

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

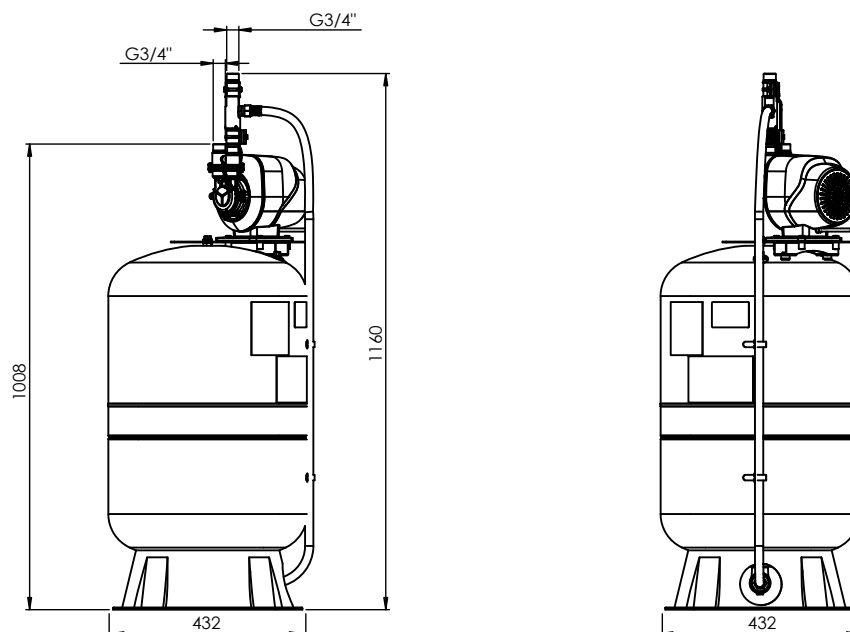
- ▶ Boosting mains water pressure to one or two bathroom properties fitted with a combi-boiler
- ▶ STORMBOOST 100 fits neatly within a standard 600mm wide kitchen larder unit

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.