ALPHA 15-55 HWR-T is a hot water recirculation pump that operates using a wireless temperature sensor that functions like an aquastat. The pump will activate via the programmable timer in addition to the measured return line temperature. The sensor keeps the water temperature within an optimal range that is calculated every 12 hours. Perfect for homes with multiple occupants and unpredictable hot water usage. 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-T 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)
- Designed with trusted ECM technology, which has been used by Grundfos for more than 17 years
- Includes line cord, wireless temperature sensor, programmable digital timer and one (1) set of 3/4" bronze union isolation valves fittings
- LED light indicators for pump settings and alarms
- Accessories available for installation flexibility
- Wireless communication, no wiring required
- Suitable for tankless water heater systems
- Programmable digital timer for additional energy savings.
- Save up to 12,000 gallons of water per year
- Delivers hot water efficiently, eliminating the expensive and annoying wait for hot water delivery to the tap

APPLICATIONS

- Hot water recirculation
 - for systems with a dedicated return line

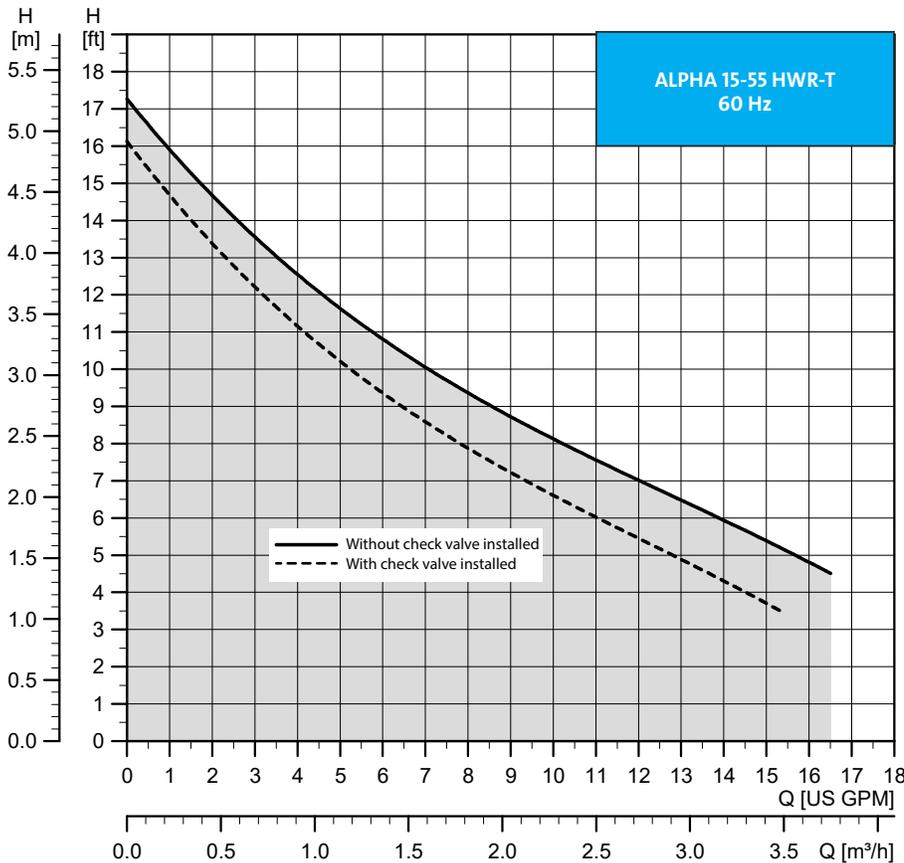
TECHNICAL DATA

ALPHA 15-55 HWR-T	
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:	1½" NPSM (Union)

PRODUCT OFFERING

PRODUCT NUMBER	DESCRIPTION
99906545	ALPHA 15-55 HWR-T pump, wireless temperature sensor, and programmable digital timer
99586127	Temperature sensor HWR-D – Service replacements
99521972	Programmable digital timer – Service replacements
519852	¾" Bronze Union Isolation Valve Set

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.