WaterBoost WB-Coffin 110 Mini3 Variable Speed 2204210

110 L loft coffin tank + DAB Esybox Mini3 variable speed booster



A low-profile, variable-speed boosting system for spaces with almost no headroom. A 110-litre WRAS-approved loft coffin tank only 310 mm tall, paired with the proven DAB Esybox Mini3 — 50 l/min at 3 bar and up to 5.5 bar. The mains fills the tank through a ½" float valve; the pump draws from the tank and boosts pressure to the property. Made for lofts, eaves, under-floor voids, under stairs and low cupboards.

50 l/min	80 l/min	5.5 bar	310 mm
FLOW @ 3 BAR	MAX FLOW	MAX PRESSURE	TANK HEIGHT

Tank & pump WRAS approved · WiFi · DConnect · Direct mains fill · Heat pump / unvented ready · 3-year DAB pump warranty

Key features

310 mm tank height
180 mm lower than the WB-Coffin 200 — fits lofts, eaves and under-floor voids.

50 l/min @ 3 bar
Inverter-driven variable speed — steady pressure to several outlets.

Up to 5.5 bar
Settable pressure for upper floors and modern showers.

45 dB(A)
Water-cooled motor and anti-vibration feet — quiet near living areas.

WiFi monitoring
DConnect app for remote monitoring, pressure adjustment and fault alerts.

Complete kit
Lid, insulation, Byelaw 30 kit, float valve, service valve and pipework included.

What's included

DAB Esybox Mini3 pump
50 l/min @ 3 bar, max 80 l/min, 55 m max head, 5.5 bar settable. Built-in inverter, 1 L expansion vessel, WiFi (DConnect), 45 dB(A).

110 L loft coffin tank
1390 × 500 × 310 mm, BS 4213, WRAS approved. Snap-on lid, insulation and Byelaw 30 kit.

Fittings & pipework
½" BS 1212-2 float valve, 22 mm tank connector, 15 mm × ½" angled service valve and all tank-to-pump pipework.

Technical specifications

DAB ESYBOX MINI3 PUMP	
Flow rate	50 l/min @ 3 bar
Max flow rate	80 l/min
Max head	55 m
Max settable pressure	5.5 bar
Max working pressure	7.5 bar
Motor power	0.85 kW
Noise	45 dB(A) at 1 m
Connectivity	WiFi — DConnect app
Expansion vessel	1 L integrated
Liquid temperature	0–35 °C (domestic)
Power supply	230 V / 50 Hz, single phase
Dimensions (W×D×H)	263 × 236 × 439 mm
WRAS	Approved
Warranty	3 years (DAB)

110 L COFFIN TANK	
Capacity	110 litres (114 L nominal / 25 gal)
Dimensions (L × W × H)	1390 × 500 × 310 mm
Standard	BS 4213
Mains inlet	½″ BS 1212-2 float valve
Tank outlet	22 mm tank connector
Service valve	15 mm × ½″ angled
Lid	Snap-on, supplied
Byelaw 30 kit	Supplied
Insulation	Supplied
WRAS	Approved
Min. mains inlet pressure	0.5 bar recommended

Dimensions



Front elevation, to scale. All dimensions in mm. Pump positioned alongside the tank.

Installation notes

- Fill the tank from the mains through the supplied ½″ float valve — minimum 0.5 bar inlet pressure recommended.
- The Esybox Mini3 must draw from the tank; it cannot be connected directly to the mains.
- Site the pump frost-free, within reach of a 230 V socket, with isolating valves on the pump inlet and outlet.
- The pump stands 439 mm tall — allow for it alongside the 310 mm tank when checking headroom.
- A full tank holds about 110 kg of water — the base or loft boards must be level and able to take the load.
- Keep stored water below 35 °C. Fit the supplied lid, insulation and Byelaw 30 kit.

WB-Coffin range

Model	110 Mini3	110 POP	200 POP	200 Mini3
Pump	Esybox Mini3	Esybox Pop	Esybox Pop	Esybox Mini3
Tank storage	110 L	110 L	200 L	200 L
Tank height	310 mm	310 mm	490 mm	490 mm
Flow @ rated pressure	50 l/min @ 3 bar	24 l/min @ 2.5 bar	24 l/min @ 2.5 bar	50 l/min @ 3 bar
Max flow	80 l/min	65 l/min	65 l/min	80 l/min
Max pressure	5.5 bar	3.2 bar	3.2 bar	5.5 bar
App	DConnect	H2D	H2D	DConnect

320 L and 450 L Mini3 models also available.

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