

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*

- Suitable for pumping from **water sources above and below the level of the pump**, including from below ground tanks
- The robust pump controller features the highest level of **customisable protection and automated pump control**
- Designed and built to suit industrial applications, so **easily handles larger domestic rain water supply or mains boosting tasks**
- Very **quiet operation** that won't disturb your family or neighbours
- **Superior stainless steel construction**
- **Easy installation - plug & pump** - Connect to the pipework, prime the pump, plug into a power outlet and you're ready to pump



55 dB Max.

LOW NOISE



PUMP CONTROL & PROTECTION FEATURES



ANTI-CYCLING PROTECTION

The pump will be stopped and alarm activated if it repeatedly turns on and off over a short period of time (called 'cycling'), which could indicate a leaking pipe or dripping tap.



DRY-RUN PROTECTION

The pump will be stopped if no water is detected at the inlet, preventing internal damage and protecting your motor from damage.



AUTO START/STOP

The pump will automatically start and stop when outlets (eg: taps) are turned on or off.



MAX CONTINUOUS RUN TIME

If the pump runs continuously for more than 30 minutes the motor will be stopped and alarm activated. Could indicate a pipe fracture or outlet left unattended.

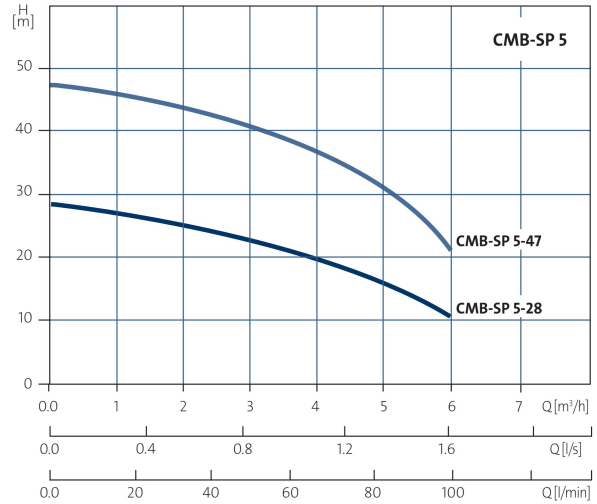
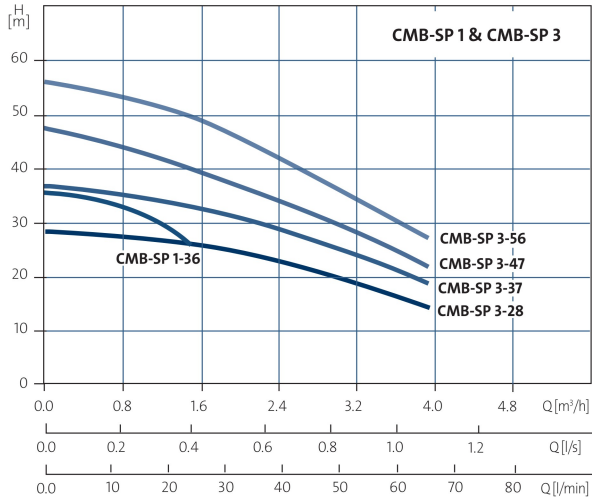
* Subject to local legislation

be
think
innovate

GRUNDFOS

TECHNICAL & PERFORMANCE DATA

PERFORMANCE CURVE



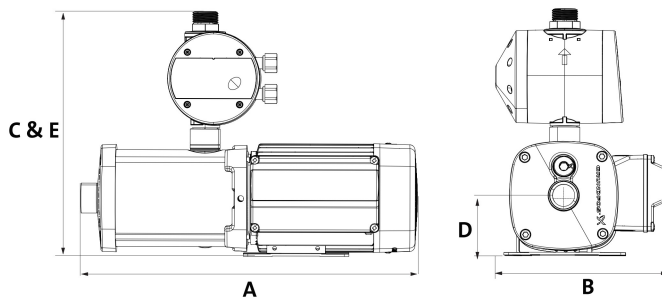
OPERATING CONDITIONS

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



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