



WaterBoost

ATX-450 4.5

Whole-house mains pressure booster — 450 L accumulator & WB-Compact 4.5 pump

Part No. ATX-450 4.5

Get in touch



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waterboost.co.uk
anglianpumping.com

IN STOCK · FAST DISPATCH

Three bathrooms at once. Charged to 4.5 bar.

The WaterBoost ATX-450 4.5 is the highest-capacity high-pressure model in the ATX range. A 450 litre sealed WRAS-approved accumulator with the WB-Compact 4.5 variable speed pump alongside, connected directly to the mains and charged up to 4.5 bar. Up to 80 L/min peak, 36 L/min at up to 4.5 bar for up to 11 minutes, then 12 L/min at 3.0 bar continuous. For large, high-demand homes with three bathrooms in use, rain heads and unvented cylinders that want more than 3 bar.



4.5 bar

Max pressure

450 L

Accumulator · 270 L useable

80 L/min

Peak flow

36 L/min

@ 4.5 bar · up to 11 min

5 yr

Tank warranty

KEY FEATURES

- Charged up to 4.5 bar — the highest in the ATX range
- Rain heads, body jets, top-floor bathrooms, unvented cylinders
- Direct to mains: no break tank, no overflow, two connections
- Fully sealed vessel — zero air contact, no hygiene maintenance
- Variable-speed inverter — only boosts the shortfall
- Instant 36 L/min from stored volume, 12 L/min at 3.0 bar continuous
- 30-second pump swap — 2-clip dock and full-bore bypass
- Dry run protection and anti-seize exercise function
- 40 dB(A) · WiFi via the DAB H2D app · Power Shower mode

WHAT'S INCLUDED

Vessel

450 L vertical accumulator, WRAS approved, on stand

Pump

WaterBoost WB-Compact 4.5 (ACM) variable speed booster

Dock

ATX 2-clip dock with full-bore mains bypass

Pipework

Flexible connections, vessel to pump

Fittings

2 × 1" BSP multi-directional connections

App

DAB H2D app — WiFi monitoring & control

IDEAL FOR

- Rain heads and body-jet showers
- Top-floor bathrooms in three-storey homes
- Unvented cylinders needing more than 3 bar
- 3–4+ bed and high-demand homes, three bathrooms in use

VESSEL — 450 L accumulator

Capacity	450 litres · 270 litres useable
Approval	WRAS approved
Type	Sealed, pressurised — no air contact
Working pressure	Charged up to 4.5 bar
Height · diameter	1,822 mm · 662 mm
Connections	2 × 1" BSP, multi-directional
Overflow	Not required
Warranty	5 years

PUMP — WB-Compact 4.5

Model	WB-Compact 4.5 (ACM series)
Type	Variable speed inverter
Max pressure	4.5 bar
Real-world output	12 L/min at 3.0 bar
Noise	40 dB(A)
Dimensions	439 × 263 × 236 mm
Protection	Dry run · anti-seize exercise
Connectivity	WiFi — DAB H2D app
Approval	WRAS approved — direct mains
Warranty	3 years

SYSTEM OVERVIEW

Part number	ATX-450 4.5
Availability	In stock — ships same or next working day
Dimensions	1,822 mm high · 935 mm total width with pump alongside
Weight	~84 kg empty · ~534 kg filled — confirm floor loading
Suited to	3–4+ bed homes · three bathrooms at once · rain heads · unvented
Combined warranty	Tank 5 years · Pump 3 years
Supplied by	Anglian Pumping Services — established 1975

HOW IT WORKS

- 1 The WB-Compact 4.5 charges the sealed 450 L vessel up to 4.5 bar; 270 L is held ready
- 2 Open a tap and the stored volume delivers an instant boost — 36 L/min at up to 4.5 bar for up to 11 min
- 3 The pump measures incoming pressure and adds only the shortfall to the 4.5 bar set point
- 4 Stored volume used? Boosting continues at 12 L/min at 3.0 bar; the vessel recharges to 4.5 when demand stops

Specification notes. Direct-mains system — continuous flow after discharge is limited to 12 L/min under the Water Fittings Regulations. Appliances downstream rated below 4.5 bar need their own PRV; combis and unvented cylinders regulate at their inlet group. If 3.2 bar is enough, see the standard ATX-450. Smaller property? Step down to the ATX-300 4.5, 250 4.5 or 200 4.5.

TWO-PHASE OPERATION

Phase 1 — stored	36 L/min @ up to 4.5 bar
Duration	Up to 11 min
Peak burst	Up to 80 L/min
Phase 2 — continuous	12 L/min @ 3.0 bar
Recharge	Automatic on demand stop
Flow rates depend on incoming mains supply	

Established 1975
In stock
Fast dispatch