

COMFORT PM

HOT WATER RECIRCULATION

THE CLEVER WAY

The Grundfos COMFORT PM sets new standards for energy-efficient hot water recirculation in domestic homes. Thanks to the low noise permanent magnet motor, energy consumption is reduced to as little as 5-7 W - while the superior AUTOADAPT function, ensures 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.



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.



TECHNICAL DATA

Flow, Q_{max} :	0.7 m ³ /h
Head, H_{max} :	1.2 m
Liquid temperature:	2 °C - 95 °C
Power:	5 W - 7 W

COMFORT PM

KEY FEATURES

OPERATION MODES



AUTOADAPT mode:

The pump adjust 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 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 COMFORT plug enables easy connection without opening the terminal box

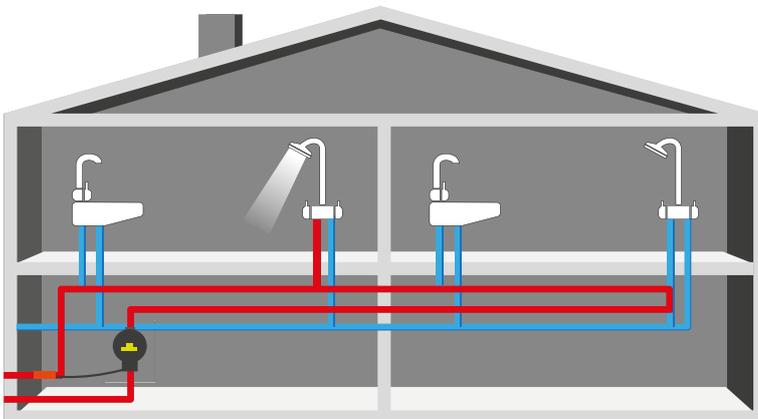
Minimised water waste

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 minimising 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.

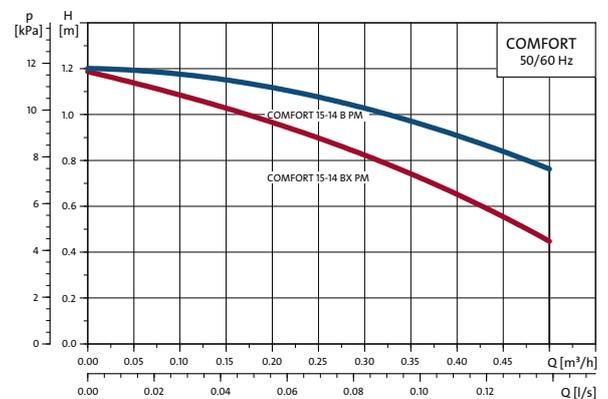


TYPES

PRODUCT	TYPE KEY	PRODUCT NUMBER
COMFORT PM AUTOADAPT	COMFORT 15-14 BA PM	99164487
COMFORT PM AUTOADAPT w. non-return valve	COMFORT 15-14 BXA PM	99164488
COMFORT PM Basic	COMFORT 15-14 B PM	99164484
COMFORT PM Basic w. non-return valve	COMFORT 15-14 BX PM	99164486

You can find more information about the COMFORT PM portfolio at www.grundfos.com

PERFORMANCE CURVES



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