



WaterBoost

WB-Fixed Slimline 500

500 Litre Slimline Fixed Speed Internal Pump Boosting System

Part No. 2309310 · DAB Dtron2 Fixed Speed



WhatsApp
07464 644 830

waterboost.co.uk
sales@waterboost.co.uk

500 L Tank capacity	100 L/min Max flow	4.5 bar Max pressure	700 mm Ø Tank diameter	1500 mm Tank height	2 yr Pump warranty	5 yr Tank warranty
-------------------------------	------------------------------	--------------------------------	----------------------------------	-------------------------------	------------------------------	------------------------------

Overview

The WaterBoost WB-Fixed Slimline 500 is a cost-effective, 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 Dtron2 fixed speed internal pump delivers boosted flow at 50 L/min at 3 bar. At 700 mm wide and 1500 mm high it is suited to larger properties and ideally suited to 2–4 bedroom homes.

Key features

- 500 litre WRAS-approved slimline tank — 5 year warranty
- DAB Dtron2 fixed speed pump — 2 year warranty
- 700 mm Ø × 1500 mm H
- Fully pre-built and ready to install
- Ideal for under stairs, garages and utility rooms
- 50 L/min at 3 bar — suits 2–4 bedroom homes
- Internal pump — compact, self-contained unit
- Dry-run protection built in
- Supplied with float valve and Bylaw 30 kit
- Cost-effective fixed speed solution

What's included

- 500 L WRAS approved slimline blue tank
- DAB Dtron2 fixed speed pump with pre-fitted plug
- 3/4" ball float valve and float
- 1" pre-fitted tank outlet
- Bylaw 30 kit

Ideal for

- 2–4 bedroom homes with low mains pressure
- Properties with limited floor space
- Garage or utility room installations
- New builds and retrofit installations
- Cost-conscious installations requiring reliable boosting



Technical specifications

Part number	2309310
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 Dtron2
Pump type	Fixed speed
Max flow	100 L/min
Max pressure	4.5 bar
Connection	1" BSP
Power supply	230V / 50Hz
Pump warranty	2 years
Float valve	3/4" ball float valve



WaterBoost

WB-Fixed Slimline 500

500 Litre Slimline Fixed Speed Internal Pump Boosting System

Part No. 2309310 · DAB Dtron2 Fixed Speed



WhatsApp
07464 644 830

waterboost.co.uk
sales@waterboost.co.uk

500 L Tank capacity	100 L/min Max flow	4.5 bar Max pressure	700 mm Ø Tank diameter	1500 mm Tank height	2 yr Pump warranty	5 yr Tank warranty
-------------------------------	------------------------------	--------------------------------	----------------------------------	-------------------------------	------------------------------	------------------------------

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 Dtron2 fixed speed pump detects the demand and draws water from the tank, boosting it to the set pressure.
- Fixed speed delivers consistent pressure**
The Dtron2 pump delivers a steady 50 L/min at 3 bar, providing reliable boosted pressure to all outlets — a simple, cost-effective solution.
- 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	2–4
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

Fixed Speed vs Variable Speed

The WB-Fixed uses a reliable fixed-speed pump — a cost-effective choice for straightforward boosting. For variable-speed Wi-Fi control, see the WB-INT Slimline 500 Variable Speed.

