











Welcome to WaterBoost

The WB-Compact 4.5 is an inline variable-speed mains pressure booster pump. It automatically detects low water pressure and boosts your supply up to 4.5 bar. Please read this guide fully before starting installation.



SAFETY — READ BEFORE INSTALLATION

-  **Electrical:** This product must be installed by a qualified electrician. Ensure power is off before installation.
-  **Water:** Installation must comply with Water Supply (Water Fittings) Regulations 1999.
-  **IP Rating:** Indoor installation only. IP X4 — keep away from direct water spray.
-  **Bypass:** A full-bore bypass valve is recommended so water supply is maintained during maintenance.
-  **Temperature:** Inlet water temperature must not exceed 30°C. Not for use with hot water systems.

WHAT'S IN THE BOX

-  1x WB-Compact 4.5 booster pump unit
-  2x 1" BSP female straight connection fittings
-  4x Anti-vibration feet
-  1x Power cable with plug
-  1x Quick start guide

TOOLS REQUIRED

-  Adjustable spanner
-  PTFE tape
-  Drill (if wall-mounting)
-  Spirit level

INSTALLATION — STEP BY STEP

1 Turn off the water supply

Locate and close your stopcock. Turn on a tap to release pressure from the pipes.

2 Choose your installation point

Install the pump on the incoming mains cold water pipe, after the stopcock. The pump must be installed horizontally. Allow min 100mm clearance above and 150mm clearance below for pipework.

3 Prepare the pipework

Cut the pipe at the chosen installation point. The pump has 1" BSP female connections. Use the female straight fittings supplied for a standard inline installation. Wrap the threads with PTFE tape before fitting.

4 Connect the fittings

Brass connections are pre-fitted to the pump. Attach the inlet (IN) fitting to the incoming mains pipe and the outlet (OUT) fitting to the supply pipe going into your property. Hand-tighten then give a further half turn with a spanner — do not exceed 15 Nm. Do not overtighten.

5 Install the bypass (recommended)

Fit a full-bore bypass valve in parallel with the pump. This allows water to flow even when the pump is offline for maintenance. Use the bypass to isolate the pump.

6 Turn the water back on

Open the stopcock slowly. Check all connections for leaks. If any are found, tighten slightly. Do not over-tighten plastic fittings.

7 Connect to power

Plug the pump into a switched fused spur (5A fuse) or standard 13A socket. The socket must be accessible and suitable for the IP rating of the installation location.

8 Start the pump

Switch on the power. The pump will start automatically when water flow is detected. Open a tap — the pump should activate within a few seconds.

KEY SETTINGS

Pressure setpoint

The factory default pressure setpoint is 3.0 bar.
To adjust: with the pump powered on, press and hold the + or – buttons on the LCD display for 3 seconds.
Adjust in 0.5 bar increments up to 4.5 bar max.

Standby / On

Press the power button once to toggle between ON and STANDBY modes. In standby the pump will not activate even when flow is detected.

Anti-cycling

The pump includes built-in anti-cycling protection to prevent rapid on/off switching. If the pump cycles frequently, check for a dripping tap or running toilet.

Dry-run protection

If no water is present, the pump will shut down automatically after 8 seconds to prevent damage. LED indicator will flash. Check water supply before resetting by pressing the power button.

WI-FI / DCONNECT APP SETUP

- 1 Download the DAB DConnect app (iOS / Android).
- 2 Power on the pump — hold the Wi-Fi button for 3 sec.
- 3 The Wi-Fi LED will flash — the pump is in pairing mode.
- 4 Open the app and select 'Add new device'.
- 5 Follow the in-app instructions to connect to your network.
- 6 Once connected, monitor and adjust pressure remotely.
- 7 Voice control: link via Google Home or Amazon Alexa.

TROUBLESHOOTING

Pump does not start

- Check power supply is connected and switched on.
- Check the stopcock is fully open.
- Check for dry-run shutdown — reset by pressing power button.
- Ensure water pressure at inlet is above 0.3 bar.

Low pressure / flow

- Check the inlet pipe is not partially blocked or scaled.
- Verify the pressure setpoint has not been reduced.
- Confirm mains supply pipe diameter is at least 15mm.
- Check bypass valve is fully closed.

Pump runs continuously

- Check for a dripping tap, running toilet, or leaking valve.
- The anti-cycling setting may need adjusting via app.
- Ensure the bypass is not partially open.

Pump is noisy

- Air in the system — run all taps until flow is steady.
- Check all fittings are tight.
- Ensure pump is mounted horizontally and securely.

Wi-Fi not connecting

- Ensure your router is 2.4GHz (not 5GHz only).
- Move the pump closer to the router during setup.
- Reset the pump Wi-Fi by holding button 10 seconds.

Leak at connections

- Re-apply PTFE tape and re-tighten the fitting.
- Do not exceed 1/4 turn past hand-tight with a spanner.
- Check sealing washer is correctly seated.

Need help? Contact us

waterboost.co.uk · anglianpumping.com



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