

CM BOOSTER SELF-PRIMING

Approved for
Drinking Water
AS/NZS 4020



INDUSTRIAL QUALITY, SELF-PRIMING PRESSURE BOOSTER

WATER SOURCE



Above Pump Level



Below Pump Level



Mains Water



Household Water



Irrigation



Mains Boosting

APPLICATION



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

47 dB Max.



CM Booster Self-Priming

55 dB Max.



CME Booster

55 dB Max.



Jet Pump Range

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

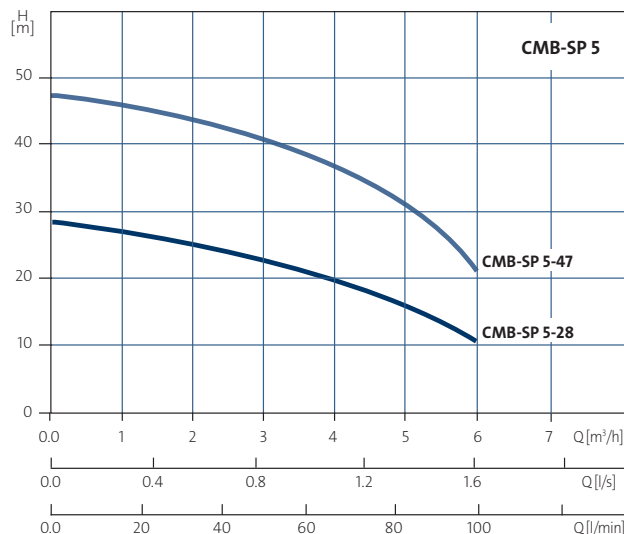
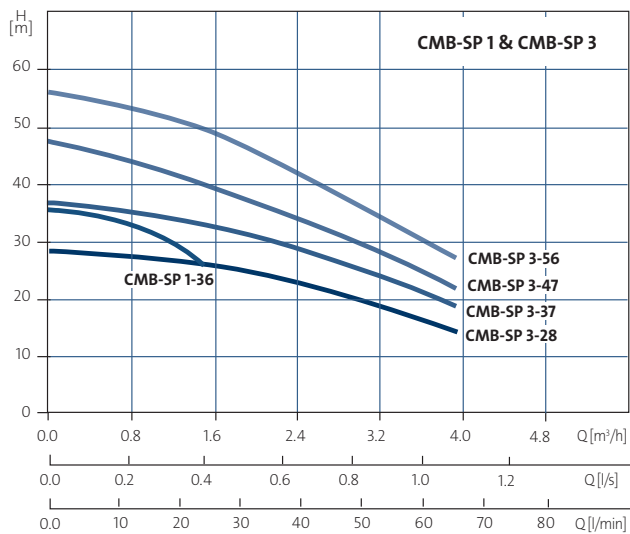
PROTECTION & CONTROL



| | 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 | | ✓ |

TECHNICAL & PERFORMANCE DATA

PERFORMANCE CURVE



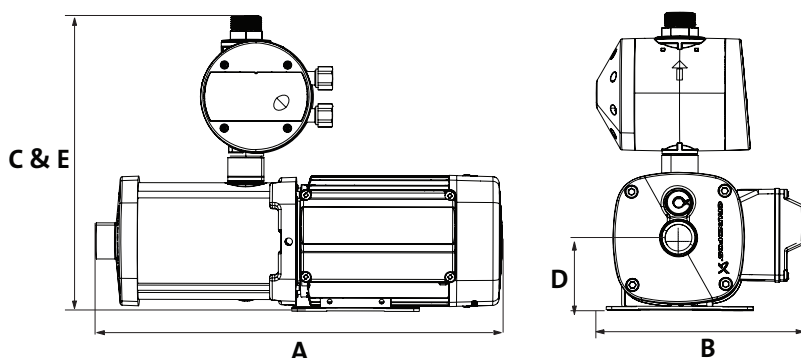
OPERATING CONDITIONS

| | |
|----------------------------|----------------|
| 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 |