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

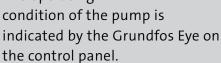
Dry-running protection

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



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

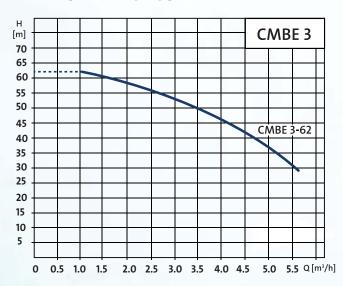
1 x 200 -240V 50/60 Hz

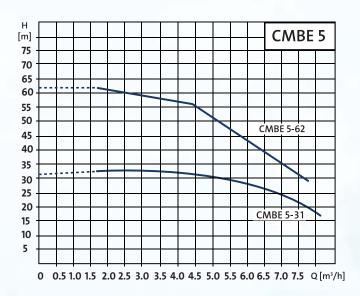
Enclosure class IP55

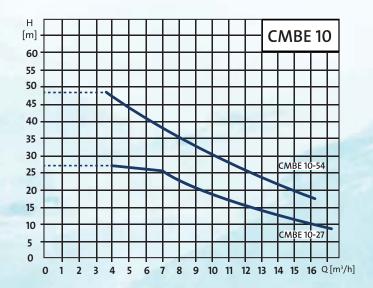
Sound pressure level 50-65 dB(A)

Approvals and markings CE, EAC, UL, WRAS, ACS, NSF61

PERFORMANCE CURVE







PRODUCT RANGE

	Part Code	Model	Power		Veltere	Pipe Size (mm)	
			Kw	Нр	Voltage	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