



WaterBoost

WB-INT Slimline 500 Variable Speed

500 Litre Slimline Internal Pump Boosting System

Part No. 2409310 · DAB Esybox Diver Variable Speed



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waterboost.co.uk

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500 L Tank capacity	100 L/min Max flow	5 bar Max pressure	700 mm Ø Tank diameter	1500 mm Tank height	3 yr Pump warranty	5 yr Tank warranty
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Overview

The WaterBoost WB-INT Slimline 500 Variable Speed 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 Diver variable speed pump is housed inside the tank, delivering boosted flow to all outlets at 80 L/min at 3 bar. At 700 mm wide and 1500 mm high it is suited to larger properties and is perfectly suited to 3–5 bedroom homes.

Key features

- 500 litre WRAS-approved slimline tank — 5 year warranty
- DAB Esybox Diver variable speed pump — 3 year warranty
- 700 mm Ø × 1500 mm H
- Fully pre-built and ready to install
- Ideal for under stairs, garages and utility rooms
- 80 L/min at 3 bar — suits 3–5 bedroom homes
- Internal pump — compact, self-contained unit
- Wi-Fi connectivity (DConnect app)
- Voice control via Google Home / Alexa
- Dry-run protection and anti-cycling built in
- Supplied with float valve and Bylaw 30 kit

What's included

- 500 L WRAS approved slimline blue tank
- DAB Esybox Diver variable speed pump with pre-fitted plug
- 3/4" ball float valve and float
- 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	2409310
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 Diver
Max flow	100 L/min
Max pressure	5 bar
Connection	1" BSP
Power supply	230V / 50Hz
Pump warranty	3 years
Pump IP rating	X4
Display	Wi-Fi (DConnect app)
WRAS approved	Yes



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System overview — how it works

- 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.
- Pump draws from tank**
When a tap or shower opens, the DAB Esybox Diver variable speed pump — housed inside the tank — detects the demand and draws water from the tank, boosting it to the set pressure.
- Variable speed delivers consistent pressure**
The Esybox Diver intelligently adjusts its speed to maintain constant pressure regardless of how many outlets are open simultaneously — no pressure surges or drops (up to max 100 L/min).
- 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 5 outlets simultaneously
Flow per shower	8–12 L/min
Min mains pressure	0.5 bar static (tank gravity-fills)
Usable volume	500 litres

Pump performance curve — DAB Esybox Diver

