Booster Pump Flow Rate

Variable Speed Pump Curve

Other pumps are available on request

Product Description

The Stormsaver Express Combi offers a solution for commercial buildings where space above ground is limited. It also lends itself to retro fit projects, or for sites that require water at pressure.

The Express Combi is a single enclosed unit that houses the control panel, a 400L break tank (Express 400) or a 620L break tank (Express 620) and a twin pump booster set. It can be used in many types of buildings provided that the mains water pressure and flow rates match those met by the booster set. This is critical to ensure that the capabilities of the unit are matched to the water demands of the individual building. This product supplies a direct pressurised water supply.

The unit has a Type 'AB' Airbreak that is compliant with the Water Supply (Water Fittings) Regulations 1999. It also comes with a BMS common output as standard. This unit does not contain filtration.
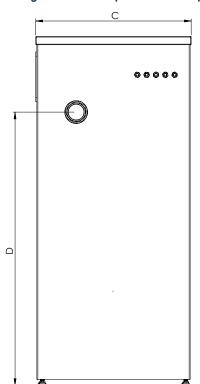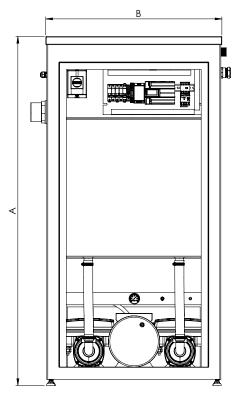
Technical Details

Colour	RAL 5005 - Blue
Housing Material	GRP
Power Supply	240v 20A single phase with Type C20 breaker
Location	The unit is not weather proof and must NOT be exposed to the elements. Extreme temperatures should also be avoided, so it is not subjected to warming or freezing. For access purposes a minimum of 1000mm is required at the front of the unit and a minimum of 450mm to each side. While also allowing for 100mm behind the unit.

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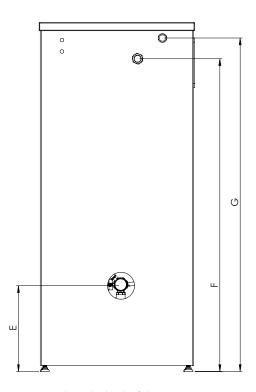
Technical Drawing

Drawing not to scale - Express 400 Combi pictured

Unit must be installed at least 100mm away from a solid surface to enable the type 'AB' airbreak to function correctly at the back of the unit.

	Dry Weight	Wet Weight	Height (A)	Width (B)	Depth (C)	Floor to overflow (D)	Floor to outlet (E)	Floor to RW inlet (F)	Floor to MW inlet (G)
Express 400	min 250kg	max 650kg	1700mm	840mm	740mm	1300mm	440mm	1505mm	1550mm
Express 620	min 350kg	max 970kg	1950mm	1100mm	720mm	1550mm	510mm	1795mm	1880mm

All measurements are approximate and may vary marginally

Installation / Location

- The unit is NOT weather proof and must not be exposed to the elements or extremes in temperatures.

- The unit should be located at floor level so that access can be gained without the use of ladders or scaffolding. It must also not be fixed to the wall.

- The unit requires adequate access for maintenance, with a minimum of 450mm above the unit, 1000mm in front and a minimum of 100mm behind and 450mm at the sides for connection of pipework.

- The unit will need to be located so access can be gained for an electrical supply, rainwater supply, mainswater supply and a drain.

Connection Sizes

Component	Description
Rainwater inlet	28mm - Connects to pipe work from the submersible pump/s in the tank
Pressurised outlet	54mm - Connects to pipe work to points of use (can be altered if requested)
Overflow	90mm internal pipe - Connects to drain via sealed trapped gully - 110mm External
Mains water inlet	35mm - Connects to mains water pipe via a Y strainer supplied by others (the inlet can be altered if requested as this needs to match the flow requirements of site)