

STORMBOOST 100

Mains Boosting Pump

STORMBOOST 100 is designed to be connected directly to the incoming cold water mains and activate automatically when a tap is opened or a shower is switched on, boosting mains water pressure and flow throughout the property.

It will deliver up to 17 litres/min flow at up to 3.2 bar pressure for up to 11 minutes after which time it will deliver up to 12 litres/minute continuously until demand ends and the pressure vessel recharges.

Suitable for properties with one or two bathrooms and designed to fit neatly within a standard 600mm kitchen larder unit.



Features

- ▶ 3 year warranty
- ▶ Boosts mains water pressure up to 3.2 bar
- ▶ Output flow rate up to 17 litres/minute
- ▶ 100 litre nominal capacity pressure vessel
- ▶ Switches on/off automatically
- ▶ Quiet operation
- ▶ High quality, robust brass pump body and impeller
- ▶ High reliability induction motor
- ▶ Integral bypass
- ▶ Anti-seize exercise function
- ▶ Dry run protection
- ▶ Anti-vibration connection hoses included
- ▶ WRAS Approved Product

Applications

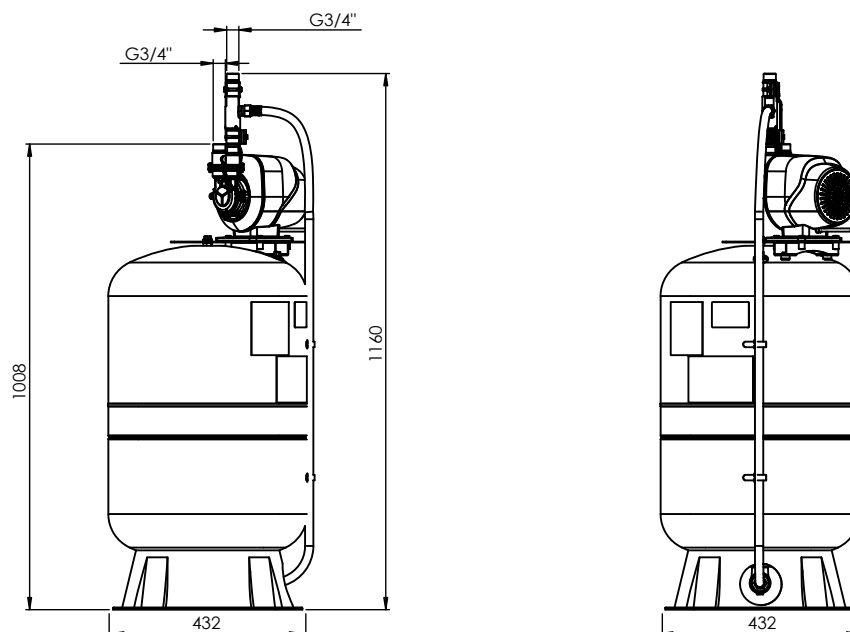
- ▶ Boosting mains water pressure to one or two bathroom properties fitted with a combi-boiler
- ▶ STORMBOOST 100 fits neatly within a standard 600mm wide kitchen larder unit

Performance

Model	Typical Run Time in Minutes		
	Up to 12 l/min	Up to 16 l/min	Up to 17 l/min
STORMBOOST 100	Continuous	14	11

		STORMBOOST 100 47716
GENERAL	Warranty	3 years (upon registration with proof of purchase)
	WRAS	WRAS Approved Product
	Conformity certification	UKCA CE
TECHNICAL FEATURES	Pump type	Peripheral
	Anti-vibration flexible hoses	●
	Pressure vessel nominal size	100 litres
	Pressure vessel usable capacity	55 litres
	Upstream line-in kit	15 mm
	Mounting	Floor
	Dry run protection	●
PERFORMANCE	Maximum head – closed valve	3.2 bar (32 metres)
	Maximum flow	17 litres/min
	Maximum working pressure*	450 kPa (4.5 bar)
	Maximum ambient air temperature	40 °C
	Min / Max water temperature	Min 4 °C / Max 35 °C
	Flow switch sensitivity	0.6 litres/min (approx)
CONSTRUCTION	Enclosure protection	IPX4
	Pressure vessel / membrane	Epoxy coated steel / butyl rubber
	Pump head / impeller	Brass
	Pump head mechanical seal	EPDM / PTFE / Al. Oxide
CONNECTIONS	Pump connections	G ¾ M
	Anti-vibration hoses	G ¾ F x 15 mm push-fit x 200 mm long
MOTOR	Type	Induction (auto-reset thermal trip)
	Duty rating	Continuous (S1)
ELECTRICAL	Power supply (Vac/Ph/Hz)	165–265 V a.c. / 1 / 50–60 Hz
	Power consumption (P1)	340 Watts
	Current (full load)	1.5 Amps
	Fuse rating	5 Amps
	Power cable length	1.5 metres
DIMENSIONS	Height – excluding hoses	1160 mm
	Width	432 mm
	Depth	432 mm
WEIGHT	Weight – including fittings	27.6 kg
	Weight – filled	82.6 kg
	Weight – maximum	127.6 kg

* The maximum pressure that can be applied to the pump under any installation conditions.



Stuart Turner Limited reserves the right to amend specifications without notice.