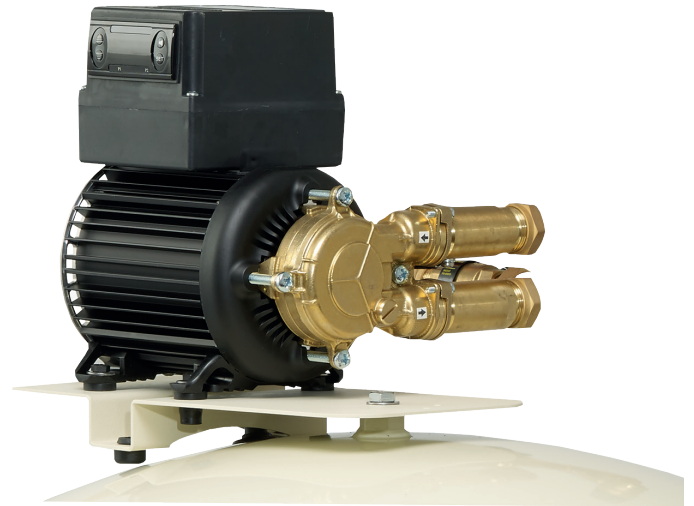


mainsboost

Mainsboost Charger Pump - MJ3 Vessel Mounted

Mainsboost Charger MJ3 Pumps are used in conjunction with Mainsboost Steel Pressure Vessels, providing a direct on mains pump solution to offer increased water pressure and flow when the incoming mains cold water pressure does not meet minimum requirements.

Mainsboost Charger MJ3 pump units are mounted directly onto the Mainsboost vessel and options are available suitable for use with vertical or horizontally oriented vessels.



Features

- Boost water pressure up to 3.5 bar
- Quiet operation
- Built in green energy bypass
- Programmable pump controls
- Robust construction
- WRAS Approved product
- 5 year guarantee

Application

- Suitable for boosting the cold water mains supply to residential and commercial properties in conjunction with a Mainsboost vessel(s)

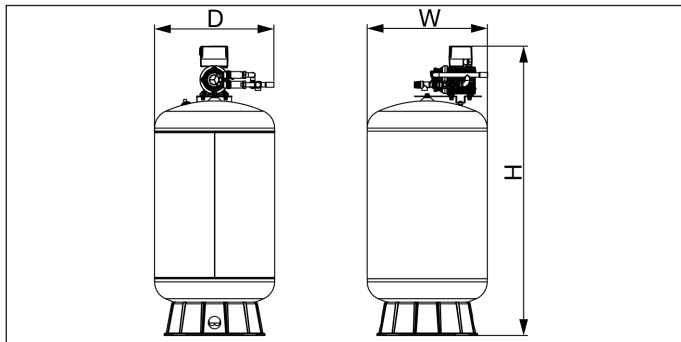
Options

- Horizontal or vertical Mainsboost vessel mount
- Pump sound attenuation cover

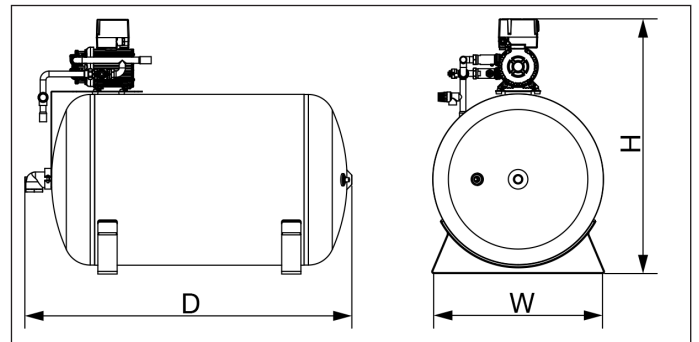
		MJ3 VM 41712	MJ3 HM 41729
General	Guarantee	5 years	
	WRAS approval	1501305	
	System patent no.	2349908	
	Noise	From 50 dB(A)	
Features	Mounting	Vertical vessel	Horizontal vessel
	Pump type	Peripheral	
	Mechanical seal	EPDM / PTFE / Al. Oxide	
	Flexible hoses	2	
	Dry run protection	✓	✓
Materials	Pump body	Brass	
	Impeller	Brass	
Performance	Maximum head (closed valve)	4.3 bar	
	Maximum working pressure*	600 kPa (6 bar)	
	Maximum ambient air temperature	40 °C	
	Min / Max operating temperature	Min 4 °C / Max 35 °C	
Connections	Pump connections	G ¾ male	
Flexible hoses	Connections	22 mm push-in x 22 mm push-in x 240 mm long	
Motor	Type	Induction, auto-reset thermal trip	
	Duty rating	Continuous (S1)	
Electrical	Power supply / phase / frequency	230 V a.c. / 1 / 50 Hz	
	Current (full load)	1.8 Amps	
	Power consumption	398 Watts	
	Fuse rating	3 Amps	
	Power cable (pre-wired)	1.5 metres	
Physical	Enclosure protection	IPX4	
	Pump Length**	200 mm	
	Pump Width**	203 mm	
	Pump Height (excluding hoses and bracket)**	216 mm	

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

** See below for overall system dimensions when the MJ3 pump is fitted to a vertical or horizontal Mainsboost pressure vessel.



Model Description	Dim. 'H'	Dim. 'W'	Dim. 'D'
MB 100SV + MJ3 VM	1020 mm	440 mm	485 mm
MB 130SV + MJ3 VM	1325 mm	440 mm	485 mm
MB 200SV + MJ3 VM	1270 mm	535 mm	548 mm
MB 250SV + MJ3 VM	1445 mm	535 mm	548mm
MB 300SV + MJ3 VM	1730 mm	535 mm	548 mm
MB 450SV + MJ3 VM	1775 mm	660 mm	660 mm



Model Description	Dim. 'H'	Dim. 'W'	Dim. 'D'
MB 200SH + MJ3 HM	888 mm	540 mm	1026 mm
MB 250SH + MJ3 HM	888 mm	540 mm	1206 mm

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