

STORMBOOST 80

Mains Boosting Pump

STORMBOOST 80 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 16 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.

Designed for low occupancy properties and to fit neatly within a standard kitchen base unit.











Features

- 3 year warranty
- ▶ Boosts mains water pressure up to 3.2 bar
- Output flow rate up to 16 litres/minute
- ▶ 80 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 bathroom properties fitted with a combiboiler
- STORMBOOST 80 fits neatly within a standard kitchen base unit

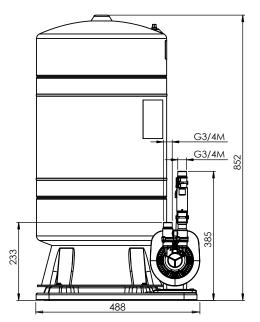
Performance

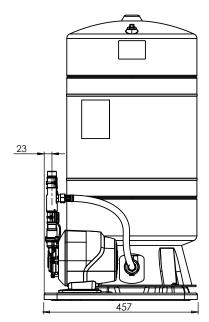
	Typical Run T	ime in Minutes	
Model	Up to 12 Up to 16 I/min I/min		
STORMBOOST 80	Continuous	11 mins	



WRAS Approved Product Conformity certification UKCA CE TECHNICAL Pump type Peripheral Anti-vibration flexible hoses Pressure vessel nominal size Pressure vessel nominal size Pressure vessel usable capacity Upstream line-in kit Mounting Dry run protection Maximum head - closed valve Maximum hosed - closed valve Maximum working pressure* Maximum ambient air temperature Min / Max water temperature Flow switch sensitivity CONSTRUCTION Pressure vessel / membrane Pump head / impeller Pump head mechanical seal CONNECTIONS Anti-vibration hoses G % F x 15 mm push-fit x 200 mm long MOTOR Type Duty rating CONSTRUCTION Power consumption (P1) Current (full load) Fuse rating Power cable length Vidth Power cable length Vidth Popeth Vidth Vidth Popeth Vidth Vidth Popeth Vidth Depth Vision Perissure Vessel / Encorporated Peripheral			STORMBOOST 80 47715	
Conformity certification Conformity certification flexible hoses Conformity flexible hoses Confo	GENERAL	Warranty	3 years (upon registration with proof of purchase)	
TECHNICAL FEATURES Anti-vibration flexible hoses Pressure vessel nominal size Pressure vessel organize Persoure vessel organize Persoure vessel organize Dyr un protection PERFORMANCE Maximum head - closed valve Maximum working pressure* Maximum working pressure* Maximum working pressure Maximum ambient air temperature Min / Max water temperature Flow switch sensitivity Persoure vessel / membrane Pump head / impeller Pump head mechanical seal CONNECTIONS MOTOR Type MOTOR Type Motor Duty rating ELECTRICAL Power supply (Vac/Ph/Hz) Power consumption (P1) Current (full load) Current (full load) Power cable length DIMENSIONS MEGHT Weight - including fittings Weight - filled		WRAS	WRAS Approved Product	
Anti-vibration flexible hoses Pressure vessel nominal size Pressure vessel osable capacity Upstream line-in kit Mounting Dry run protection PERFORMANCE Maximum head - closed valve Maximum flow Maximum smbient air temperature Min / Max water temperature Flow switch sensitivity CONSTRUCTION Pressure vessel / membrane Pump head / impeller Pump head / impeller Pump head mechanical seal CONNECTIONS Anti-vibration hoses Anti-vibration hoses MOTOR Duty rating		Conformity certification	UKCA CE	
Pressure vessel nominal size Pressure vessel usable capacity Upstream line-in kit Mounting Dry run protection PERFORMANCE Maximum flow Maximum flow Maximum flow Maximum flow Maximum sheint air temperature Min / Max water temperature Flow switch sensitivity Dry protection Pressure vessel / membrane Pump head / impeller Pump head mechanical seal Pump head mechanical seal Pump Connections MOTOR Type Duty rating Duty rating Duty rating Duty rating Duty rating Differsion D	TECHNICAL FEATURES	Pump type	Peripheral	
Pressure vessel usable capacity Upstream line-in kit Mounting Dry run protection ■ Maximum head - closed valve Maximum working pressure* Maximum ambient air temperature Min / Max water temperature Min / Max water temperature Pressure vessel / membrane Pump head / impeller Pump head / impeller Pump head mechanical seal CONNECTIONS Anti-vibration hoses MOTOR Type Duty rating ELECTRICAL Power supply (Vac/Ph/Hz) Power consumption (P1) Current (full load) Fuse rating Powth — Fuse rating Powth — Weight - including fittings WEIGHT Weight - including fittings Weight - filled Maximum anbient kit Is mm Max man 15 Imm 15 mm 16 mm 16 mm 16 mm 16 litres/min 16 litres/min 16 litres/min 16 mm 16 litres/min 16 litres/min 16 litres/min 16 litres/min 16 litres/min 16 litres/min 16 mm 40 °C 40 °C 40 °C Min 4 °C / Max 35 °C 16 litres/min (approx) 16 litres/min 16 litres/min 16 litres/min 16 litres/min 16 litres/min 16 mm 16 litres/min 16 litres/min 16 mm 16 litres/min 16 litres/min 16 litres/min 16 litres/min 16 mm 16 litres/min 16 litres/min 16 litres/min 16 mm 40 °C 40 °C Min 4 °C / Max 35 °C 16 litres/min 18 press Colities/min 18 pressure vaste say 40 °C Min 4 °C / Max 35 °C 16 litres/min 18 pressure vaste say 40 °C Min 4 °C / Max 35 °C 16 litres/min 18 pressure vaste say 40 °C Min 4 °C / Max 35 °C 18 litres/min 18 pressure vaste say 40 °C Min 4 °C / Max 35 °C 16 litres/min 18 pressure vaste say 40 °C Min 4 °C / Max 35 °C 16 litres/min 18 pressure vaste say 40 °C Min 4 °C / Max 35 °C 16 litres/min 18 pressure vaste say 40 °C 40 °C 40 °C Min 4 °C / Max 35 °C 40 °C Min 4 °C / Max 35 °C 16 litres/min 18 pressure vaste say 40 °C 40 °C Min 4 °C / Max 35 °C 40 °C Min 4 °C / Max 35 °C 16 litres/min 18 pressure vaste say 40 °C 40 °C Min 4 °C / Max 35 °C 40 °C Min 4 °C / Max 35 °C 16 litres/min 18 pressure vaste say 40 °C Min 4 °C / Max 35 °C 60 °C Min 4 °C Min 4 °C / Max 35 °C 60 °C Min 4 °C		Anti-vibration flexible hoses	•	
Upstream line-in kit 15 mm Floor or plinth Mounting Properties Propert		Pressure vessel nominal size	80 litres	
Mounting Floor or plinth Dry run protection PERFORMANCE Maximum head − closed valve Maximum flow Maximum working pressure* Maximum ambient air temperature Min / Max water temperature Flow switch sensitivity CONSTRUCTION Enclosure protection Pump head / impeller Pump head / impeller Pump head mechanical seal CONNECTIONS Anti-vibration hoses MOTOR Type Duty rating ELECTRICAL Power supply (Vac/Ph/Hz) Power consumption (P1) CURL (Villed) Fuse ating Power cable length Power wight — including fittings WEIGHT Weight — including fittings Weight – including fittings Weight – including fittings Weight – filled Weight – including fittings Weight – filled Maximum head – closed valve 3.2 bar (32 metres) 4.0 °C 3.2 bar (32 metres) 4.0 °C Atio litres/min Atio V°C Maximum about at 16 litres/min Power Atio Size metres Atio V°C Min / Max water temperature Flook Wat (A 0 °C Min / Max water temperature Atio V°C Min / Max water temperature By Atio V°C Min / Min / Mox water By Atio V°C Min / Min / Mox water By Atio V°C Min / Min / M		Pressure vessel usable capacity	44 litres	
Dry run protection Maximum head - closed valve Maximum flow Maximum working pressure* Maximum ambient air temperature Flow switch sensitivity CONSTRUCTION Maximum expectation Pump head / impeller Pump head mechanical seal CONNECTIONS MOTOR MOTOR Type Duty rating ELECTRICAL Power supply (Vac/Ph/Hz) Power consumption (P1) CURL To Maximum and a closed valve Weight - including fittings Weight - including fittings Weight - including fittings Motor Maximum washe a closed valve Assembly assembl		Upstream line-in kit	15 mm	
PERFORMANCE Maximum head – closed valve 3.2 bar (32 metres) Maximum flow 16 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 Perssure vessel / membrane Epoxy coated steel / butyl rubber Pump head mechanical seal EPDM / PTFE / Al. Oxide CONNECTIONS G ¾ K 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 488 mm Depth 457 mm WEIGHT Weight - including fittings 24.9 kg <td>Mounting</td> <td>Floor or plinth</td>		Mounting	Floor or plinth	
Maximum flow Maximum working pressure* Maximum ambient air temperature Min / Max water temperature Min / Max 35 °C Flow switch sensitivity O.6 litres/min (approx) CONSTRUCTION Enclosure protection Pressure vessel / membrane Pump head / impeller Pump head mechanical seal EPDM / PTFE / Al. Oxide CONNECTIONS 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 consumption (P1) Current (full load) Fuse rating Power consumption (P1) Current (full load) Fuse rating Power cable length Fuse rating Power cable length Anti-piption MOTOR Height Moth Moth Moth Moth Moth Moth Moth Mo		Dry run protection	•	
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 IPX4 Pressure vessel / membrane Epoxy coated steel / butyl rubber Pump head / impeller Brass Pump head mechanical seal EPDM / PTFE / Al. Oxide CONNECTIONS G ¾ M Anti-vibration hoses G ¾ F x 15 mp push-fit x 200 mm long MOTOR Type 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 852 mm Width 488 mm Depth 457 mm WEIGHT Weight - including fittings 24.9 kg Weight - filled 68.9 kg	PERFORMANCE	Maximum head - closed valve	3.2 bar (32 metres)	
Maximum ambient air temperature Min / Max water temperature Flow switch sensitivity O.6 litres/min (approx) Enclosure protection Pressure vessel / membrane Pump head / impeller Pump head mechanical seal EPDM / PTFE / Al. Oxide CONNECTIONS Anti-vibration hoses G ¾ F x 15 mm push-fit x 200 mm long MOTOR Type Induction (auto-reset thermal trip) Duty rating ELECTRICAL Power supply (Vac/Ph/Hz) Power consumption (P1) Current (full load) Fuse rating Power cable length Anti-wibration BIASO DIMENSIONS Height Weight – including fittings Weight – filled Weight – filled Min 4 °C / Max 35 °C Min 4 °C / Max 35 °C O.6 litres/min (approx) 0.6 litres/min (approx) EPX4 PX4 BY3 BY4 BY4 I Depth Anti-vibration (approx) I Devended the min and provided the min and		Maximum flow	16 litres/min	
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 852 mm Width 488 mm Depth 457 mm WEIGHT Weight - including fittings 24.9 kg Weight - filled 68.9 kg		Maximum working pressure*	450 kPa (4.5 bar)	
Flow switch sensitivity CONSTRUCTION Enclosure protection Pressure vessel / membrane Pump head / impeller Pump head mechanical seal CONNECTIONS Anti-vibration hoses MOTOR ELECTRICAL Power supply (Vac/Ph/Hz) Power consumption (P1) Current (full load) Fuse rating Power cable length Width Depth Width Depth Weight - including fittings Electrical Enclosure protection IPX4 Eppx		Maximum ambient air temperature	40 °C	
Enclosure protection		Min / Max water temperature	Min 4 °C / Max 35 °C	
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 852 mm Width 488 mm Depth 457 mm WEIGHT Weight - including fittings 24.9 kg Weight - filled 68.9 kg		Flow switch sensitivity	0.6 litres/min (approx)	
Pump head / impeller Brass	CONSTRUCTION	Enclosure protection	IPX4	
Pump head mechanical seal EPDM / PTFE / Al. Oxide		Pressure vessel / membrane	Epoxy coated steel / butyl rubber	
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 852 mm Width 488 mm Depth 457 mm WEIGHT Weight - including fittings 24.9 kg Weight - filled 68.9 kg		Pump head / impeller	Brass	
Anti-vibration hoses		Pump head mechanical seal	EPDM / PTFE / Al. Oxide	
MOTOR Type	CONNECTIONS	Pump connections	G ¾ M	
Duty rating Continuous (S1)		Anti-vibration hoses	G ¾ F x 15 mm push-fit x 200 mm long	
Power supply (Vac/Ph/Hz) 165-265 V a.c. / 1 / 50-60 Hz	MOTOR	Туре	Induction (auto-reset thermal trip)	
Power consumption (P1) 340 Watts		Duty rating		
Current (full load) 1.5 Amps Fuse rating 5 Amps Power cable length 1.5 metres DIMENSIONS Height 852 mm Width 488 mm Depth 457 mm WEIGHT Weight - including fittings 24.9 kg Weight - filled 68.9 kg	ELECTRICAL	Power supply (Vac/Ph/Hz)	165-265 V a.c. / 1 / 50-60 Hz	
Fuse rating 5 Amps Power cable length 1.5 metres DIMENSIONS Height 852 mm Width 488 mm Depth 457 mm WEIGHT Weight - including fittings 24.9 kg Weight - filled 68.9 kg		Power consumption (P1)	340 Watts	
Power cable length 1.5 metres		Current (full load)	1.5 Amps	
DIMENSIONS Height 852 mm Width 488 mm Depth 457 mm WEIGHT Weight - including fittings 24.9 kg Weight - filled 68.9 kg		Fuse rating	5 Amps	
Width 488 mm Depth 457 mm WEIGHT Weight - including fittings 24.9 kg Weight - filled 68.9 kg		Power cable length		
Depth	DIMENSIONS	Height	852 mm	
WEIGHT Weight - including fittings 24.9 kg Weight - filled 68.9 kg		Width	488 mm	
Weight - filled 68.9 kg		Depth	457 mm	
Weight - filled 68.9 kg	WEIGHT	Weight - including fittings	24.9 kg	
Weight – maximum 104.9 kg				
		Weight - maximum	104.9 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.