

CM BOOSTER SELF-PRIMING

Approved for Drinking Water AS/NZS 4020

2 YEAR WARRANTY

INDUSTRIAL QUALITY, SELF-PRIMING PRESSURE BOOSTER

WATER SOURCE



Above Pump Level
Below Pump Level
Mains Water

APPLICATION



Household Water
Irrigation
Mains Boosting



SCAN THE QR CODE TO LINK TO GRUNDFOS PRODUCT CENTER

The Grundfos CM Booster Self-Priming is an industrial quality pump designed for delivering rainwater or boosting mains water pressure into the home from above or below ground tanks.

- For water sources above or below pump level -** Designed with good suction lift capabilities, the CM Booster Self-Priming is able to draw water up to 4 metres vertically below the level of the pump (up to 8 metres with the installation of a foot valve)
- Automated control and ongoing protection -** The robust Pressure Manager controller features the highest level of customisable protection and automated pump control
- Industrial quality -** Designed and built to suit industrial applications, so easily handles larger domestic water supply or mains boosting tasks
- Quiet operation -** Very quiet operation that won't disturb your family or neighbours
- Superior materials -** Constructed of high quality industrial grade components. All parts in contact with water are constructed from 304 stainless steel.
- Easy installation - plug & pump -** Simply connect the pump inlet and outlet to the pipework, prime the pump, plug into a power outlet and you're ready to pump



PUMP NOISE

SCALA2	CM Booster Self-Priming	CME Booster	Jet Pump Range
47 dB Max.	55 dB Max.	55 dB Max.	70 dB

PUMP SIZING

Higher pressure for multi-level dwellings and long runs of pipe	CMB-SP 3-56	CMB-SP 3-56	CMB-SP 5-47	CMB-SP 5-47
High pressure for double storey dwellings and long runs of pipe	CMB-SP 3-47 1-36	CMB-SP 3-47 3-37	CMB-SP 5-47	CMB-SP 5-47
Adequate pressure for most single storey dwellings	CMB-SP 1-36	CMB-SP 3-28	CMB-SP 5-28	CMB-SP 5-28
	Small House 2-3 taps	Medium House 3-4 taps	Large House 4-5 taps	Large House + Irrigation 5-7 Taps

Taps are 15 l/min at 22.5 m head

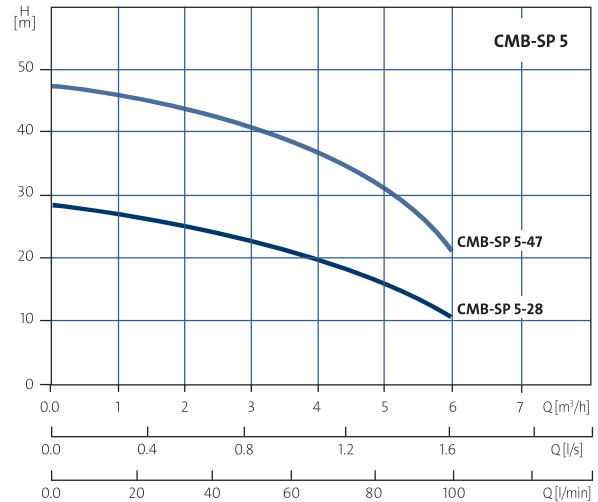
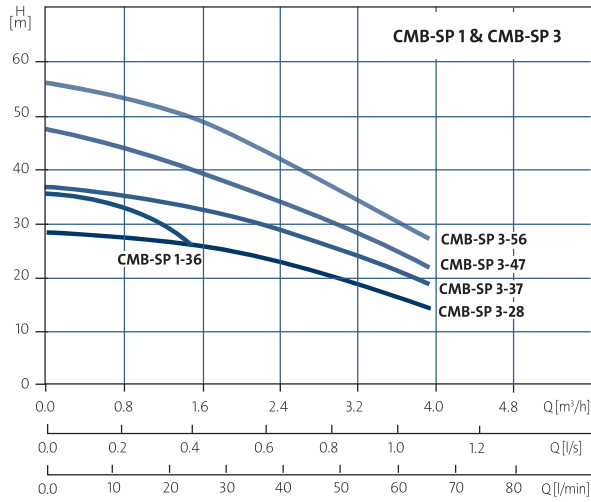
PROTECTION & CONTROL*

	CMB-SP with PM1	CMB-SP with PM2
Auto Start/Stop	✓	✓
Non-Return Valve	✓	✓
Dry Run Protection	✓	✓
Anti-Cycling Protection	✓	✓
Alarm Indication LED	✓	✓
Max. Continuous Run Time (30 Mins)		✓
Adjustable Start Pressure		✓
Pressure Indicator		✓
Automatic Restart		✓

*For full explanation of Protection and Controls see page 65-66

TECHNICAL & PERFORMANCE DATA

PERFORMANCE CURVE



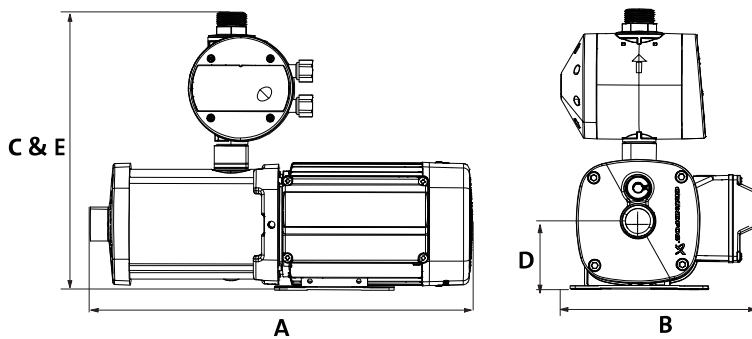
OPERATING CONDITIONS

Ambient Temperature	-20°C to +55°C
Liquid Temperature	0°C to +60°C
System Pressure	Max. 10 bar
Sound Pressure	Max. 55 dB

TECHNICAL DATA

Power Supply Voltage	220-240 Volt, 50 Hz
Power Supply Cable	1.2 m with plug
Enclosure Class	Undercover installation recommended (IP55)
Approvals and Markings	Approved for Drinking Water AS/NZS 4020 C-Tick Compliance

PHYSICAL ATTRIBUTES



Model	Motor Power P2 (kW)	Connections		Dimensions (mm)					Weight (kg)
		Inlet	Outlet (PM)	A (l)	B (w)	C (h)	D (inlet)	E (outlet)	
CMB-SP 1-36	0.50	1" Female	1" Male	377	158	317	75	317	15
CMB-SP 3-28	0.50	1" Female	1" Male	377	158	317	75	317	15
CMB-SP 3-37	0.50	1" Female	1" Male	377	158	317	75	317	15
CMB-SP 3-47	0.50	1" Female	1" Male	413	158	317	75	317	16
CMB-SP 3-56	0.67	1" Female	1" Male	453	158	317	75	317	17
CMB-SP 5-28	0.50	1" Female	1" Male	377	158	317	75	317	15
CMB-SP 5-47	0.90	1" Female	1" Male	453	158	317	75	317	18