

CMBE TWIN BOOSTER

The Grundfos CMBE TWIN Booster is a compact two-pump booster system for water supply in domestic and light commercial applications that are easy to install and commission. The integrated speed controller allows the CMBE Booster to maintain constant pressure in the pipeline. A pressure sensor monitors the changes in water consumption and will signal the speed controller to change the motor speed. This way, performance is adjusted automatically. The cascade control ensures that the performance of the CMBE Booster is automatically adapted to the consumption pattern by switching pumps on or off between 2 pumps, or by changing the speed of the pumps. The system thus runs energy-efficiently with a limited number of pumps.



FEATURES

- **Constant pressure**
The integrated speed controller keeps a constant pressure in the pipe system
- **Cascade control**
Cascade control ensures that the performance of the booster system is automatically adapted to the consumption by switching between the pumps on/off
- **Pump alternation**
Pump alternation ensures that the operating hours are distributed evenly on the pumps over time
- **Dry-running protection**
The system will stop automatically if there is no water from the incoming pipeline
- **Easy installation**
The booster is easy to install when it is connected to pipes. It is a matter of Plug & Play

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 -240 V 50/60 Hz
- **Enclosure class**
IP55
- **Sound pressure level**
50-65 dB(A)
- **Approvals and markings**
CE, EAC, UL, WRAS, ACS, NSF61

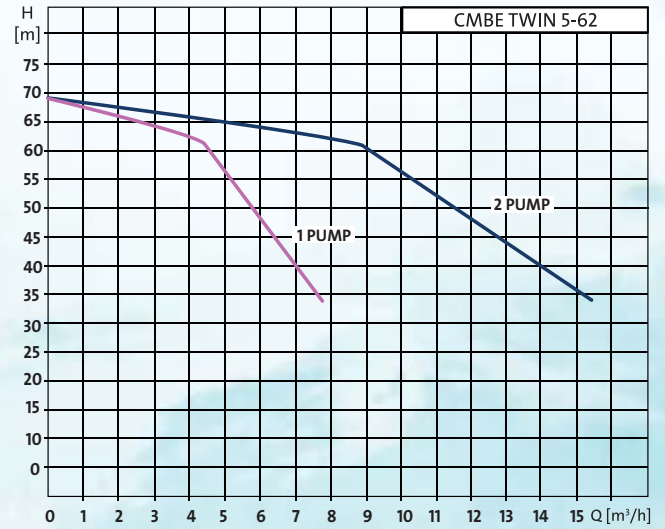
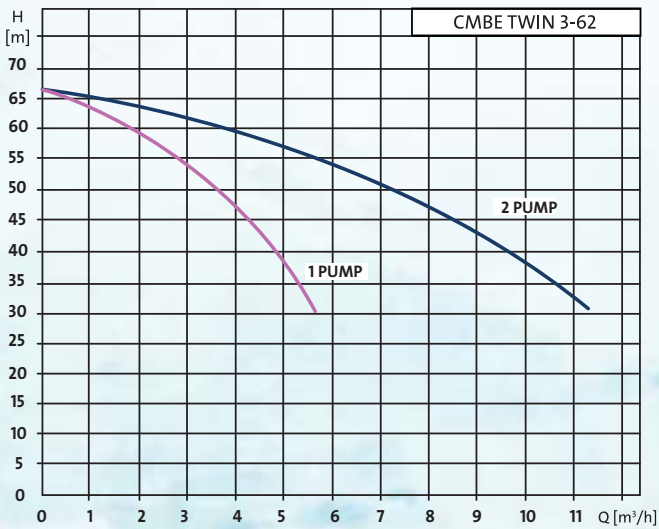
APPLICATIONS

- Large houses
- Community hostels
- Domestic buildings
- Schools
- Cottage and villas
- Poly-house & Green House farming
- Mid-size Hotels
- Mid-size Hospitals



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.

PERFORMANCE CURVE



PRODUCT RANGE

Part Code	Model	Power Each Pump		Voltage	(Recommended)* Manifold Size (mm)	
		Kw	Hp		Suction	Delivery
99219420	CMBE Twin3-62	1.1	1.5	1 x 200-240	50	50
99219423	CMBE Twin 5-62	1.5	2	1 x 200-240	75	50

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

* Manifold not part of system supply