



WaterBoost

Sentry WB-K15

CAT 5 kiosk booster for bin stores, bib taps, irrigation and window cleaning

Part No. WB-K15

Get in touch



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CAT 5 · TYPE AB AIR GAP

Boosted CAT 5 water. Locked in a kiosk.

The WaterBoost Sentry WB-K15 is a single-pump CAT 5 booster set: a 15 litre polyethylene tank with a type AB air gap and a WaterBoost WB-Compact 3.0 variable-speed booster, housed in a lockable IP54 GRP kiosk. Up to 3.0 bar at up to 12 L/min. Mount it on a wall or floor, inside or outside.



15 L

CAT 5 tank

3.0 bar

Max pressure

12 L/min

Max flow

40 dB(A)

Measured noise

IP54

GRP kiosk

KEY FEATURES

- Type AB air gap for Fluid Category 5 backflow protection
- WB-Compact 3.0 variable-speed inverter booster
- Up to 3.0 bar at up to 12 L/min
- Quiet running — measured 40 dB(A)
- Robust IP54 GRP enclosure
- Full-opening, hinged, lockable door
- Wall or floor mounting, inside or outside
- All mechanical and electrical connections terminate outside the kiosk
- WiFi — DConnect app, Google Home and Amazon Alexa
- Optional 230 V AC frost heater

WHAT'S INCLUDED

Kiosk

IP54 GRP enclosure, full-opening hinged lockable door

Tank

15 L polyethylene, type AB air gap (Fluid Category 5)

Pump

WaterBoost WB-Compact 3.0 variable-speed booster

Connections

½" BSP inlet and outlet, ¾" overflow, 20 mm electrical entry

IDEAL FOR

- Bin stores
- Bib taps
- Irrigation
- Window cleaning
- Any CAT 5 application

**KIOSK & TANK**

Enclosure	GRP, IP54
Door	Full-opening, hinged, lockable
Tank capacity	15 litres
Tank material	Polyethylene
Backflow protection	Type AB air gap (Fluid Category 5)
Mounting	Wall or floor, internal or external
Dimensions	L 320 × W 528 × H 872 mm
Frost heater	Optional, 230 V AC

PUMP — WaterBoost WB-Compact 3.0

Type	Variable-speed inverter booster
Max pressure	3.0 bar
Max flow	12 L/min
Noise	40 dB(A), measured
Connectivity	Built-in WiFi, DConnect app
Voice control	Google Home and Amazon Alexa
Approval	WRAS compliant

CONNECTIONS — all terminate outside the kiosk

Inlet ½" BSP	Outlet ½" BSP	Overflow ¾"	Electrical entry 20 mm
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HOW IT WORKS

- 1** Mains water fills the 15 L tank through the fill valve, across a type AB air gap that protects the supply to Fluid Category 5.
- 2** The WB-Compact 3.0 draws from the tank and boosts the outlet to up to 3.0 bar, at up to 12 L/min.
- 3** Its variable-speed inverter motor adjusts output to match demand, for smooth, stable pressure.
- 4** Built-in WiFi links the pump to the DConnect app for remote monitoring and control.

What is a CAT 5 AB air gap? A type AB air gap gives Fluid Category 5 backflow protection, for applications that need increased protection such as food washing and packing stations, abattoirs, hygienic rooms, surgeries and laboratories.

INSTALLATION CHECKLIST

- 1 Solid base.** Mount the kiosk on a solid foundation such as a concrete plinth or floor. Avoid wooden structures where noise or vibration may be an issue.
- 2 Fill before connecting.** Fill the tank with water through the fill valve before you connect the top discharge pipework, so air can escape from the pump.
- 3 Flexible final run.** Use Speedfit or similar plastic pipe, or pressure-rated flexible hose, for roughly the last 1 m into the unit to cut noise and avoid stressing the connections.

Before you connect the outlet: fill the tank through the fill valve first, so air can escape from the pump. Make the pipework easy to take apart for servicing.