

Compact Boosting Pump

GRUNDFOS **CMBE**

The CMBE Booster is designed for residential and commercial water supply, pressure boosting, irrigation and dewatering applications. The CMBE series is available in both 1x110-120V and 1x200-240V variants and uses energy efficient, permanent magnet motor technology, which provides unmatched reliability, quiet operation, and energy savings.

Thanks to the integrated speed controller, the CMBE keeps a constant pressure in the pipe system. A pressure sensor monitoring discharge pressure will signal to the speed controller to change the motor speed to adapt the performance to the new situation.



KEY FEATURES AND BENEFITS

- All-in-one solution including pump, motor, tank, pressure and flow sensor, controller and check valve
- Constant pressure and commercial grade quality in one compact system
- Reliable and easy to install
- Highly efficient ECM motor reduces operating costs
- Variable Frequency Drive (VFD) with built in PI controller
- Grundfos manufactures all CMBE component
- Optimized and simple to use controller
- Communication capable with CIM cards
- Simple selection guide to size correct pump
- Low noise (55dB or less in typical use)
- Drinking water NSF 61/UL 372 approved

APPLICATIONS

- Residential and commercial water supply
- Pressure boosting
- Irrigation
- Dewatering

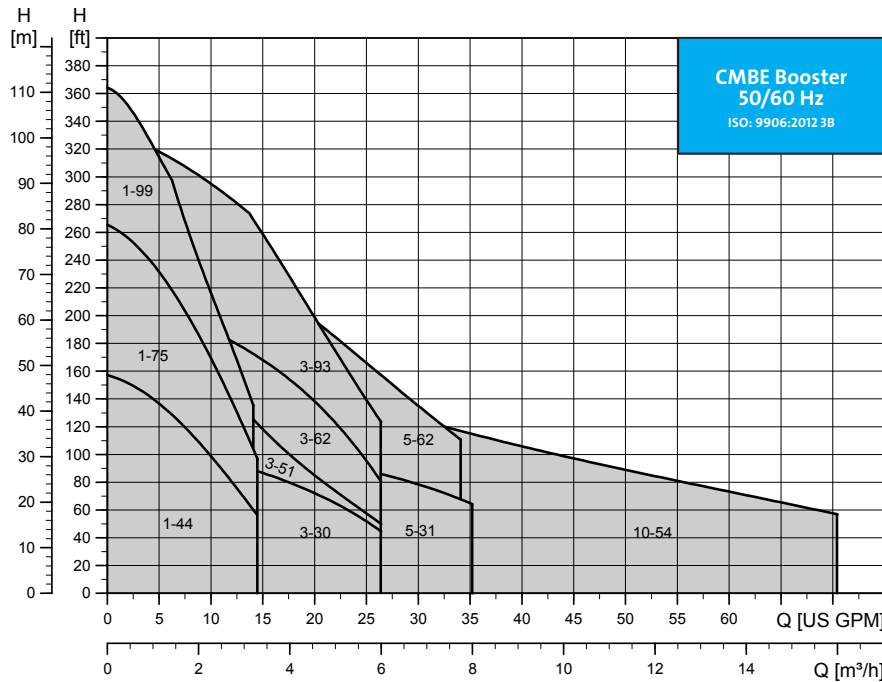
TECHNICAL DATA

CMBE	
SYSTEM PRESSURE:	max. 145 psi
SUCTION LIFT:	max. 23 ft including suction-pipe pressure loss at a liquid temperature of 68°F
LIQUID TEMPERATURE:	32°F to 140°F
AMBIENT TEMPERATURE:	max. 113°F for 115V max. 122°F for 220V min. -4°F
SOUND PRESSURE LEVEL:	max. 55 dB(A)
SUPPLY VOLTAGE:	1x115V, 1x200-240V, 60 Hz

PRODUCT OFFERING

98810910	CMBE 1-44 1x115V 60 Hz
98548109	CMBE1-44 1x200-240V 50/60 Hz
98810921	CMBE 1-75 1x115V 60 Hz
98548110	CMBE 1-75 50/60 Hz
98548111	CMBE 1-99 50/60 Hz
98810922	CMBE 3-30 1x115V 60 Hz
98548112	CMBE 3-30 50/60 Hz
98810924	CMBE 3-51 1x115V 60 Hz
98548113	CMBE 3-62 1x200-240V 50/60 Hz
98548114	CMBE 3-93 1x200-240V 50/60 Hz
98548115	CMBE 5-31 1x200-240V 50/60 Hz
98548116	CMBE 5-62 1x200-240V 50/60 Hz
98548118	CMBE 10-54 1x200-240V 50/60 Hz

PERFORMANCE DATA



Visit grundfos.us/pei to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.