

CM BOOSTER SELF-PRIMING

Approved for
Drinking Water
AS/NZS 4020 ✓

2
YEAR
WARRANTY

The GRUNDFOS CM Booster Self-Priming is a compact, multi-stage pump designed for boosting mains water pressure or delivering rain water into the home from above or below ground tanks.

The CM Booster Self-Priming comes with a GRUNDFOS Pressure Manager fitted as standard to deliver perfect control and ongoing protection for the pump.

SELF-PRIMING

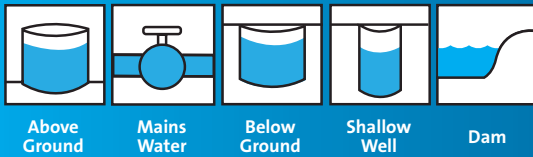
Designed to have good suction lift capabilities, the CM Booster Self-Priming is able to draw water up to 4 metres vertically below the level of the pump, which makes it perfect for pumping water from below ground tanks or shallow wells.

PRESSURE MANAGER

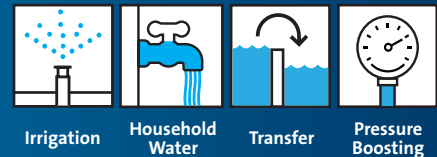
The Pressure Manager (PM) controller automatically stops and starts the pump in line with household demand. In addition, the device prevents the pump from continuing to run if the water source runs dry and provides a cycling alarm, preventing the pump from rapidly turning on and off when there is a leaking pipe or dripping tap.



WATER SOURCE



APPLICATION



PUMP NOISE

SCALA2	CM Booster Self-Priming	CME Booster	Jet Pump Range
47 dB Max.	55 dB Max.	55 dB Max.	81 dB Max.

PROTECTION & CONTROL

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

PUMP SIZING

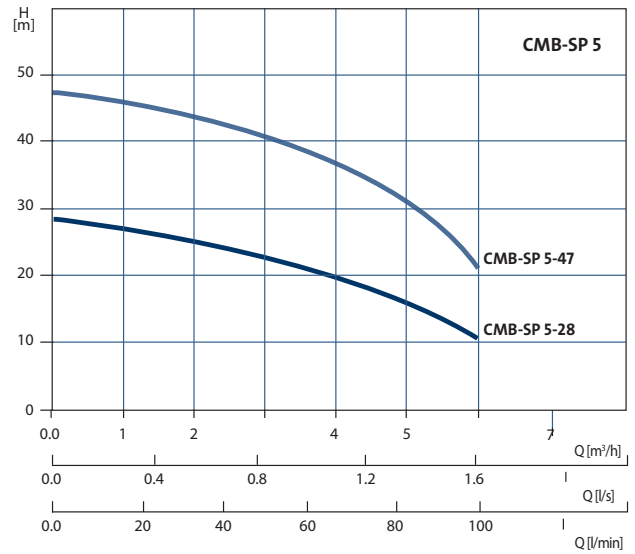
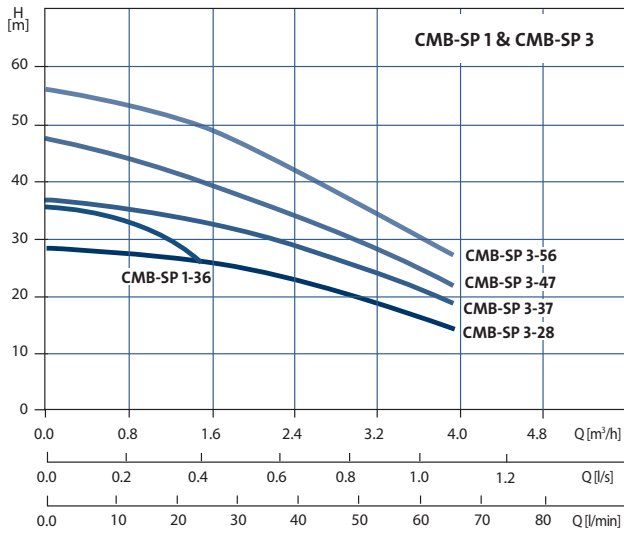
Higher pressure for multi-level dwellings and long runs of pipes	CMB-SP 3-56	CMB-SP 3-56		
High pressure for double storey dwellings and long runs of pipes	CMB-SP 3-47 1-36	CMB-SP 3-47 3-37	CMB-SP 5-47	CMB-SP 5-47
Adequate pressure for most single storey dwellings	CMB-SP 1-36	CMB-SP 3-28	CMB-SP 5-28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

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TECHNICAL & PERFORMANCE DATA

PERFORMANCE CURVE

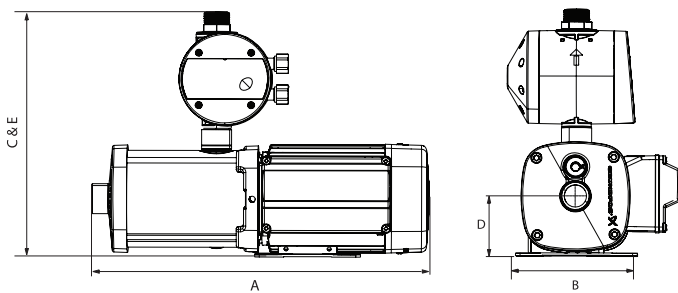


OPERATING CONDITIONS

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

TECHNICAL DATA

Power Supply Voltage	220-240 Volt, 50 Hz
Power Supply Cable	1.2 m
Enclosure Class	Suitable for covered installation (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