

## Hot Water Recirculation Pump

# GRUNDFOS UP 10-16 SERIES

The UP 10-16 range sets a new standard for energy efficient hot water recirculation in residential homes. Thanks to a low noise permanent magnet motor, energy consumption is reduced to 5-8.5 W. UP 10-16 pumps are simple to install and deliver reliable operation for applications with a footprint of up-to 2,000 square ft. Three different control models make it easy for you to select a pump that matches the needs of the homeowner:

### Temperature Control Model:

Keeps the water temperature within an optimal temperature range that is calculated every 12 hours. Perfect for homes with multiple occupants and unpredictable hot water usage.

### Timer Control Model:

The digital timer control function allows the pump to be programmed to run only when hot water is needed. The result is maximum comfort with a minimum of water, heat and electricity consumption.

### AUTO Control Model:

The intelligent AUTOADAPT function learns the hot water consumption patterns of the homeowner and adapts operation time accordingly. Ideal for energy conscious households with regular hot water usage.

## KEY FEATURES AND BENEFITS

- Delivers hot water efficiently, eliminating the expensive and annoying wait for hot water delivery to the tap
- Can save up to 12,000 gallons of water per year
- Compact design makes installation simple, even in confined spaces
- Easy to use push button control settings
- Lead-free bronze housing complies with US safe drinking water standards
- 6-foot line cord standard
- Reliable operation with little maintenance – eliminating calls backs
- Designed with years of ECM technology experience
- Built-in check valve in union models
- Insulation shells provided for fast installation
- Lead free brass housing eliminates risk of corrosion
- Improved impeller design increases efficiency and reduces vibration and noise
- All UP 10-16 models are able to run constantly in 100% mode



UP 10-16  
Temp



UP 10-16  
Timer



UP 10-16  
AUTO

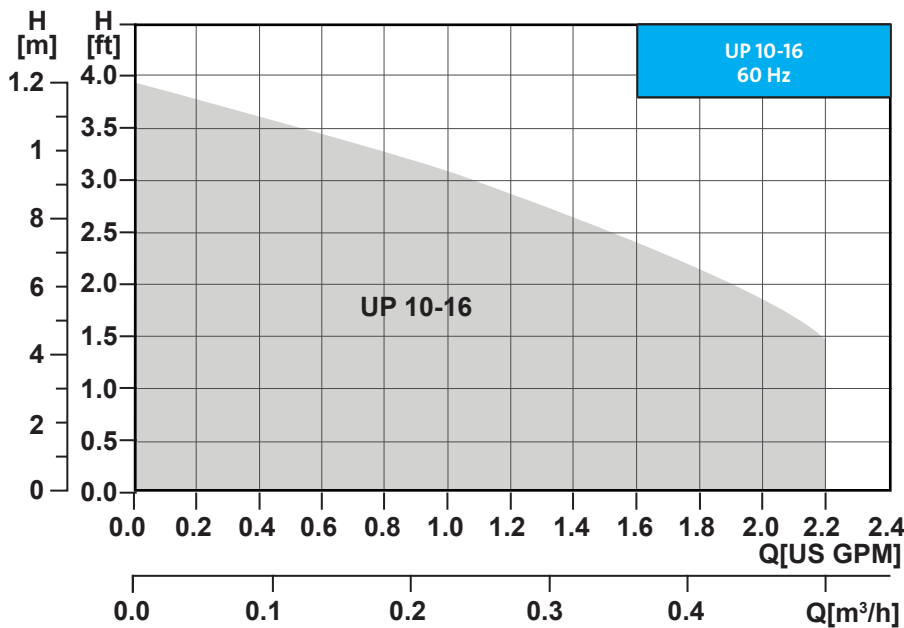
## APPLICATIONS

- Hot water recirculation

**TECHNICAL DATA**

UP 10-16 INFORMATION	
FLOW, Q:	max. 2.2 gpm
HEAD, H:	max. 3.9 ft
LIQUID TEMPERATURE:	36°F to 203°F
POWER:	5 to 8.5 W

**PERFORMANCE DATA**



**UP 10-16 MODELS**

½" SWEAT MOUNT		
98420222	UP 10-16 Auto B5 LC	Auto Model
½" FNPT MOUNT		
98420223	UP 10-16 Auto BN5 LC	Auto Model
GU 125 UNION MOUNT		
99412493	UP 10-16 Temp BU LC	Temperature Model
99812354	UP 10-16 DT BU LC	Timer Model
98420224	UP 10-16 Auto BU LC	Auto Model

**UNION FITTINGS**

GU 125 UNION	
529912	Bronze, ¾" NPT x Union Fitting Set
529913	Bronze, ½" Sweat x Union Fitting Set
529911	Bronze, ¾" Sweat x Union Fitting Set
GU 125 UNION ISOLATION VALVE	
519850	Bronze, ½" NPT x Union Iso Viv Fitting Set
519852	Bronze, ¾" NPT x Union Iso Viv Fitting Set
519851	Bronze, ¾" Compression x Union Fitting Set

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