



# WaterBoost

## WB-Fixed Slimline 150

150 Litre Slimline Fixed Speed Internal Pump Boosting System  
Part No. 2301510 · DAB Divertron Fixed Speed



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|                               |                             |                                |                                  |                              |                              |                              |
|-------------------------------|-----------------------------|--------------------------------|----------------------------------|------------------------------|------------------------------|------------------------------|
| <b>150 L</b><br>Tank capacity | <b>80 L/min</b><br>Max flow | <b>4.5 bar</b><br>Max pressure | <b>600 mm Ø</b><br>Tank diameter | <b>650 mm</b><br>Tank height | <b>2 yr</b><br>Pump warranty | <b>5 yr</b><br>Tank warranty |
|-------------------------------|-----------------------------|--------------------------------|----------------------------------|------------------------------|------------------------------|------------------------------|

### Overview

The WaterBoost WB-Fixed Slimline 150 is a cost-effective, pre-built cold water boosting system designed for properties with low mains pressure or flow. The 150 litre WRAS-approved tank stores cold water at atmospheric pressure, while the DAB Divertron fixed speed internal pump delivers boosted flow at 45 L/min at 3 bar. At just 600 mm wide and 650 mm high it passes through a standard doorway and is ideally suited to 1–3 bedroom homes.

### Key features

- 150 litre WRAS-approved slimline tank — 5 year warranty
- DAB Divertron fixed speed pump — 2 year warranty
- 600 mm Ø × 650 mm H — passes through standard doorway
- Fully pre-built and ready to install
- Ideal for under stairs, garages and utility rooms
- 45 L/min at 3 bar — suits 1–3 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

- 150 L WRAS approved slimline blue tank
- DAB Divertron fixed speed pump with pre-fitted plug
- 1/2" ball float valve and float
- 1" pre-fitted tank outlet
- Bylaw 30 kit

### Ideal for

- 1–3 bedroom homes with low mains pressure
- Properties with limited floor space
- Under stairs, garage or utility room installations
- New builds and retrofit installations
- Cost-conscious installations requiring reliable boosting



### Technical specifications

|               |                              |
|---------------|------------------------------|
| Part number   | <b>2301510</b>               |
| Tank capacity | <b>150 litres</b>            |
| Tank diameter | <b>600 mm</b>                |
| Tank height   | <b>650 mm</b>                |
| Tank material | <b>HDPE — WRAS approved</b>  |
| Tank colour   | <b>Blue</b>                  |
| Tank warranty | <b>5 years</b>               |
| Pump          | <b>DAB Divertron</b>         |
| Pump type     | <b>Fixed speed</b>           |
| Max flow      | <b>80 L/min</b>              |
| Max pressure  | <b>4.5 bar</b>               |
| Connection    | <b>1" BSP</b>                |
| Power supply  | <b>230V / 50Hz</b>           |
| Pump warranty | <b>2 years</b>               |
| Float valve   | <b>1/2" ball float valve</b> |



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### System overview — how it works

- Mains water fills the tank**  
Cold water from the mains flows into the 150 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 Divertron fixed speed pump detects the demand and draws water from the tank, boosting it to the set pressure.
- Fixed speed delivers consistent pressure**  
The Divertron pump delivers a steady 45 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           | 1–3                                 |
| Typical demand     | Up to 2 outlets simultaneously      |
| Flow per shower    | 8–12 L/min                          |
| Min mains pressure | 0.5 bar static (tank gravity-fills) |
| Usable volume      | 150 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 300 Variable Speed.

