



UPS3

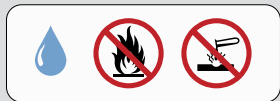




GB: Warning

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.





Max. 95 % RH
IPX4D



Min. / Max.
+2 °C / +95 °C

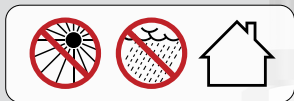


Max. 1.0 MPa
(10 bar)



 Max. 2000 m





Min. / Max.
0 °C / +55 °C



< 32 dB(A)



Max. 50 % Glycol
Max. 10 mm²/s Viscosity



75 °C

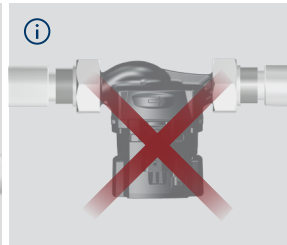
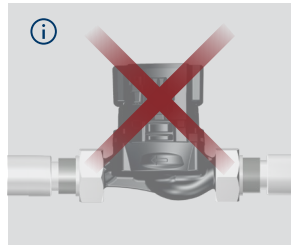
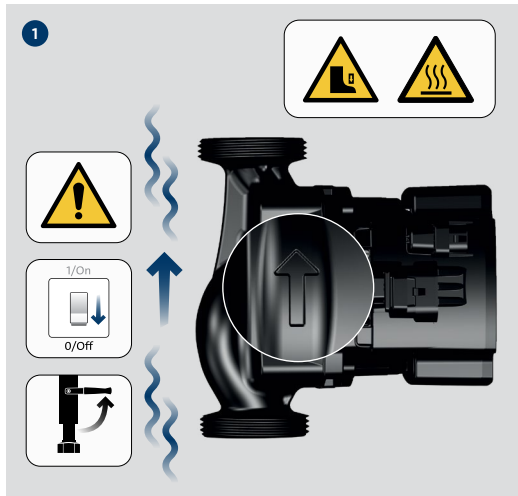
95 °C

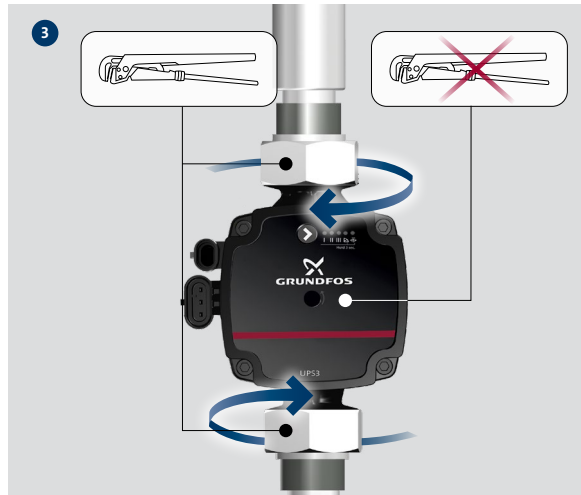
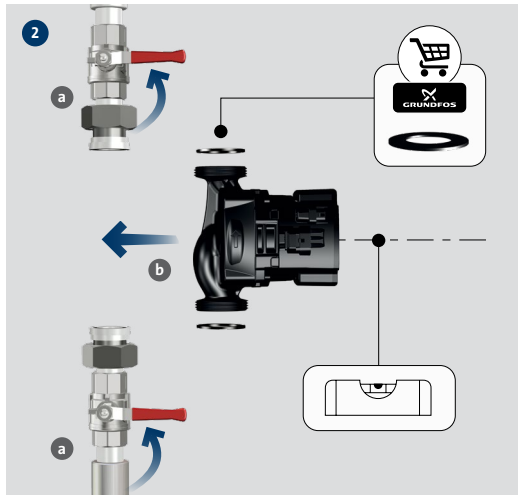


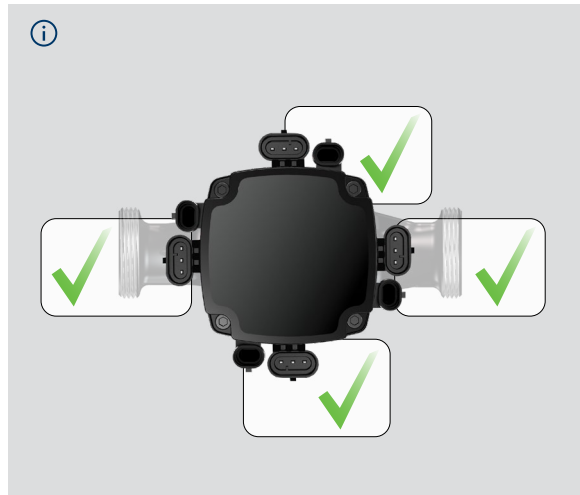
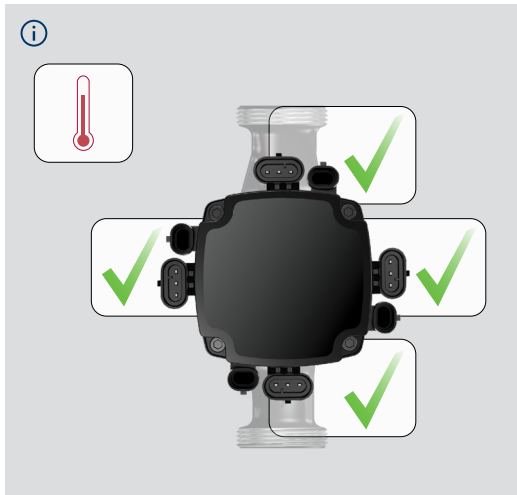
0.005 MPa
0.05 bar

0.05 MPa
0.5 bar



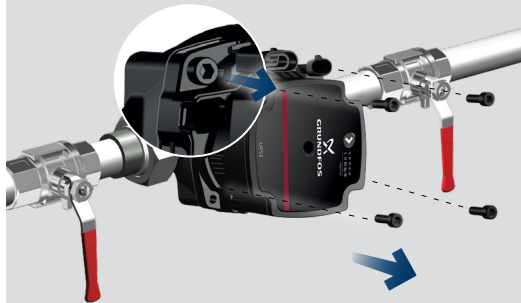






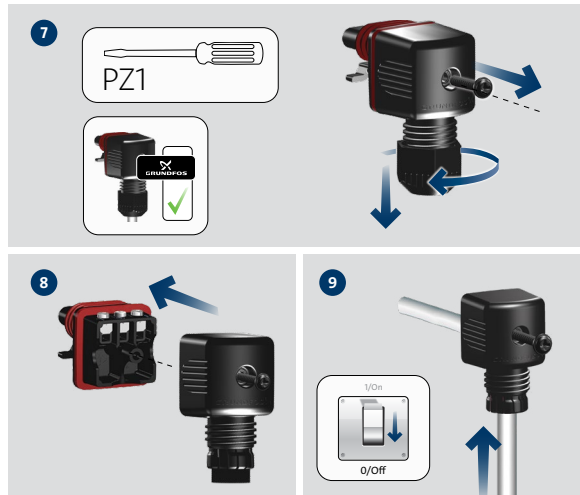
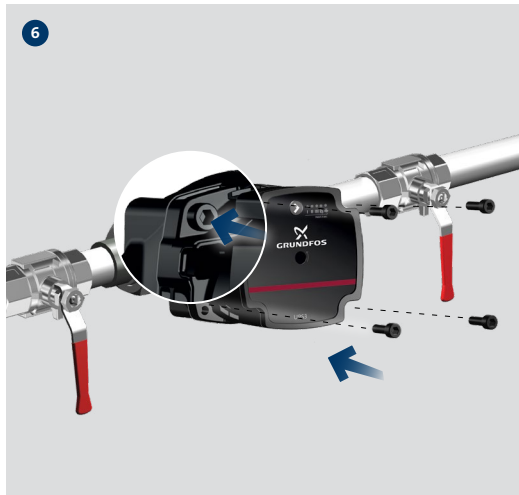


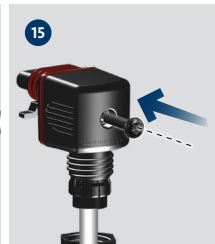
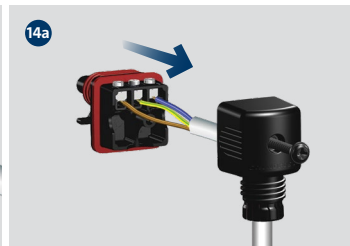
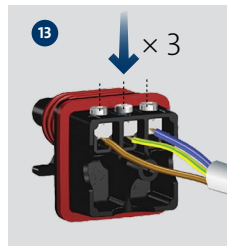
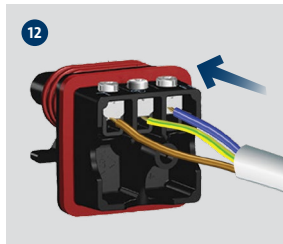
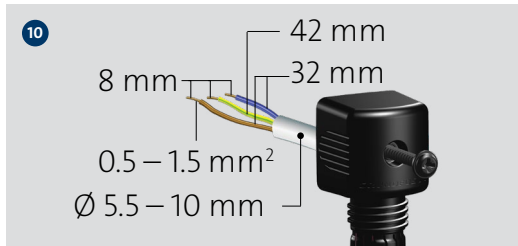
4



5



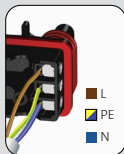






INTERNALLY CONTROLLED

17a



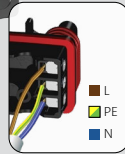
$1 \times 230 \text{ V} -15\% / +10\%$
 $\sim 50/60 \text{ Hz}$ ⚡



EXTERNALLY CONTROLLED PWM A PROFILE

17b

$1 \times 230 \text{ V} -15\% / +10\%$
 $\sim 50/60 \text{ Hz}$ ⚡

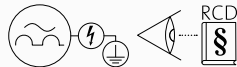




18

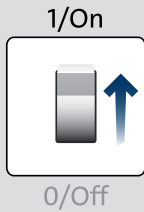


$1 \times 230 \text{ V} -15\%/+10\%$
 $\sim 50/60 \text{ Hz}$ ⚡





19

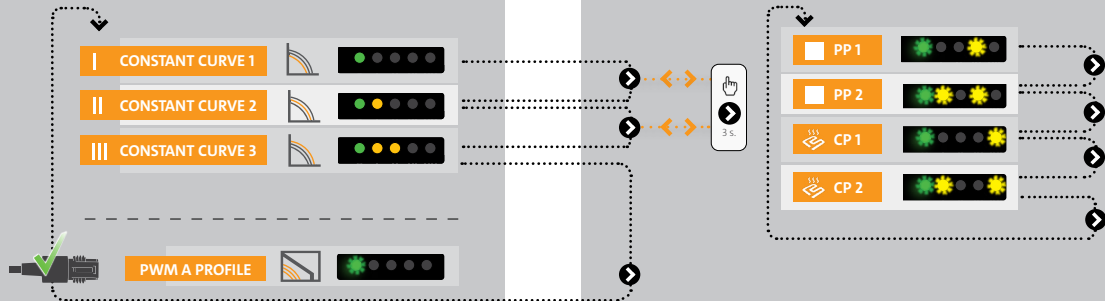


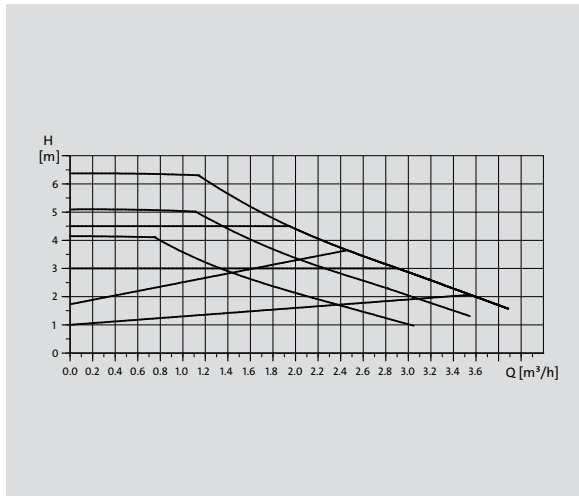
20





CONTROL MODE SETTINGS







ALARM STATUS

Blocked

Supply voltage low

Electrical error

FAULT



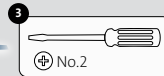
DISPLAY

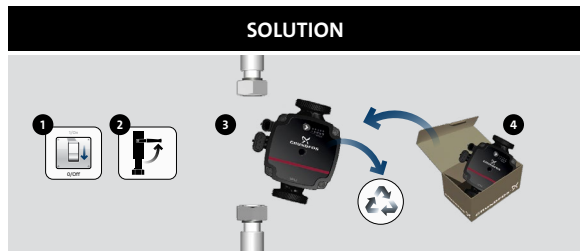
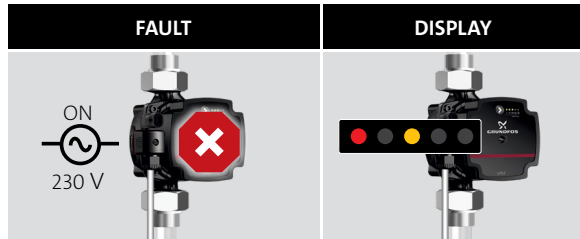
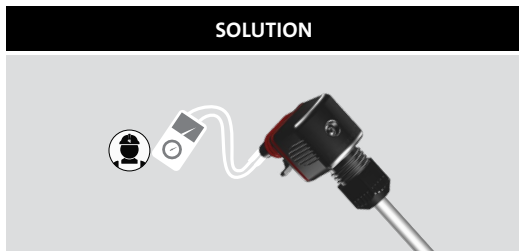
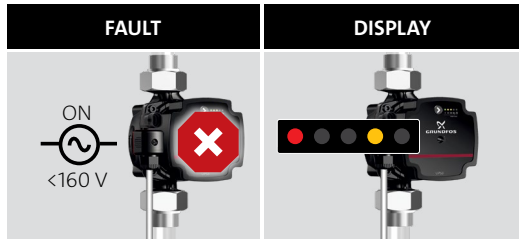


SOLUTION



5 mm







GB: The crossed-out wheellie bin symbol on a product means that it must be disposed of separately from household waste. When a product marked with this symbol reaches its end of life, take it to a collection point designated by the local waste disposal authorities. The separate collection and recycling of such products will help protect the environment and human health.

UK declaration of conformity

We, Grundfos, declare under our sole responsibility that the products to which the declaration below relates, is in conformity with UK regulations, standards and specifications to which conformity is declared, as listed below: Valid for Grundfos products: GFNHB, GFNKB, GFNKC, GFNJB, GFNJC, GFNJD, GFNJF, GFNJG.

Electrical Equipment (Safety) Regulations 2016

Standards used:
EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019 + A15:2021

Electromagnetic Compatibility Regulations 2016

Standards used:
BS EN 55014-1: 2017, BS EN 55014-2: 2015, BS EN 61000-3-2: 2014, BS EN 61000-3-3:2013

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Standards used:
BS EN IEC 63000: 2018

The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019 using Regulation (EC) No 641/2009 and Regulation (EU) No 622/2012.

Standards used:
BS EN 16297-1: 2012, BS EN 16297-2: 2012, BS EN 16297-3: 2012 $EEI \leq 0.23$ (see individual data sheet or name plate).
The benchmark for the most efficient circulators is $EEI \leq 0.20$.

Bjerringbro, 15 February 2022

Jannek Uldal-Christesen
Senior Director

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Poul Due Jensens Vej 7
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Manufacturer and person
empowered to sign the UK
declaration of conformity.



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