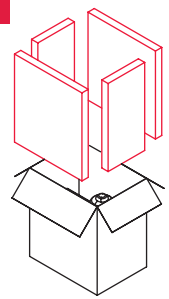
DUTYPOINT

MicroBOOST Quick start guide

Important: please refer to the O&M manual for safety instructions prior to installation. This document is not intended to replace the O&M manual, which can be downloaded by scanning QR in step 8 & 8.1.

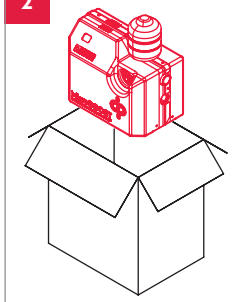
Any trouble? Contact Dutypoint on 01452 300110 and ask for technical support.

1



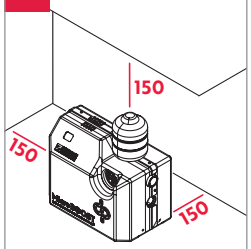
Pull out the side foams.

2



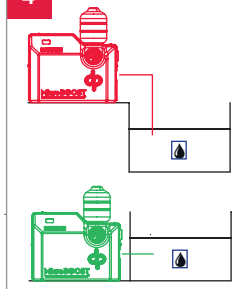
Lift the pump out.

3



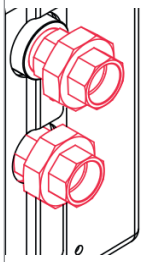
Recommended installation clearances.

4



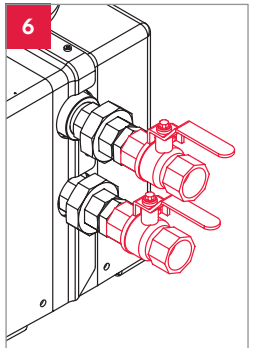
Tank positioning.

5



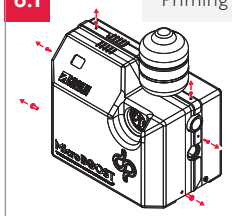
Pipe connections.

6



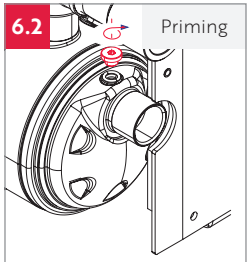
Isolation valves.

6.1 Priming



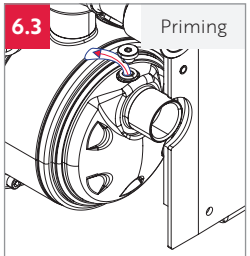
Remove the front part of the enclosure.

6.2 Priming



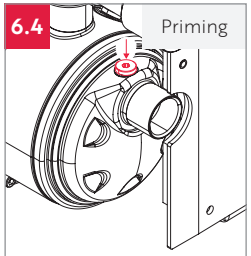
Unscrew the priming port.

6.3 Priming



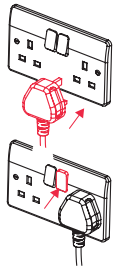
Wait for water to start coming through the screw port.

6.4 Priming



Re-tighten priming port.

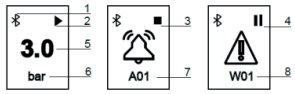
7



Plug in the power and turn on.

Important: Do not carry out this step with wet hands. Ensure the plug is fully dry before connecting to the socket.

i



1. BTLE on. Flashing during communication
2. Motor running
3. Motor stopped
4. Stand-by
5. Value read
6. Units of measurements
7. Alarm
8. Warning

Display icon descriptions (details section 9.3 of manual).

i



Screen rotation: Press and hold + & - for 5 seconds.

8 Setup process

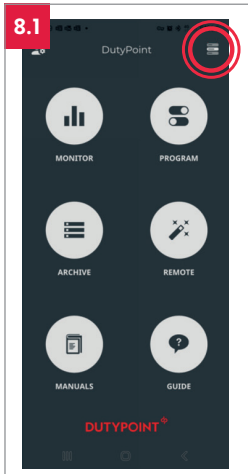
Download on the App Store

GET IT ON Google Play

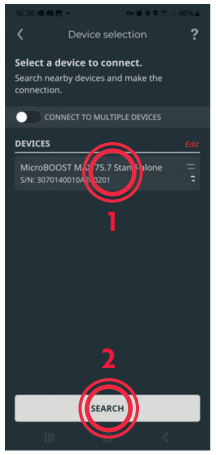
Via app recommended. Skip to step 8.2 for set-up without the app.

When the app asks you to 'scan QR code of the device', scan the above.

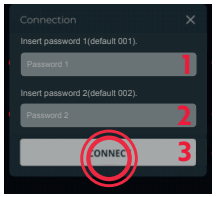
8.1



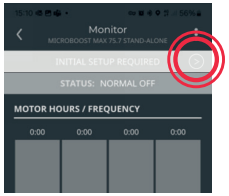
Click to see devices.



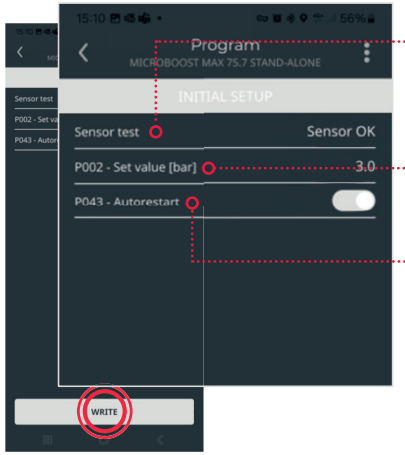
1. Click to connect to the MicroBOOST.
2. Click to refresh list



1. Enter: password 001
2. Can be left blank.
3. Click to connect



Click to initiate set-up process.



If there is an issue with the sensor wiring, a fault will show here. In the event of a fault, contact Dutypoint for assistance.

Click to adjust the pressure set point.

Leave it checked if you wish the pump to automatically restart in the event of power loss.

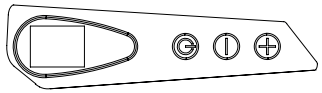
Click to confirm settings and send them to the pump.

Setup process



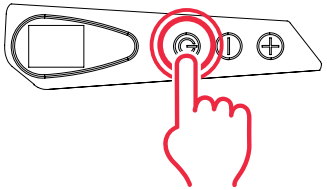
Click to start the pump once the initial set-up has been completed.

8.2 Setup process



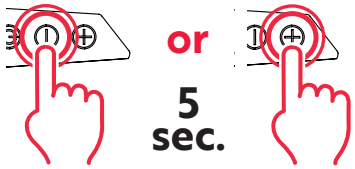
Via keypad
Skip to step 9 if you have already completed the set-up via the app.

8.2.1 Setup process



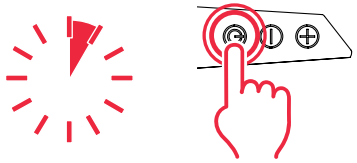
If 3 bar set point is OK, simply press the ⏻ button.

8.2.2 Setup process



If the set point needs to be adjusted, press and hold ⊕ or ⊖ for 5 sec (until the value flashes), then adjust accordingly.

8.2.3 Setup process



Confirm the value by waiting for 5 seconds for the value to turn solid or by pressing the ⏻ button.

8.2.4 Setup process

Then press ⏻ button again to turn on the pump. To confirm the pump has been turned on, check the symbol in the top right of the screen; this will change from ■ to either ▶ (if the pump is running) or ⏸ (if the pump is in standby due to already being up to set pressure).

9

Pressure vessel pre-charge adjustment

i

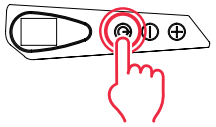
2.4 - 3 bar

Note the pressure pre-charge only needs to be adjusted if the pressure set point value (as set in step 9) is adjusted to greater than 3 bar or less than 2.4 bar.

i

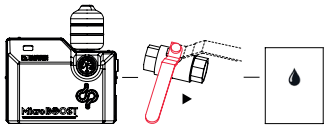
The vessel pre-charge should be set to approx. 80% of the pump pressure set point value. **To adjust the pre-charge, follow the next steps.**

9.1 Pre-charge adjustment



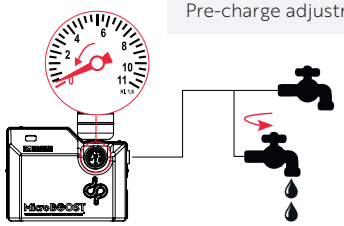
Turn the pump off.
Check the icon at the top right of the screen has changed to ■ to confirm the pump is off.

9.2 Pre-charge adjustment



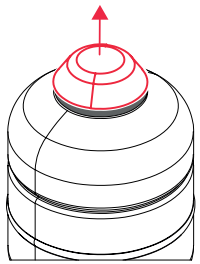
Close the suction isolation valve (between the tank and pump).

9.3 Pre-charge adjustment



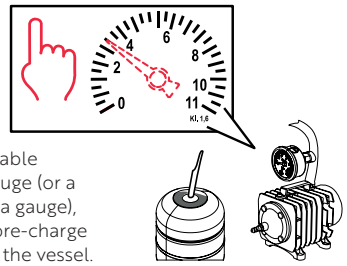
Drain the discharge pipework to the point that the pressure gauge is showing zero pressure.

9.4 Pre-charge adjustment



Remove the black protective cap on top of the pressure vessel to expose the Schrader valve.

9.5 Pre-charge adjustment

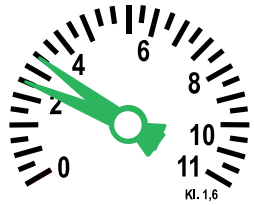


Using a suitable pressure gauge (or a pump with a gauge), check the pre-charge pressure of the vessel.

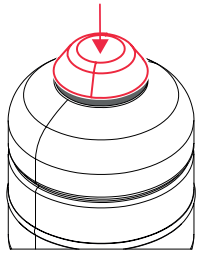
9.6 Pre-charge adjustment

2.4 - 3 bar

Release or add air as necessary to adjust to the required pre-charge pressure.

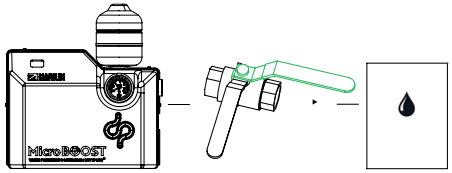


9.7 Pre-charge adjustment



Replace the protective air valve cap.

9.8 Pre-charge adjustment



Ensure the suction isolation valve is opened again before turning the pump back on.

10

Lock keypad function - Press and hold the ⏻ button for 5 seconds until the padlock icon appears on the screen. Whilst the padlock icon is showing, the screen is in lock function which means none of the parameters can be adjusted, and the pump cannot be started or stopped via the keypad. Press and hold the ⏻ button for 5 seconds again to exit the lock function.

11

Scan here to register your 4-year warranty