

CMB and CMBE selection guide

Simply put, the Grundfos CMB, CMBE range is your fast track to optimal water pressure! Built for a variety of domestic and commercial applications, the CMB, CMBE range consists of compact, plug-and-play units comprising all vital components. Each pump in the range is compact, quiet and built on tried and tested Grundfos technology, which is your guarantee that you're getting the best possible water pressure – and you're getting it efficiently and reliably.

Find the pump that suits your needs

In this short guide, we're going to present the various solutions within the range and reveal the secret to identifying the best fit for your needs.



Grundfos CMB

CMB is a booster pump designed for water supply in domestic and light commercial applications.

CMB comes with a standard motor and operates at a fixed speed. Our CMB pumps consist of several variants, CMB PM, CMB-SP PM, CMB PT and CMB PS, each of which covers multiple applications, including gardening, rainwater harvesting, shallow wells, and underground break tanks to name a few. Whatever your pressure boosting needs, rest assured that there's a CMB match out there for you.



Grundfos CMBE

CMBE is a high-efficiency, compact booster suitable for clean water supply and pressure boosting in domestic and light commercial applications.

One of the main benefits of CMBE is its ability to offer constant pressure, increasing the overall comfort and making it an ideal solution for family homes and smaller commercial buildings. On top of that, it has a built-in frequency drive, adjusting speed to supply constant pressure to every tap according to demand, thereby optimising performance and saving energy. Finally, CMBE is also available in a twin variant, in which two pumps are connected in parallel, doubling the reliability.



Discover more

Size your pump, get full tech specs and explore the range

GRUNDFOS 

Possibility in every drop



CMB (-SP) PM

- Compact
- Easy to install
- Dry-running protection
- Self-priming (-SP)
- Resistant to corrosion (-SP)



CMB PT-V/PT-H

- Reduced starts when there's a higher frequency of water demand
- Tank sized according to the application
- Easy to install
- Dry-running protection



CMBE

- Efficient frequency driven IE5 motor
- Constant pressure
- Resistant to corrosion



CMBE TWIN

- Multi-pump operation
- Automatic pump alternation
- Constant pressure

Quick sizing



Ex. sizing and selection

1. How many taps: 6 taps
2. How many floors: 3 floors
3. Result: **CMBE 3-62***

| Floors\Taps | 1-5 | 6-10 |
|-------------|------------|------------|
| 4 | CMBE 3-62* | CMBE 3-62* |
| 3 | CMBE 1-44 | CMBE 3-62* |



CMB PM/CMB SP-PM

Covers all CMB versions:
CMB-SP PM1/PM2,
CMB PM1/PM2,
CMB PT & CMB PS

| Floors\Taps | 1-5 | 6-10 | 11-20 | 21-50 |
|-------------|----------|----------|----------|----------|
| 4 | CMB 1-54 | CMB 3-46 | CMB 3-46 | CMB 5-47 |
| 3 | CMB 1-45 | CMB 3-37 | CMB 3-46 | CMB 5-47 |
| 2 | CMB 1-45 | CMB 3-37 | CMB 3-46 | CMB 5-37 |
| 1 | CMB 1-36 | CMB 3-27 | CMB 3-37 | CMB 5-37 |

In suction operation with the CMB-SP, you need to subtract the suction lift from the highest pressure needed to select your product. For instance, if the max. suction lift is 8 metres, you subtract 0.8 bar from the highest required pressure.



CMBE/CMBE TWIN*

| Floors\Taps | 1-5 | 6-10 | 11-20 | 21-50 |
|-------------|------------|------------|------------|------------|
| 4 | CMBE 3-62* | CMBE 3-62* | CMBE 3-62* | CMBE 5-62* |
| 3 | CMBE 1-44 | CMBE 3-62* | CMBE 3-62* | CMBE 5-62* |
| 2 | CMBE 1-44 | CMBE 1-44 | CMBE 3-62* | CMBE 5-62* |
| 1 | CMBE 1-44 | CMBE 1-44 | CMBE 3-62* | CMBE 5-62* |

* CMBE TWIN, for backup pump (Duty Standby)