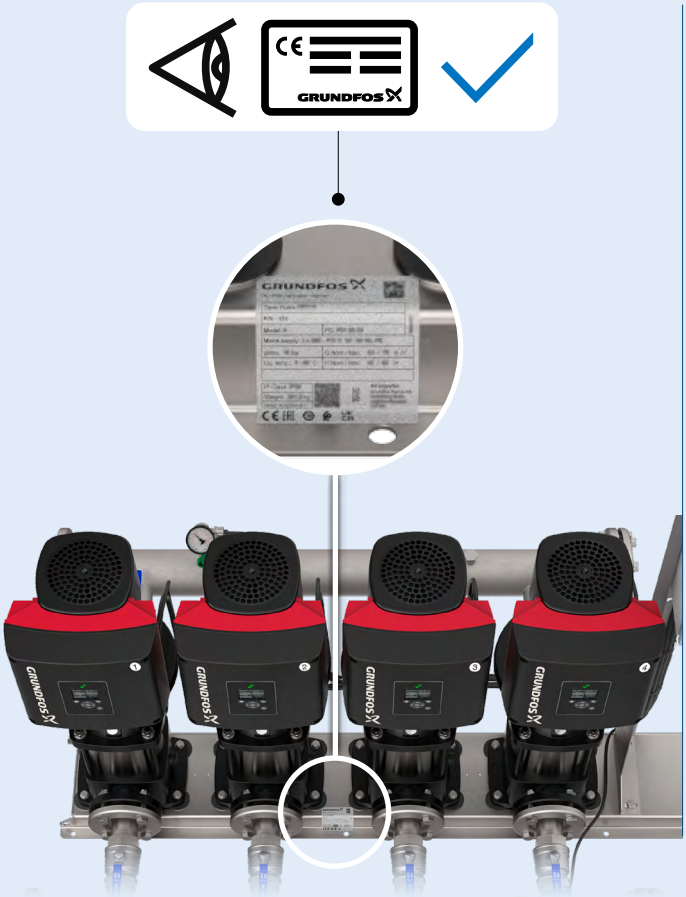
Quick Guide

Hydro MPC

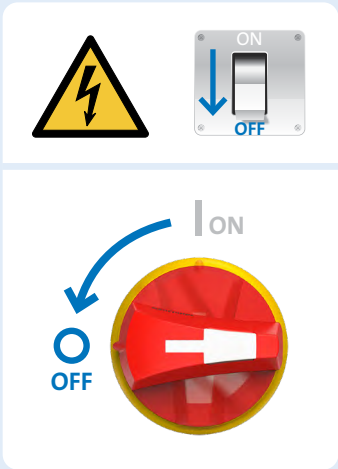
Hydro MPC

Installation and operating instructions
http://net.grundfos.com/qr/i/93242156

GRUNDFOS



1



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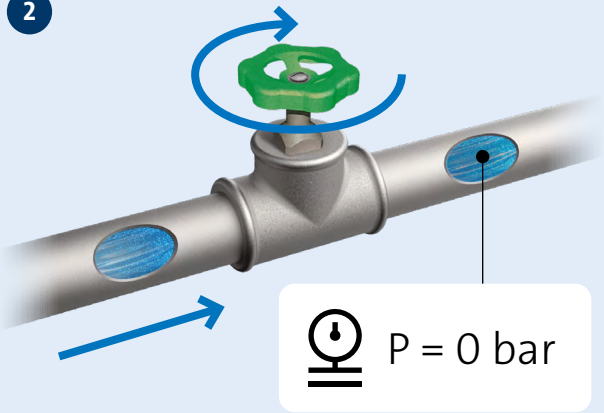
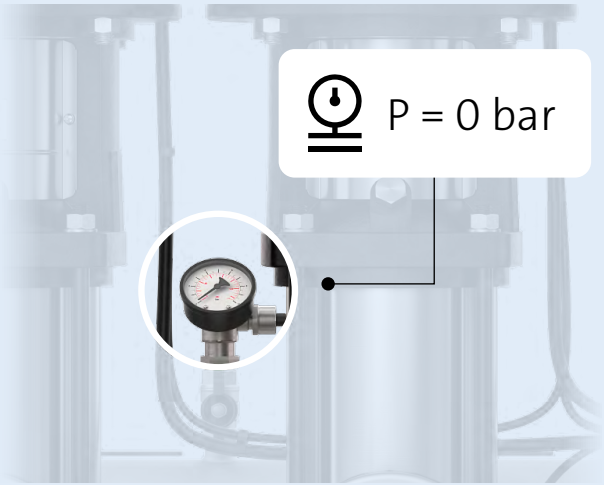
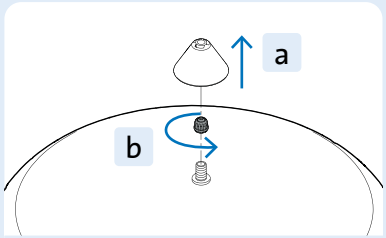
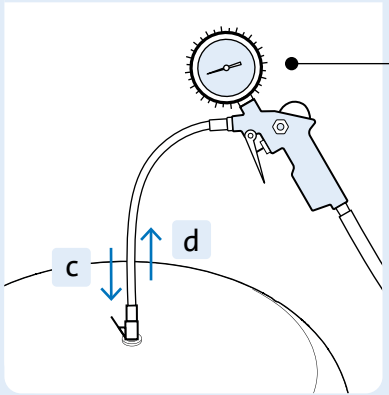


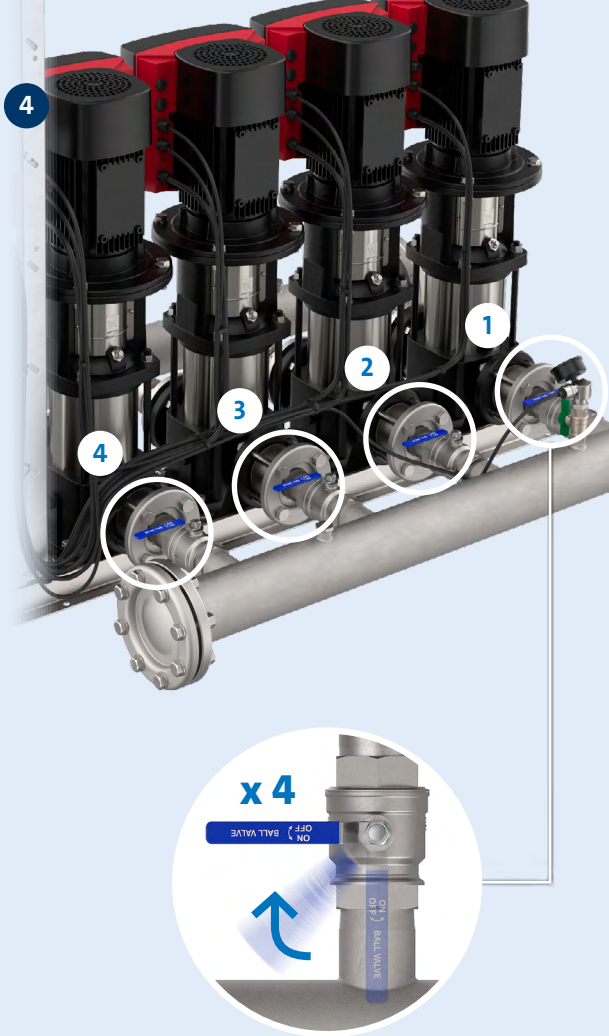


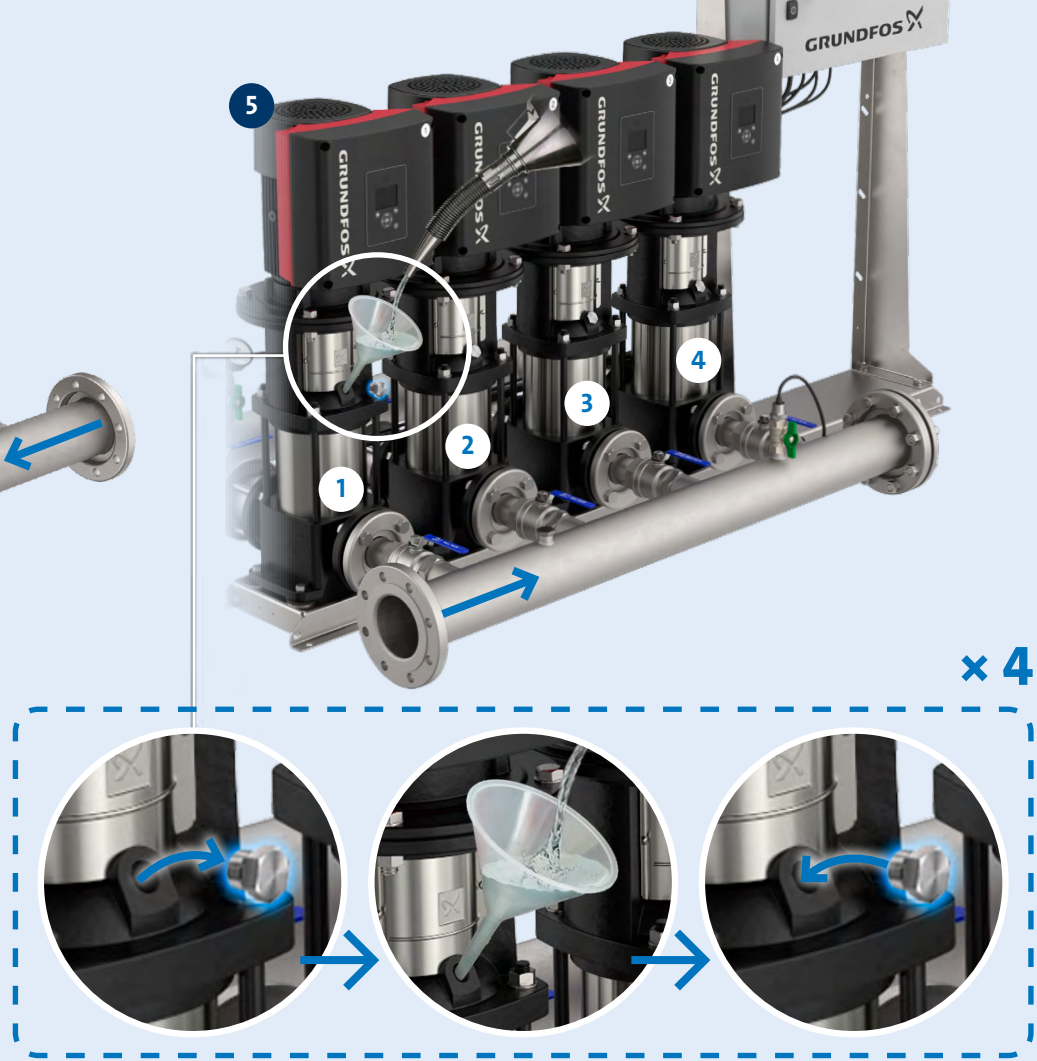


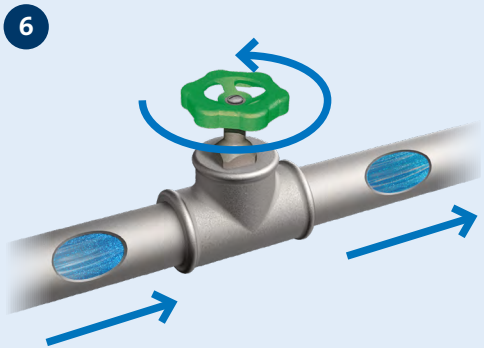


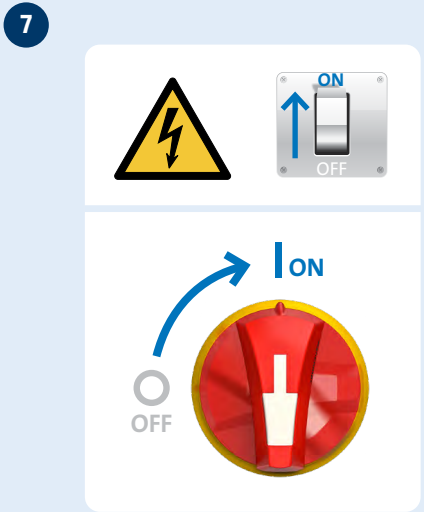
P = 0.7 × **Setpoint**

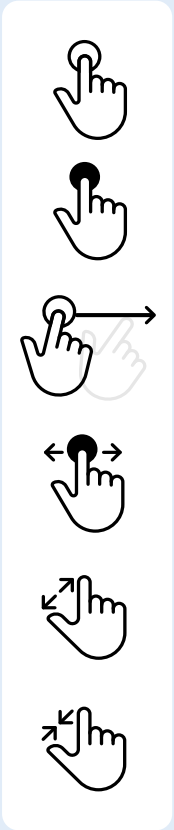
3
GRUNDFOS
1
2
3
4
x 4
ON
OFF
BALL VALVE

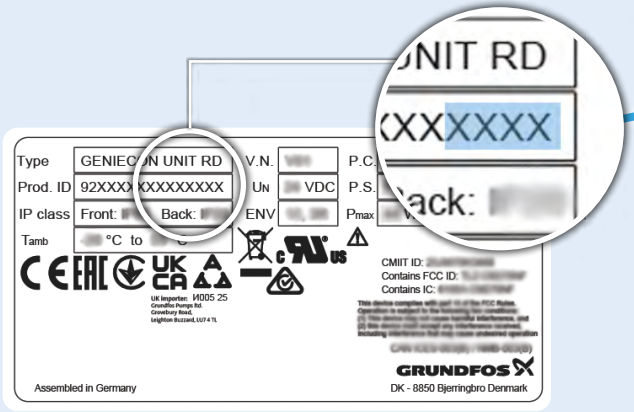

4
1
2
3
4
x 4
ON
OFF
BALL VALVE


5
GRUNDFOS
1
2
3
4
× 4


6


7
ON
OFF
ON
OFF



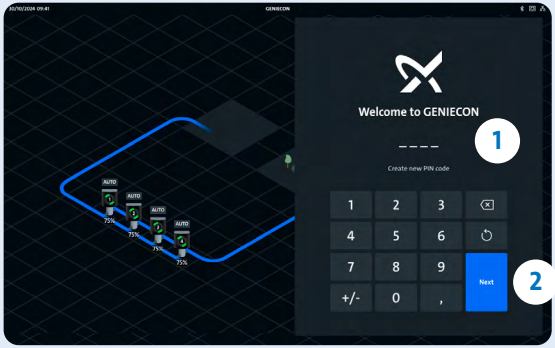

Type
Prod. ID
IP class
Tamb
V.N.
Un
ENV
P.C.
P.S.
Pmax
VDC
Front:
Back:
Assembled in Germany
GRUNDFOS
DK - 8850 Bjerringbro Denmark
CMIIT ID:
Contains FCC ID:
Contains IC:

8

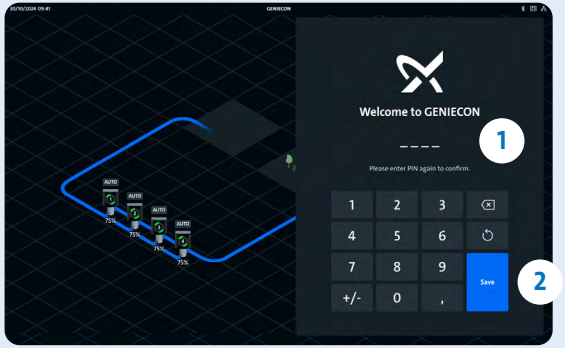
GRUNDFOS

Welcome to GENIECON
1
Enter factory default PIN code for setup
1 2 3
4 5 6
7 8 9
+/- 0 ,
Next
2

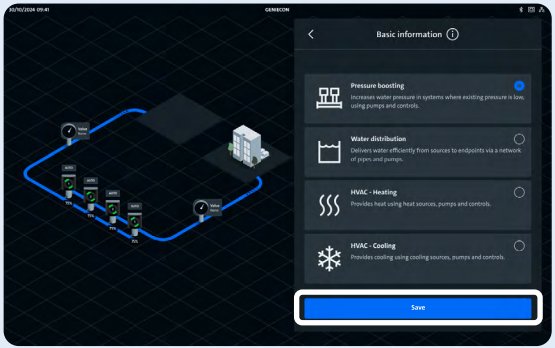
9


Welcome to GENIECON
1
Create new PIN code
1 2 3
4 5 6
7 8 9
+/- 0 ,
Next
2

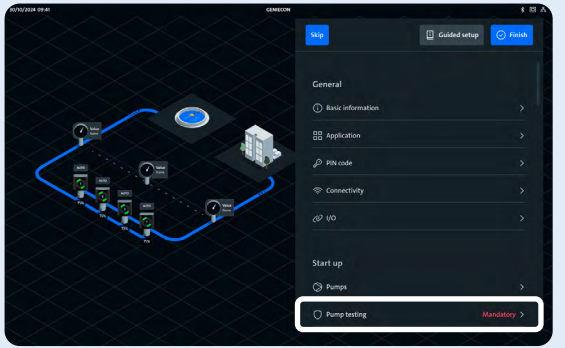
10


Welcome to GENIECON
1
Please enter PIN again to confirm.
1 2 3
4 5 6
7 8 9
+/- 0 ,
Save
2

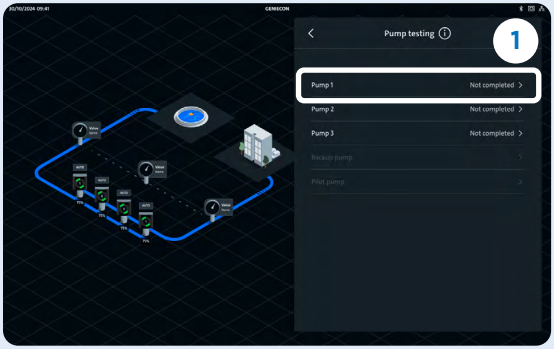
11


Basic information
Pressure boosting
Increases water pressure in systems where existing pressure is low, using pumps and controls.
Water distribution
Delivers water efficiently from sources to endpoints via a network of pipes and pumps.
HVAC - Heating
Provides heat using heat sources, pumps and controls.
HVAC - Cooling
Provides cooling using cooling sources, pumps and controls.
Save

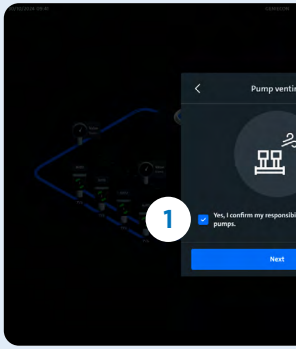
12


Skip
Guided setup
Finish
General
Basic information
Application
PIN code
Connectivity
I/O
Start up
Pumps
Pump testing
Mandatory

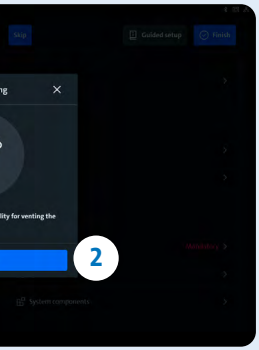
13


GENEICON
Pump testing
1
Pump 1
Not completed
Pump 2
Not completed
Pump 3
Not completed
Backup pump
Pilot pump

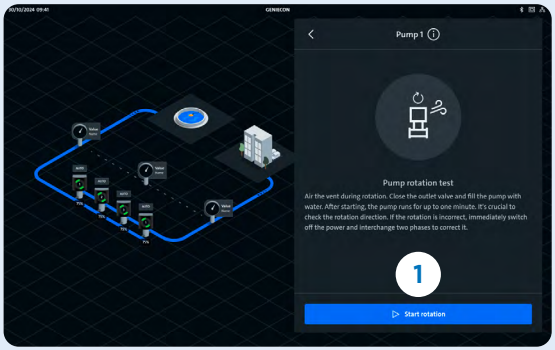
14


1
Yes, I confirm my responsibil
pumps.
Next

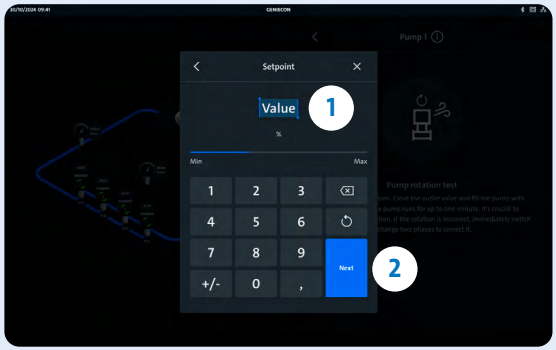
4
3
2
1

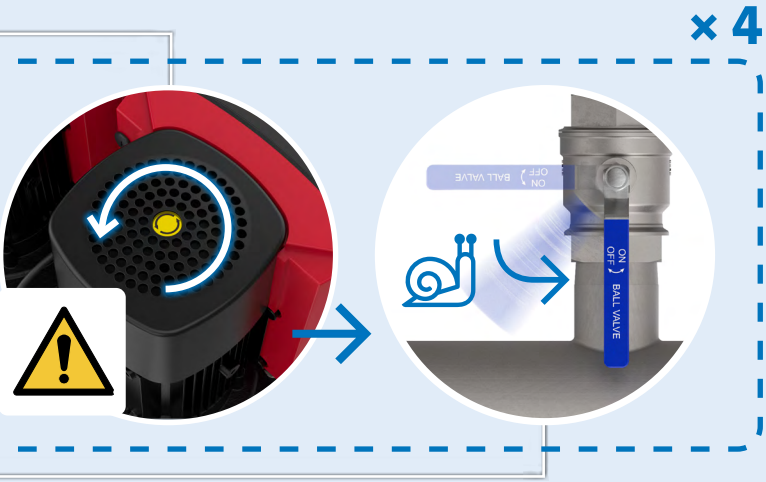

Skip
Guided setup
Finish
2

15

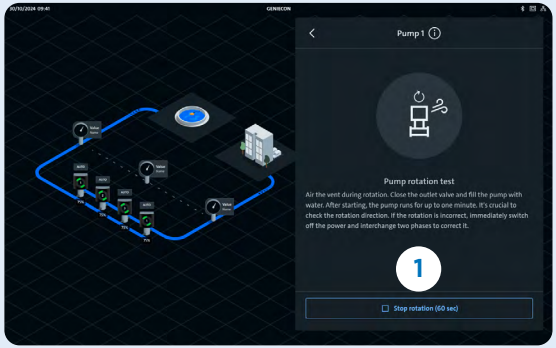

Pump 1
Pump rotation test
Air the vent during rotation. Close the outlet valve and fill the pump with water. After starting, the pump runs for up to one minute. It's crucial to check the rotation direction. If the rotation is incorrect, immediately switch off the power and interchange two phases to correct it.
1
Start rotation

16

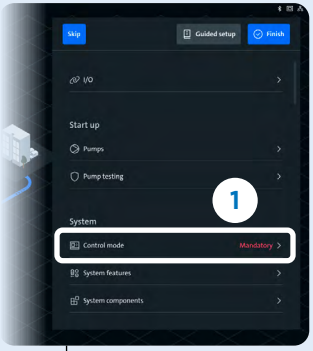

Setpoint
Value
1
%
Min
Max
1
2
3
4
5
6
7
8
9
+/-
0
,
Next
2


× 4
ON
OFF
BALL VALVE

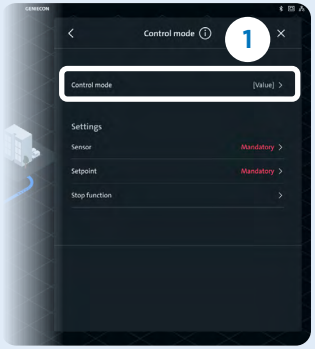
17


Pump 1
Pump rotation test
Air the vent during rotation. Close the outlet valve and fill the pump with water. After starting, the pump runs for up to one minute. It's crucial to check the rotation direction. If the rotation is incorrect, immediately switch off the power and interchange two phases to correct it.
1
Stop rotation (60 sec)

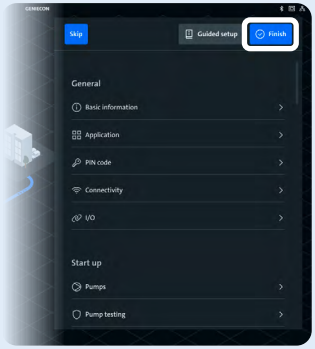
18


Skip
Guided setup
Finish
I/O
Start up
Pumps
Pump testing
System
Control mode
Mandatory
System features
System components
1

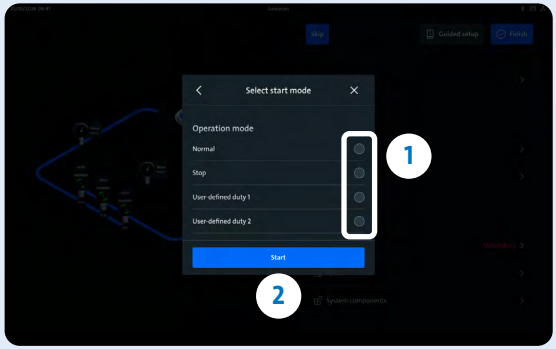
19


Control mode
1
Control mode
[Value]
Settings
Sensor
Mandatory
Setpoint
Mandatory
Stop function

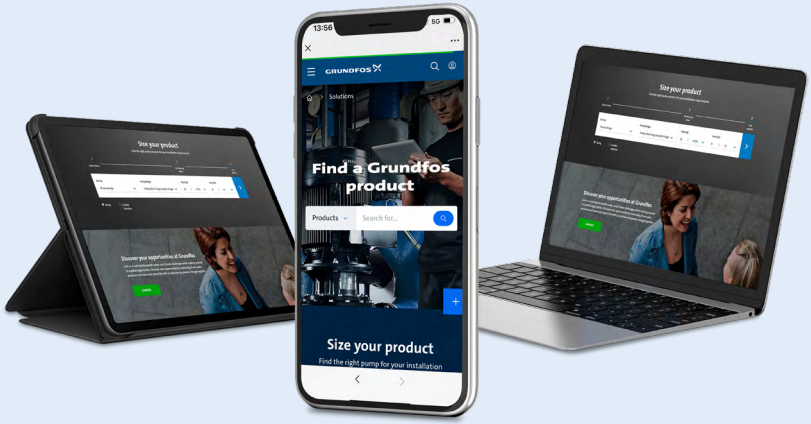
20


Skip
Guided setup
Finish
General
Basic information
Application
PIN code
Connectivity
I/O
Start up
Pumps
Pump testing

21


Select start mode
Operation mode
Normal
Stop
User-defined duty 1
User-defined duty 2
1
Start
2

GRUNDFOS



GENIECON UNIT

Installation and operating instructions
http://net.grundfos.com/qr/i/92956748

GENIECON PANEL

Application and operating instructions
http://net.grundfos.com/qr/i/93049481

GENIECON PANEL

Installation and operating instructions
http://net.grundfos.com/qr/i/92956760

Hydro MPC

Installation and operating instructions
http://net.grundfos.com/qr/i/93242156

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93242173

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