

CME BOOSTER

The Grundfos CME Booster is a compact, frequency (VFD) controlled booster system for a large variety of domestic and light commercial applications. The CME Booster ensures great comfort by providing constant pressure, regardless of variations in demand or inlet pressure. In addition, the CME Booster makes it possible to adjust the water pressure just by the touch of a button. Also, the CME Booster is very easy to install. Once the booster has been connected to the pipeline, it is simply a matter of putting the plug into a socket, and the system is operational.

APPLICATIONS

- Large houses
- Domestic buildings
- Cottage and villas
- Mid-size Hotels
- Mid-size Hospitals
- Schools

FEATURES

- **Constant pressure**
The CME Booster always provides constant pressure
- **Robust design**
The pump is made of materials that ensure excellent corrosion resistance. The pump housing, shaft and impeller are made of high quality stainless steel, while the rest of the pump is electrophoretically painted
- **Energy saving**
The frequency controller of the CME Booster, matches the power consumption with the required water output, which can save users up to 40% power
- **Fully equipped**
The CME Booster has a five-way fitting that encompasses a non-return valve, a pressure sensor, a pressure gauge and a diaphragm tank connection
- **Low noise**
The CME Booster operates quietly at around 55 decibels, which is significantly silent than most pumps currently available in the market
- **User-friendly interface**
The control panel on the pump features a user-friendly interface with LED indicators showing operational status and feather touch buttons for pressure adjustment
- **Dry-running protection**
The CME Booster automatically stops if there is no water from the incoming pipeline
- **Thermal overload protection**
The CME Booster is effectively protected against any accidental overload by built-in thermal protection



The control panel on the pump terminal box makes it possible to change the set-points manually.

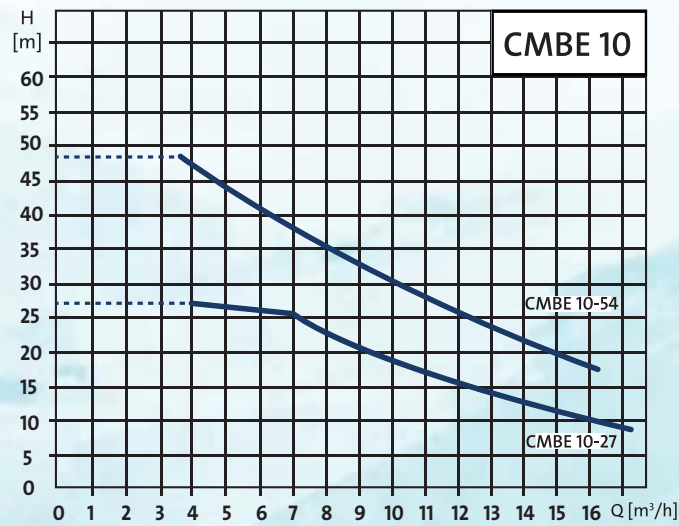
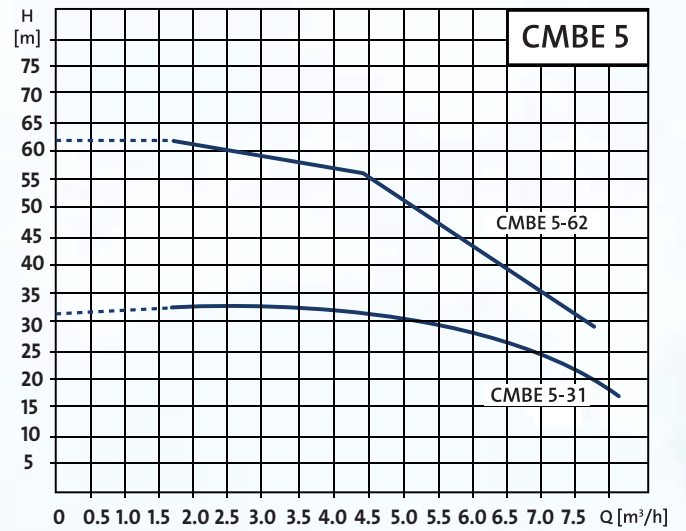
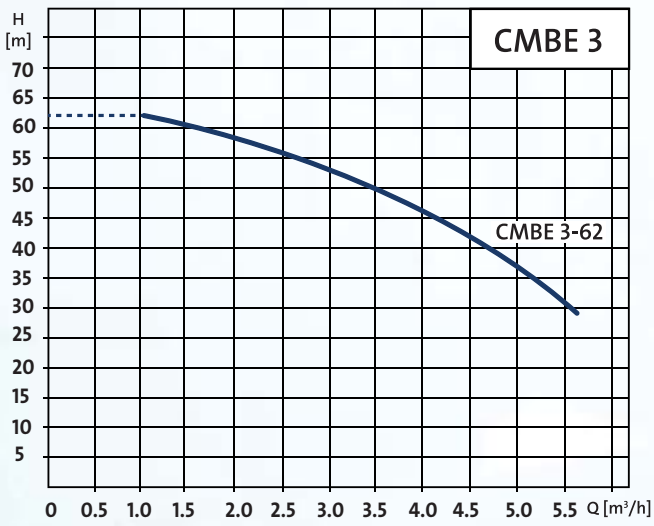


The operating condition of the pump is indicated by the Grundfos Eye on the control panel.

OPERATING CONDITIONS

- **System pressure**
Max. 10 bar
- **Liquid temperature**
0 °C to +60 °C
- **Ambient temperature**
Max. +55 °C
- **Relative air humidity**
Max. 95%
- **Mains voltage**
1 x 200 -240V 50/60 Hz
- **Enclosure class**
IP55
- **Sound pressure level**
50-65 dB(A)
- **Approvals and markings**
CE, EAC, UL, WRAS, ACS, NSF61

PERFORMANCE CURVE



PRODUCT RANGE

Part Code	Model	Power		Voltage	Pipe Size (mm)	
		Kw	Hp		Suction	Delivery
98374693	CMBE 3-62	1.1	1.5	1 x 200-240	25	25
98374695	CMBE 5-31	1.1	1.5	1 x 200-240	40	25
98374696	CMBE 5-62	1.5	2	1 x 200-240	40	25
98382189	CMBE 10-27	1.1	1.5	1 x 200-240	40	40
98382190	CMBE 10-54	1.5	2	1 x 200-240	40	40

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