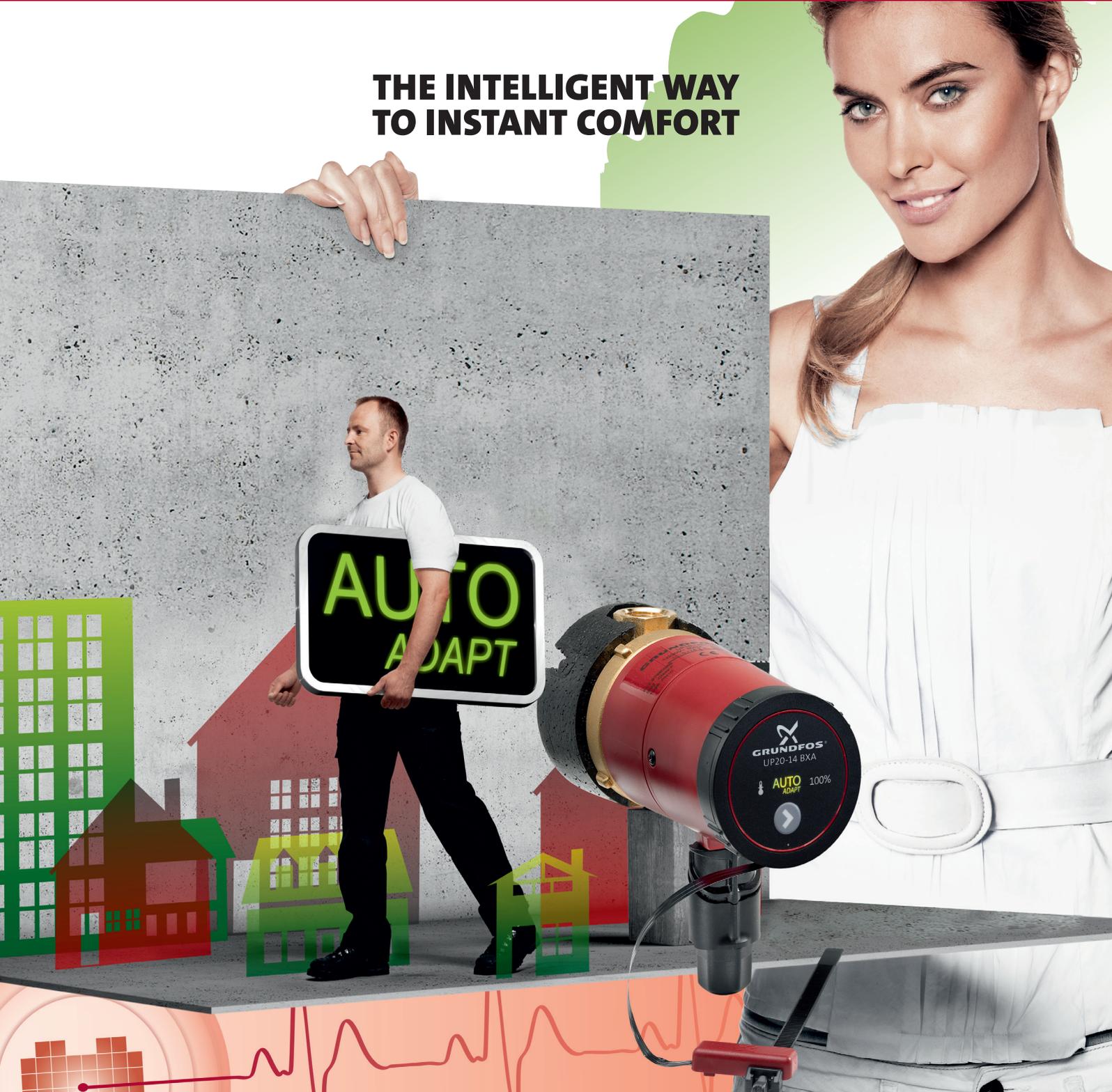


**THE INTELLIGENT WAY
TO INSTANT COMFORT**



ADVANCED COMFORT PUMP

FEATURING AN AUTOADAPT FUNCTION THE INTELLIGENT UPGRADE OF THE POPULAR COMFORT PUMP SETS NEW STANDARDS FOR ENERGY-EFFICIENT COMFORT IN PRIVATE HOMES.

The principle of the COMFORT pump's AUTOADAPT function is really very simple. In the course of only a couple of weeks the pump learns the consumption pattern of the household and adapts to it. The stored data ensures that the pump runs only when required, significantly cutting back on both water and power consumption – which in turn saves money.

RELIABILITY IS NEVER COMPROMISED

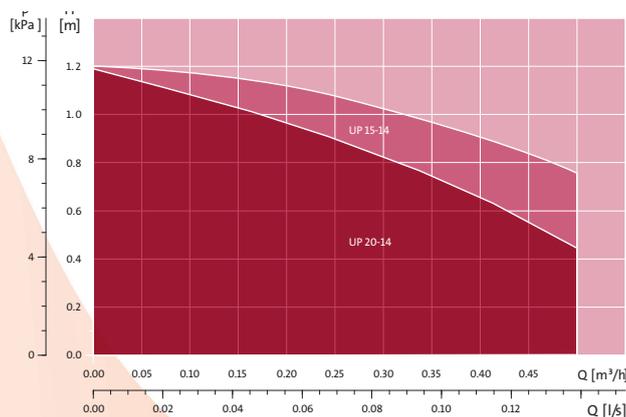
Should the consumption pattern change, e.g. during holidays, the COMFORT pump with AUTOADAPT recognises the standstill after 24 hours and automatically adapts to holiday mode.

On the return of the occupants, the intelligent pump will automatically resume the same consumption pattern as before the holiday. Consequently, the access to instantly hot water is never jeopardised.

DISINFECTION OPERATION

Once every week, the system's boiler significantly increases the water temperature. The increase is recognised by the pump sensor and hot water is circulated for 15 minutes for disinfection purposes. To further ensure that bacteria growth is efficiently prevented, the system is automatically flushed if the pump has been on standby for eight hours.

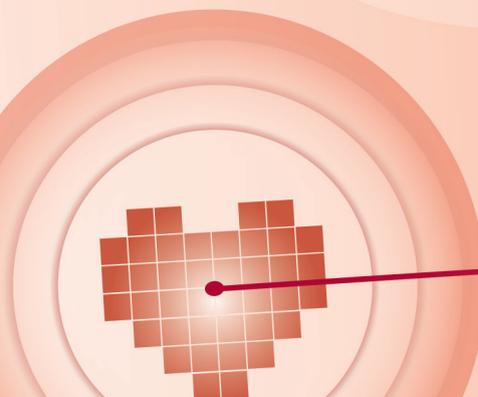
Performance curves for the COMFORT range.



The COMFORT pump with AUTOADAPT is available with or without check valve:

97680069: UP15-14BA 80 1x230V 50Hz

97680070: UP20-14BXA 110 1x230V 50Hz





EASY INSTALLATION AND SIMPLE OPERATION

The compact COMFORT pump with AUTOADAPT is designed to greatly facilitate installation – even in confined spaces. Featuring the renowned ALPHA plug all that is really required is to mount the sensor on the supply pipe, connect the plug and start pumping.

mode learns and stores the consumption pattern. The temperature mode keeps the water temperature within an individually defined range. And finally the 100% mode lets the pump run constantly at full speed. The AUTOADAPT mode is factory pre-setting but the setting is easily changed by means of only the tip of a finger.

THREE OPERATION MODES

Featuring three operation modes the COMFORT pump is suitable for all domestic applications. The AUTOADAPT

OPERATION MODES
AUTOADAPT, temperature and 100%. AUTOADAPT is factory pre-setting.

BRASS HOUSING
Brass pump housing.

INSULATION SHELLS

COMPACT DESIGN
Facilitates installation in confined spaces.

ALPHA PLUG
Enables easy connection without opening the terminal box.

SENSOR
Simply mount the sensor.

AUTO ADAPT
Ensures that the pump runs only when required.

ONE-TOUCH OPERATION
Settings are easily changed using only the fingertip.

GRUNDFOS
COMFORT AUTO
UP20-14 BXA
AUTO ADAPT 100%

EXPLORE THE UNIQUE PRODUCT RANGE

Go to **www.instantlyhot.grundfos.com** to find more in-depth information
the new COMFORT pump as well as about:

- Solutions for multiple-family houses
- Savings-potential
- Technical specifications



Grundfos Management A/S

Poul Due Jensens Vej 7
DK-8850 Bjerringbro
Denmark
Phone: (+45) 8750 1400
www.grundfos.com

The name Grundfos, the Grundfos logo, and the payoff Be-Think-Innovate are registered trademarks owned by Grundfos Management A/S or Grundfos A/S, Denmark. All rights reserved worldwide.