

# COMFORT PM HOT WATER RECIRCULATION THE CLEVER WAY

The Grundfos COMFORT PM range sets new standards for energy-efficient hot water recirculation in domestic 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, which minimises both heat and power waste. The result is maximum comfort with a minimum of water, heat and electricity consumption.

## TECHNICAL DATA

<b>Flow, <math>Q_{max}</math>:</b>	0,7 m <sup>3</sup> /h
<b>Head, <math>H_{max}</math>:</b>	1,2 m
<b>Liquid temperature:</b>	2°C-95°C
<b>Power:</b>	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

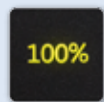
## Operation modes



**AUTOADAPT mode**  
The COMFORT pump adjusts according to usage 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

Digital settings are easy to change 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

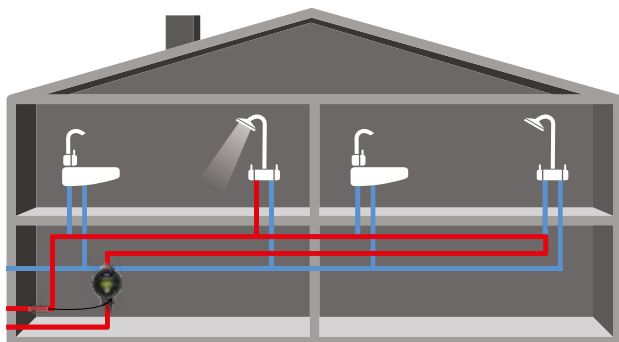
## Minimise water waste

Every year, a typical family of three living in a household with a conventional one string plumbing system discharges 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 instant hot water, efficiently eliminating the expensive – and annoying – wait which on 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 levels, 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 in a pressurised system. 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

## PERFORMANCE CURVES

