

# MAINSBOOST

## Mainsboost Charger Pump – MBC 12 & Bypass Kit Wall Mounted

Where mains water pressure is less than 2.0 bar a Mainsboost Charger pump is the solution.

Mainsboost Charger pumps will boost pressure by 3.5 bar when supplied in conjunction with Mainsboost steel or composite vessels and can be located remotely from the Mainsboost vessel without restricting performance.

Mainsboost Charger wall mounted pumps are supplied within a noise reducing enclosure.



### Features

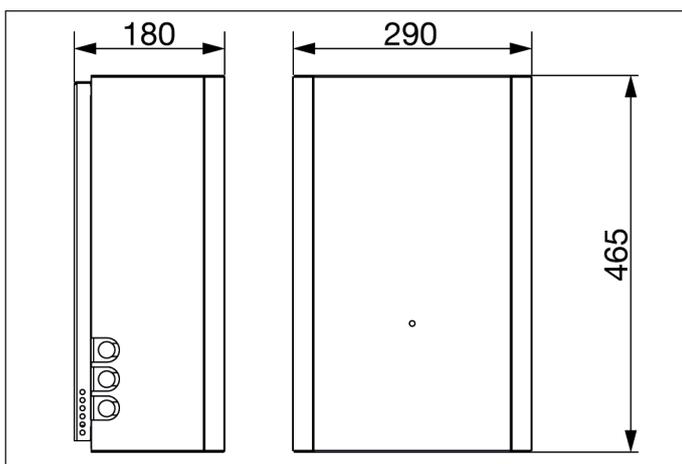
- 5 year guarantee
- Boosts mains water pressure by 3.5 bar
- Compatible with all Mainsboost steel and composite pressure vessels
- Wall mounted
- Very quiet operation
- WRAS approved product
- 22 mm or 28 mm bypass
- Patent protected

### Application

- For use in conjunction with Mainsboost steel or composite vessels and can be located remotely from the Mainsboost vessel without restricting performance

Pump		Mainsboost Charger MBC 12-22 44725	Mainsboost Charger MBC 12-28 44726
General	Guarantee	5 years	
	WRAS approval	1501305	
	Approvals	WRAS, CE	
	System patent no.	2349908	
	Typical noise	60 dB(A)	
Features	Pump type	Peripheral	
	Bypass kit	22 mm	28 mm
	Mounting	Wall	
	Flexible hoses	2	
	Dry run protection	✓	✓
Materials	Pump body	Brass	
	Impeller	Brass	
	Mechanical seal	EPDM / PTFE / Al. Oxide	
Performance	Maximum head – closed valve	4.3 bar (43 metres)	
	Maximum working pressure*	600 kPa (6 bar)	
	Maximum ambient air temperature	40 °C	
	Min / Max water temperature	Min 4 °C / Max 35 °C	
Connections	Pump connections	G ¾ male	
Flexible hoses	Connections	15 mm push-in x G ¾ female x 235 mm long 15 mm push-in x G ¾ female x 200 mm long	
Motor	Type	Induction (thermal trip/auto reset)	
	Duty rating	Continuous (S1)	
Electrical	Power supply (Vac/Ph/Hz)	230 V a.c. / 1 / 50 Hz	
	Power consumption – P1	398 Watts	
	Current – full load	1.8 Amps	
	Fuse rating	3 Amps	
	Power cable length	1.5 metres (pre-wired)	
Physical	Enclosure protection	IPX4	
	Width	290 mm	
	Depth	180 mm	
	Height – excluding hoses	465 mm	
	Weight – including fittings	15.3 Kg	

\*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.

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