

Hot Water Recirculation Pumps

GRUNDFOS COMFORT 10-16 SERIES

The COMFORT 10-16 range sets a new standard for energy efficient hot water recirculation. Thanks to a low-noise, permanent magnet motor, energy consumption is reduced to 6W. The COMFORT 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 homeowner's needs:

Temperature Control Model:

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 control mode reduces energy consumption by 25% compared to continuous operation.

Timer and Temperature Control Model:

The digital timer control function allows the pump to be programmed to run only when hot water is needed. During these operation times, the system maintains the water temperature within its calculated range. The result is maximum comfort with a minimum of water, heat, and electricity consumption. This control mode reduces energy consumption by 56% compared to continuous running.

AUTOADAPT and Temperature Control Model:

The intelligent AUTOADAPT function learns the hot water consumption patterns of the homeowner and adapts the operation time accordingly. Automatic vacation mode is activated if no water is tapped in a 24-hour period. Ideal for energy-conscious households with regular hot water usage. This control mode reduces energy consumption by 67% compared to continuous operation.



COMFORT 10-16
Temperature



COMFORT 10-16
Timer & Temperature



COMFORT 10-16
AUTOADAPT & Temperature

Key Features and Benefits

- Dry-run protection ensures long pump life and hassle-free commissioning.
- Delivers hot water efficiently, improving comfort by eliminating the wait for hot water at the tap.
- Can save up to 12,000 gallons of water per year.
- Compact design makes installation simple, even in confined spaces, even with the pump head pointing downwards. The 6-foot line cord enables quick electrical connection.
- Built-in check valve and shut-off valve reduces cost of installation.
- Optional venting flange available, providing a simple way to vent or drain the system without the need for permanently installed additional vent valve or hose bib.
- Lead-free bronze housing complies with US safe drinking water standards.
- Reliable operation with little maintenance.
- Insulation shells allow for fast installation.

APPLICATIONS

- Hot water recirculation
with a dedicated return line

GRUNDFOS

Possibility in every drop

Choose the best hot water recirculation pump for you

Each pump in the COMFORT range is designed to provide maximum comfort with minimized energy consumption. Selecting the right one is as simple as determining which control mode suits each household's needs. Compared to continuous operation, different control modes can also further reduce recirculation heat energy losses.



COMFORT

Temperature control: Best for homes with no specific daily schedule, some energy concerns and focused on comfort. No manual settings required.



COMFORT TDT

Timer & Temperature control: Ideal for homes with set schedules and a focus on energy savings. A new supercapacitor provides up to 8 hours of power backup for the clock during outages. The enhanced interface features a brighter backlight and refined graphics for better visibility in tight spaces. Homeowners can activate temperature-only mode by pressing the arrow button, allowing them to delay scheduling while still benefiting from efficient operation.



COMFORT TA

AUTOADAPT control: Best for homes where daily schedule is consistent, and the family wishes to maximize energy savings. **Temperature control:** Further increases energy savings. **Auto vacation mode:** Makes this model well suited for holiday homes. No manual settings required. **Continuous operation 24/7:** Is also available on this version.



Technical data

Max flow	2.2 gpm
Max head	3.5 ft
Liquid temperature	36 °F - 176 °F
Max power	6 W
Noise level	22 dB(A)
Drinking water approvals	NSF(UL)



Venting flange

The venting flange removes air from the system without the need for an external air venting valve.

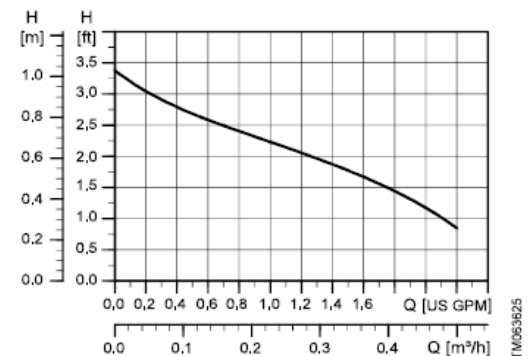
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Types

PRODUCT	TYPE KEY	PORT TO PORT LENGTH	CONNECTION	CONTROL FEATURE
92957794	COMFORT 10-16 T BU/LC	4.3 in	GU125 (1-1/4"NPSM)	Temperature
93094713	COMFORT 10-16 TDT BU/LC	4.3 in	GU125 (1-1/4"NPSM)	Timer and Temperature
98420224	COMFORT 10-16 TA BU/LC	4.3 in	GU125 (1-1/4"NPSM)	AUTODAPT and Temperature

GU125 UNION SETS	
529912	Bronze, 3/4" NPT x Union Fitting Set
529913	Bronze, 1/2" Sweat x Union Fitting Set
529911	Bronze, 3/4" Sweat x Union Fitting Set
93125844	Union Kit GU125 x 1/2" PEX Crimp
93125859	Union Kit GU125 x 3/4" PEX Crimp
93199923	Bronze, 1/2" Pex Expansion x Union Fitting Set
93199929	Bronze, 3/4" Pex Expansion x Union Fitting Set

Performance curves



GU125 UNION ISOLATION VALVES	
519850	Bronze, 1/2" NPT x Union Iso Valve Fitting Set
519852	Bronze, 3/4" NPT x Union Iso Valve Fitting Set
519851	Bronze, 3/4" Compression x Union Fitting Set

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