

COMFORT PM HOT WATER RECIRCULATION THE CLEVER WAY

The Grundfos COMFORT PM range sets new standards for energy-efficient hot water recirculation in private homes. Thanks to a low noise permanent magnet motor, energy consumption is reduced to as little as 5-8 W – while the superior AUTOADAPT function, ensuring that the pump runs only when required, cuts back on both heat and power waste. The result is maximum comfort with a minimum of water, heat and electricity consumption.

TECHNICAL DATA

| | |
|------------------------------------|-----------------------|
| Flow, Q_{max}: | 0,7 m ³ /h |
| Head, H_{max}: | 1,2 m |
| Liquid temperature: | 2°C-95°C |
| Power: | 5-8 W |



COMFORT B PM FOR BASIC NEEDS

If the customer requires a more basic hot water recirculation solution, the energy-efficient COMFORT B PM is the obvious choice. The COMFORT B PM pump is compact, easily installed and silent, and is available with constant operation (100%) mode.

COMFORT PM

KEY FEATURES

Operation modes



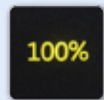
AUTOADAPT mode

The COMFORT pump learns from the user pattern and automatically adapts to it to guarantee the best comfort and the highest energy savings in the market.



Temperature control mode

The water temperature is kept within a calculated range in the individual system, ensuring that the pump runs only when required to save energy.



100% mode

The pump operates continuously at full speed.



Silent operation

Easy operation

Settings are easily changed using only the finger tip

Low heat loss

The included insulation shells reduce the heat loss from the pump

Corrosion-free brass housing

The brass housing eliminates the risk of corrosion

Easy installation

The compact design facilitates installation in confined spaces just as the ALPHA plug enables easy connection without opening the terminal box

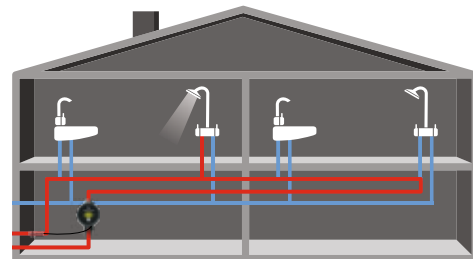
Minimise water waste

Every year, a typical family of three living in a household with a conventional one string plumbing system pours up to 16.000 l of clean water straight down the drain as they wait for the water to run hot. The COMFORT PM pump delivers instantly hot water, efficiently eliminating the expensive – and annoying – wait which in average amounts to 60 seconds – or 0.15 litres of wasted

water per second. The tangible result of the COMFORT PM pump is lower costs while increasing comfort in any way, just as the environment benefits from the minimised use of water.

What is a COMFORT hot water recirculation pump?

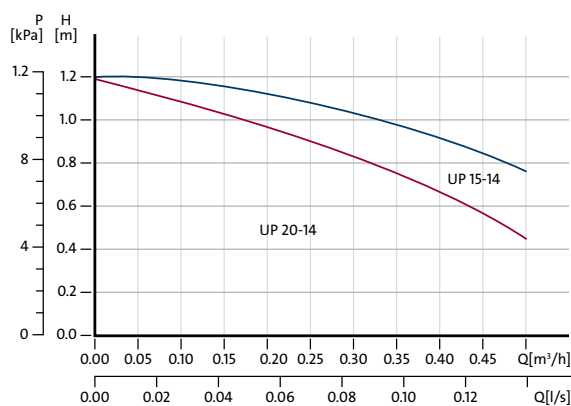
A hot water recirculation pump is a pump designed to recirculate domestic hot water. To facilitate the process a return pipe is required.



TYPES

| PRODUCT | TYPE KEY | PRODUCT NUMBER |
|---------------------------------------|---------------|----------------|
| COMFORT | UP15-14B PM | 97916771 |
| COMFORT w. non-return valve | UP20-14BX PM | 97916772 |
| COMFORT AUTOADAPT | UP15-14BA PM | 97916757 |
| COMFORT AUTOADAPT w. non-return valve | UP20-14BXA PM | 97916749 |
| Time Switch | | 98465219 |

PERFORMANCE CURVES



Optional Time Switch

The Grundfos COMFORT PM range can be fitted with an optional 24 hour Time Switch with 15 minutes intervals. The Time Switch is also applicable with other 230 V pumps up to 2500 W.

