

# CMB WITH PM1

The Grundfos CMB with PM1 is a compact booster pump designed for domestic and light commercial use. The booster unit consists of a Grundfos CM pump with stainless steel hydraulic components and a PM1 Pressure Manager.

The Pressure Manager allows the pump to start and stop automatically according to demand and protects the pump from drying up.

## FEATURES

### Robust design

All the movable parts are made of high quality, corrosion-resistant stainless steel to ensure the longest life possible

### User-friendly interface

The pump features a user-friendly interface with LED indicators displaying power status, pump running, and alarm indication

### Protective features

The pump incorporates a range of protective features such as dry run protection, thermal overload protection, cycling alarm to protect the pump and ensuring a long life

### Easy installation

The booster unit is a compact solution, which makes it suitable for most installations. Just connect the inlet and outlet, and you have a fully operational booster unit

### Integrated non-return valve

Non-return valve for back-flow prevention



## APPLICATIONS

- Mains boosting
- Household water supply
- Boosting from above ground water tanks

## PRODUCT RANGE

| Part Code | Model    | Cut-in pressure (BAR) | Power |     | FLOW               | Hydraulic Data |      |      |      |      |      |      | Pipe Size (mm) |          |
|-----------|----------|-----------------------|-------|-----|--------------------|----------------|------|------|------|------|------|------|----------------|----------|
|           |          |                       |       |     | M <sup>3</sup> /hr | 0              | 0.4  | 0.8  | 1.2  | 1.6  | 2    | 2.4  | Suction        | Delivery |
|           |          |                       | Kw    | Hp  | LPM                | 0              | 6.6  | 13.3 | 20   | 26.6 | 33.3 | 40   |                |          |
| 97530099  | CMB1-36  | 1.5                   | 0.5   | 0.7 | Head (Mts)         | 36             | 34.2 | 32   | 28.5 | 24.5 | 19.5 | 14   | 25             | 25       |
| Part Code | Model    | Cut-in pressure (BAR) | Power |     | M <sup>3</sup> /hr | 0              | 0.8  | 1.6  | 2    | 2.4  | 3.2  | 4    | Suction        | Delivery |
|           |          |                       | Kw    | Hp  | LPM                | 0              | 13.3 | 26.6 | 33.3 | 40   | 53.3 | 66.6 |                |          |
| 97530126  | CMB 3-37 | 1.5                   | 0.5   | 0.7 | Head (Mts)         | 28             | 26.5 | 25   | 24   | 23   | 19.5 | 15   | 25             | 25       |
| 97530135  | CMB 3-47 | 2.2                   | 0.5   | 0.7 |                    | 37             | 35   | 33   | 31   | 30   | 25   | 19   | 25             | 25       |
| 97530144  | CMB 3-46 | 2.2                   | 0.5   | 0.7 |                    | 46             | 43.5 | 40   | 38   | 35.5 | 29.5 | 22   | 25             | 25       |
| Part Code | Model    | Cut-in pressure (BAR) | Power |     | M <sup>3</sup> /hr | 0              | 1    | 2    | 3    | 4    | 5    | 6    | Suction        | Delivery |
|           |          |                       | Kw    | Hp  | LPM                | 0              | 16.6 | 33.3 | 50   | 66.6 | 83.3 | 100  |                |          |
| 97687683  | CMB5-28  | 1.5                   | 0.5   | 0.7 | Head (Mts)         | 28             | 26.5 | 25.5 | 24   | 22   | 19   | 15   | 32             | 25       |
| 97687685  | CMB 5-37 | 2.2                   | 0.7   | 0.9 |                    | 38             | 36   | 34   | 32   | 30   | 26   | 20   | 32             | 25       |
| 97530169  | CMB 5-46 | 2.2                   | 0.9   | 1.2 |                    | 47.5           | 45.5 | 43.5 | 41.5 | 38.5 | 34   | 26.5 | 32             | 25       |
| Part Code | Model    | Cut-in pressure (BAR) | Power |     | FLOW               | Hydraulic Data |      |      |      |      |      |      | Pipe Size (mm) |          |
|           |          |                       |       |     | M <sup>3</sup> /hr | 0              | 0.4  | 0.8  | 1.2  | 1.6  | 2    | 2.4  | Suction        | Delivery |
|           |          |                       | Kw    | Hp  | LPM                | 0              | 6.6  | 13.3 | 20   | 26.6 | 33.3 | 40   |                |          |
| 97530090  | CMB 1-27 | 1.5                   | 0.3   | 0.4 | Head (Mts)         | 27             | 26   | 24   | 21   | 18   | 14.5 | 10.5 | 25             | 25       |
| 97530108  | CMB 1-5  | 2.2                   | 0.5   | 0.7 |                    | 44.5           | 43   | 39.5 | 35   | 30   | 24   | 17   | 25             | 25       |

For all pumps, electrical supply is 1 phase 200-240 Volts AC, 50 Hz