

mainsboost

Mainsboost Charger Pump - MBC 12 Wall Mounted

Mainsboost Charger MBC 12 Pumps are used in conjunction with Mainsboost Steel and Composite 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 MBC 12 pump units are wall mounted, allowing the pump to be located remotely from the Mainsboost vessel without restricting performance.



Features

- Wall mounted enclosure
- 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

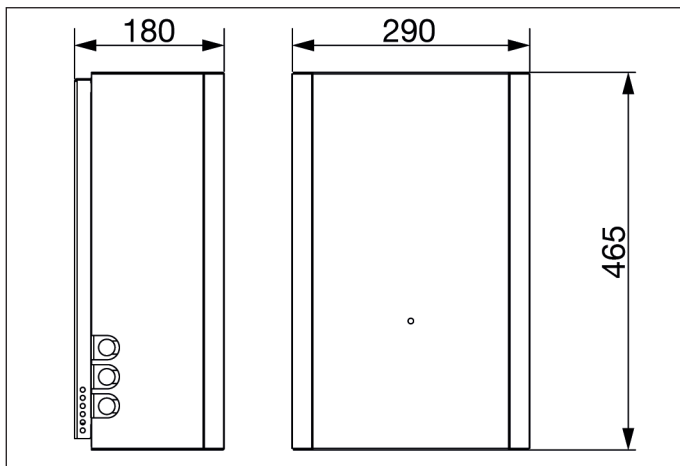
- Suitable for boosting the cold water mains supply to residential and commercial properties in conjunction with a Mainsboost vessel(s)

Options

- 22 mm or 28 mm bypass

		MBC 12-22 WM 44725	MBC 12-28 WM 44726
General	Guarantee	5 years	
	WRAS approval	1501305	
	System patent no.	2349908	
	Noise	From 50 dB(A)	
Features	Mounting	Wall	
	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	
	Bypass	22 mm	28 mm
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	
	Width	290 mm	
	Depth	180 mm	
	Height (excluding hoses)	465 mm	

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



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