



WaterBoost

WB-EXT Slimline 500

500 Litre Slimline External Pump Boosting System

Part No. 2503210 · DAB Esybox Mini3 Variable Speed



WhatsApp

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500 L

Tank capacity

70 L/min

Max flow

5.5 bar

Max pressure

700 mm Ø

Tank diameter

1500 mm

Tank height

3 yr

Pump warranty

5 yr

Tank warranty

Overview

The WaterBoost WB-EXT Slimline 500 is a pre-built cold water boosting system designed for properties with low mains pressure or flow. The 500 litre WRAS-approved tank stores cold water at atmospheric pressure, while the DAB Esybox Mini3 variable speed pump draws from the tank and delivers boosted flow to all outlets at up to 50 L/min and 3 bar. The external pump sits neatly alongside the tank for easy access and servicing. At just 700mm wide and 1500mm high, it requires a wider access point due to its 700mm diameter and is perfectly suited to 3–5 bedroom homes.

Key features

- 500 litre WRAS-approved slimline tank — 5 year warranty
- DAB Esybox Mini3 variable speed pump — 3 year warranty
- 700mm Ø x 1500mm H — passes through standard doorway
- Fully pre-built and ready to install
- Ideal for under stairs, garages and utility rooms
- 50 L/min at 3 bar — suits 3–5 bedroom homes
- Variable speed pump — energy efficient and quiet
- LCD display with Wi-Fi connectivity (DConnect app)
- Dry-run protection and anti-cycling built in
- Supplied with all connections, float valve and Bylaw 30 kit

What's included

- 500 L WRAS approved slimline blue tank
- DAB Esybox Mini3 variable speed pump (pre-fitted plug)
- 2x union connections
- ¾" ball float valve and float
- Tank-to-pump connection hose
- 1" pre-fitted tank outlet
- Bylaw 30 kit



Ideal for

- 3–5 bedroom homes with low mains pressure
- Properties with limited floor space
- Under stairs, garage or utility room installations
- New builds and retrofit installations
- Shared supply or low-flow mains connections

Technical specifications

Part number	2501210
Tank capacity	500 litres
Tank diameter	700 mm
Tank height	1500 mm
Tank material	HDPE — WRAS approved
Tank colour	Blue
Tank warranty	5 years
Pump	DAB Esybox Mini3
Max flow	70 L/min
Max pressure	5.5 bar
Connection	1" BSP
Power supply	230V / 50Hz
Pump warranty	3 years
Pump IP rating	X4
Display	LCD + Wi-Fi (DConnect app)
WRAS approved	Yes





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System overview — how it works

- 1 Mains water fills the tank**

Cold water from the mains flows into the 500 litre slimline tank via the ball float valve, filling it to atmospheric pressure. The tank acts as a buffer reservoir.
- 2 Pump draws from tank**

When a tap or shower opens, the DAB Esybox Mini3 variable speed pump detects the demand and draws water from the tank, boosting it to the set pressure.
- 3 Variable speed delivers consistent pressure**

The Mini3 intelligently adjusts its speed to maintain constant pressure regardless of how many outlets are open simultaneously — no pressure surges or drops (up to max 50 L/min).
- 4 Tank refills automatically**

As the pump draws from the tank, the ball float valve opens and mains water refills the tank continuously, ensuring a constant supply.

Sizing guide

Bedrooms	3–5
Typical demand	Up to 3 outlets simultaneously
Flow per shower	8–12 L/min
Min mains pressure	0.5 bar static (tank gravity-fills)
Usable volume	500 litres

