Grundfos COMFORT T with temperature control:

Hot water recirculation the clever way

COMFORT pumps are efficient circulators designed for hot water recirculation in residential buildings with a dedicated return line. The pumps are compatible with all types of water heater tanks, tankless systems, and solar or heat pumps regardless of whether the system has mixing or tampering valves installed.

COMFORT T features the temperature control mode that automatically activates the pump when the internal temperature sensor detects that the water temperature drops below a certain level. The control mode automatically adjusts the on/off temperature based on the maximum temperature measured in the system. The maximum temperature of the system is measured every 12 hours for 15 minutes, enabling dynamic adjustment of the on/off temperature.

Easy sizing
Pump performance is ideal for one or two-family private homes.

Instant hot water
Improves comfort and eliminates waiting for hot water.

Water savings
Saves up to 10,000 gal. / 38,000 litres of water annually.

Improved hygiene
Water stagnation, bad smell and bacteria formation is avoided by frequent recirculation.

Low energy consumption
Temperature control mode significantly reduces the heat energy consumed by the water heater and saves up to 25% heat energy compared to a continuously running pump.



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
Noise	22 dB(A)
Drinking water approvals	UBA, ACS, WRAS, UL

Discover more
Take an in-depth exploration of the COMFORT range in our free Ecademy course. You'll discover the various control modes, how to install and set up, and all about the benefits of COMFORT and hot water recirculation.

Go to Ecademy to learn more

GRUNDFOS

Possibility in every drop

Grundfos **COMFORT range**

Choose the best hot water recirculator for you

Each pump in the COMFORT range is designed to provide maximum comfort with minimised energy consumption. Selecting the right one is as simple as determining which control mode suits each household's needs. Compared to continuous operation, different control modes can also further reduce recirculation heat energy losses.



COMFORT

Continuous operation 24/7: Best for homes where local regulations require 24/7 operation, or where external control is provided by a water heater, timer, or other smart home technology.

Recirculation heat energy losses





COMFORT T

Temperature control: Best for homes with no specific daily schedule, some energy concerns and focused on comfort. No manual settings required.



25%



COMFORT TDT

Timer & temperature control: Best for homes with a specific time schedule and strong desire to reduce energy usage. Requires manual timer settings.



56%



COMFORT TA

AUTOADAPT control: Best for homes where the daily schedule is not easy to define, and the family wishes to maximise energy savings.
Temperature control: Well suited to holiday homes.
No manual settings required.
Continuous operation 24/7

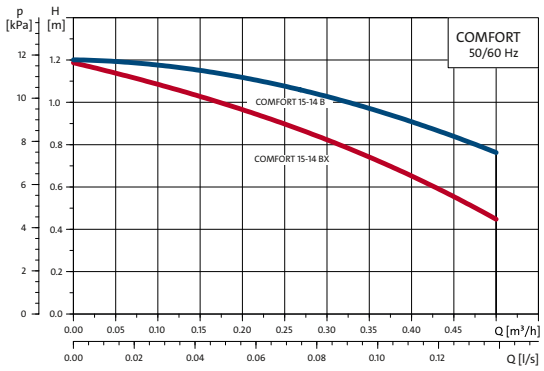


67%
Heat energy saved

Design features:

- **Prevents pipe erosion and pin holes**
  Compliant with pipe manufacturers' recommendations on flow velocity limits for 15mm / ½" and 20mm / ¾" pipe dimensions.
- **No clogging**
  Semi-spherical motor design ensures maximum resistance against blockage caused by lime in water of unlimited hardness.
- **Easy installation**
  Compact design for installation in confined spaces, even with the pump head pointing downwards. The line cord enables quick electrical connection.
- **Dry-running protection**
  Ensures long pump lifetime and hassle-free commissioning.
- **Easy maintenance**
  The detachable design of the head allows cleaning of the pump in no time.
- **Reduced cost of installation**
  Non-return and shut-off valves included in X variant and variants for North America. Optional venting flange available, providing a simple way to vent or drain the system without need for permanently installing additional vent valve or hose bib.
- **Universal replacement**
  Pump head designed to fit all brass pump housings from different brands.

Performance curves



Types

Product	Type key	Port to port length	Connection
97916771	COMFORT 15-14 B	80 mm	Internal thread Rp 1/2"
97916772	COMFORT 15-14 BX	140 mm	Non-return and isolating valves, External thread G 1"
93093854	COMFORT 15-14 B T	80 mm	Internal thread Rp 1/2"
93094846	COMFORT 15-14 BX T	140 mm	Non-return and isolating valves, External thread G 1"
93093537	COMFORT 15-14 B TDT	80 mm	Internal thread Rp 1/2"
93093665	COMFORT 15-14 BX TDT	140 mm	Non-return and isolating valves, External thread G 1"
97916757	COMFORT 15-14 B TA	80 mm	Internal thread Rp 1/2"
97916749	COMFORT 15-14 BX TA	140 mm	Non-return and isolating valves, External thread G 1"

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

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DN001236_0524/DBS/4015565-Brandbox