

WaterBoost™ WB-INT CAT 5

Slimline 500 Variable Speed — Fluid Category 5 Boosted Water System

500 L WRAS tank · Type AB air gap · DAB Eskybox Diver internal pump · 100 l/min · 5 bar

Part code 2409310CT5

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Cat 5 protection built in. Full pressure, whisper quiet.

The WB-INT CAT 5 Slimline 500 is our WB-INT Slimline 500 boosted water system fitted with a Type AB air gap and screened weir overflow grille, so it can be connected to the mains wherever the Water Regulations demand fluid category 5 backflow protection. A 500 litre WRAS-approved upright tank with the DAB Eskybox Diver variable speed pump submerged inside it delivers up to 100 litres a minute at up to 5 bar, with nothing downstream ever able to reach the public supply. No separate break tank, no RPZ valve, no annual RPZ test.



100 l/min
MAX FLOW

5 bar
MAX PRESSURE

500 L
TANK STORAGE

Cat 5
TYPE AB AIR GAP

700 mm
DIAMETER

KEY FEATURES

- Type AB air gap with screened weir overflow grille — fluid category 5 as delivered
- DAB Eskybox Diver variable speed pump submerged in the tank: constant pressure, almost silent
- 500 L WRAS-approved upright slimline tank for sustained high demand
- Pre-fitted ¾" float valve for direct mains connection
- WiFi with DConnect app; Google Home and Amazon Alexa voice control
- GWS PressureWave PWB-2LX expansion vessel supplied
- Fully pre-assembled — connect mains, outlet, overflow and power

WHERE CAT 5 IS REQUIRED

- Farms, stables, kennels, catteries and vets
- Nurseries, garden centres and mains-fed irrigation
- Dental and GP surgeries, care homes, laboratories
- Car washes, food and drink premises, workshops
- Any site where the water company asks for fluid category 5

WHAT'S INCLUDED

- 500 L tank with Type AB weir overflow grille
- DAB Eskybox Diver pump, installed
- ¾" float valve, outlet connection
- PWB-2LX expansion vessel

Do you need Cat 5? For a normal home feeding taps, showers and a hot water cylinder, the standard WB-INT Slimline 500 is sufficient. Cat 5 is required where boosted water feeds outlets that could contaminate it — animals, irrigation, medical, laboratory, vehicle washing or industrial process — or where your water company has specified fluid category 5.

SYSTEM		TANK & CONNECTIONS	
Model	WB-INT CAT 5 Slimline 500 Variable Speed	Tank	500 L upright slimline, WRAS approved
Part code	2409310CT5	Diameter	700 mm
Backflow protection	Fluid category 5 — Type AB air gap, screened weir overflow	Height	1,500 mm
Maximum flow	100 l/min	Mains inlet	¾" float valve, pre-fitted
Maximum pressure	5 bar	Overflow	Screened weir overflow grille — pipe to a visible discharge point
Pump	DAB Eskybox Diver, variable speed, submerged	Outlet	Pre-fitted, pump discharge
Power supply	230 V single-phase	Approvals	WRAS tank and pump; Water Supply (Water Fittings) Regs 1999 fluid category 5
Connectivity	WiFi, DAB DConnect app, Google Home, Amazon Alexa	Warranty	Tank 5 years · pump 3 years (DAB)
Expansion vessel	GWS PressureWave PWB-2LX (supplied)		

HOW THE TYPE AB AIR GAP WORKS	
Fill	Mains water enters through the float valve, which discharges above the water surface into the tank
Air gap	The weir overflow is set below the float valve outlet, so the water level can never rise to the valve, even with the valve failed open and the overflow running
Screen	The grille screens the overflow against insects and debris entering the tank
Result	A physical break between mains and system: nothing downstream of the tank can reach the public supply. Accepted as the Cat 5 alternative to an RPZ valve, with no annual test

WB-INT SLIMLINE RANGE						
Model	Tank	Pump	Max flow	Max pressure	Backflow	
WB-INT Slimline 300	300 L	Eskybox Diver	100 l/min	5 bar	Standard (Cat 3)	
WB-INT CAT 5 Slimline 300	300 L	Eskybox Diver	100 l/min	5 bar	Cat 5 — Type AB	
WB-INT Slimline 500	500 L	Eskybox Diver	100 l/min	5 bar	Standard (Cat 3)	
WB-INT CAT 5 Slimline 500	500 L	Eskybox Diver	100 l/min	5 bar	Cat 5 — Type AB	

Installation notes. Stand the tank on a level floor able to take its filled weight (approx. 570 kg). Connect the mains to the float valve and pipe the overflow to a visible discharge point so a running overflow is noticed. Fit the PWB-2LX vessel in the outlet pipework as close to the tank as practical. Provide a 230 V supply on an RCD-protected circuit. Do not alter or remove the weir overflow grille — it is what makes the installation Cat 5 compliant.