COMFORT PM AUTO*ADAPT*
HOT WATER RECIRCULATION THE CLEVER WAY

The Grundfos COMFORT PM AUTO*ADAPT* sets new standards for energy-efficient and intelligent hot water recirculation in private homes and offers the ultimate in control with fully automatic operation (AUTO*ADAPT*), temperature-controlled operation or continuous full speed operation.

The AUTO*ADAPT* function uses an automatic calendar to get an overview of when you use hot water. This operation is calendar-controlled by a combination of the temperature control and the calendar log. This keeps energy use low while ensuring instantly hot water.

INSTANT HOT WATER USING LESS ENERGY

Every time you tap hot water, the automatic calendar registers and logs this event. After two weeks, AUTO*ADAPT* functionality has learnt your habits and the pump runs only when necessary, ensuring hot water is instantly available, meeting your needs precisely.

COMFORT WHEN YOU NEED IT

Instantly delivers hot water all over the house, giving the best comfort and at the same time the lowest energy consumption.

SAVE MONEY IN YOUR HOT WATER SYSTEM

A low noise permanent magnet motor reduces the energy consumption to as little as 5-7 W. Compared to conventional pumps that run continuously, this equals a cost reduction of up to 97 % with heat energy savings of as much as 48 %.

TECHNICAL DATA

Flow, Q_{max}:	0.7 m³/h
Head, H_{max}:	1.2 m
Liquid temperature:	2 °C - 95 °C
Power:	5 W - 7 W

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CHOOSE YOUR OPTIMAL HOT WATER RECIRCULATOR

Not all homeowners have the same requirements for hot water recirculation. That is why the COMFORT PM portfolio includes three products:

Fully automated – COMFORT PM AUTO*ADAPT*

The COMFORT PM AUTO*ADAPT* delivers instantly hot water all over the house and offers the ultimate in control with three operation modes:

- **AUTO*ADAPT* mode:**
  The pump learns the user pattern of the customer and only runs when hot water is needed
- **Temperature control mode:**
  Pump regulation is based on temperature control, keeping the working area of the pump within a calculated temperature range
- **100% mode:**
  The pump runs continuously at full speed without any control

Constant temperature – COMFORT PM Temperature Control

The COMFORT PM Temperature Control offers pump regulation based on temperature control. Keeping the working area of the pump within a calculated temperature range gives you the maximum comfort and saves energy at the same time.

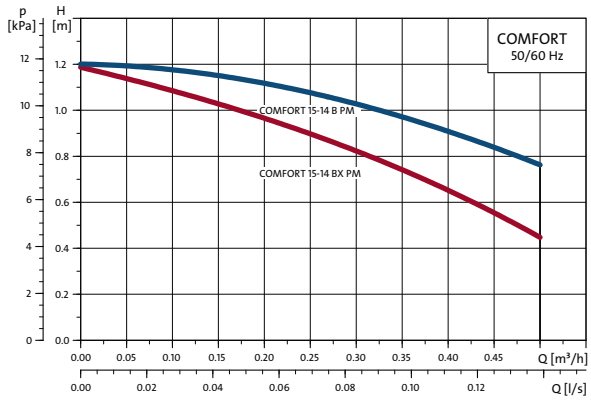
High price-performance ratio – COMFORT PM Basic

The COMFORT PM Basic meets homeowner requirements for continuous full speed operation, where there is no requirement for the fully automated AUTO*ADAPT* pump.

All COMFORT PM pumps offer:

- **Silent and easy operation**
  Compact design and easy to use
- **Low heat loss**
  The included insulation shells reduce the heat loss from the pump
- **No clogging**
  Semi-spherical motor design ensures maximum resistance against blockage caused by lime.
- **Easy installation**
  Install even in confined spaces. The COMFORT plug enables easy connection without opening the terminal box
- **Dry-running protection**
  Ensures long pump lifetime and hassle-free commissioning

PERFORMANCE CURVES



COMFORT BA PM AUTO*ADAPT*

COMFORT BXT PM TEMPERATURE CONTROL

COMFORT B PM BASIC

TYPES

PRODUCT	TYPE KEY	PRODUCT NUMBER
COMFORT PM AUTO*ADAPT*	COMFORT 15-14 BA PM	99164487
COMFORT PM AUTO*ADAPT* w. non-return valve	COMFORT 15-14 BXA PM	99164488
COMFORT PM Temperature Control	COMFORT 15-14 BT PM	99279867
COMFORT PM Temperature Control w. non-return valve	COMFORT 15-14 BXT PM	99279868
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

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