

Grundfos COMFORT BA PM with AUTOADAPT:

Hot water recirculation the clever way

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

The AUTOADAPT 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, AUTOADAPT 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}	0.5 m ³ /h
Head, H_{\max}	1.2 m
Liquid temperature	2 °C - 95 °C
Power	5 W - 7 W

GRUNDFOS 

Possibility in every drop

Choose the best hot water recirculator for you



Fully automated – Grundfos COMFORT AUTOADAPT

The Grundfos COMFORT AUTOADAPT delivers instantly hot water all over the house and offers the ultimate in control with three operation modes:

- **AUTOADAPT 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



Timer operation – Grundfos COMFORT DT with digital timer control

The Grundfos COMFORT DT offers pump regulation based on digital timer control. Keeping the working area of the pump within a calculated digital timer control range gives you the maximum comfort and saves energy at the pre-set time range.



High price-performance ratio – Grundfos COMFORT PM with fixed speed

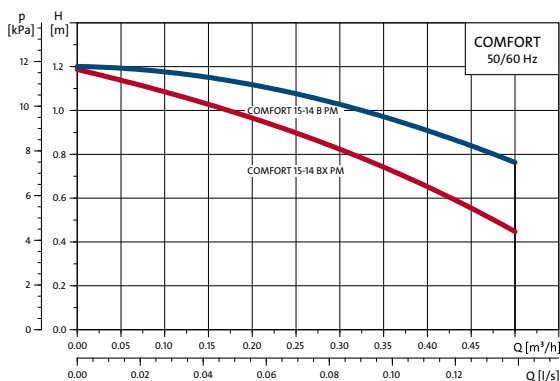
The Grundfos COMFORT PM Basic meets homeowner requirements for continuous full speed operation, where there is no requirement for the fully automated AUTOADAPT pump.

All Grundfos COMFORT B 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 line cord enables easy connection without opening the terminal box
- **Dry-running protection**
Ensures long pump lifetime and hassle-free commissioning

Performance curves



Types

PRODUCT	TYPE KEY	CONNECTION
COMFORT PM AUTOADAPT	COMFORT 15-14 BA PM	Internal thread
COMFORT PM AUTOADAPT	COMFORT 15-14 BXA PM	External thread, Non-return and isolating valve
COMFORT PM Digital timer	COMFORT 15-14 BDT PM	Internal thread
COMFORT PM Digital timer	COMFORT 15-14 BXT PM	External thread, Non-return and isolating valve
COMFORT PM Basic	COMFORT 15-14 B PM	Internal thread
COMFORT PM Basic	COMFORT 15-14 BX PM	External thread, Non-return and isolating valve

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