



## 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 (55 dB or less in typical use)
- Drinking water NSF 61/UL 372 approved

### Applications

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

**GRUNDFOS** 

Possibility in every drop

## Technical Data

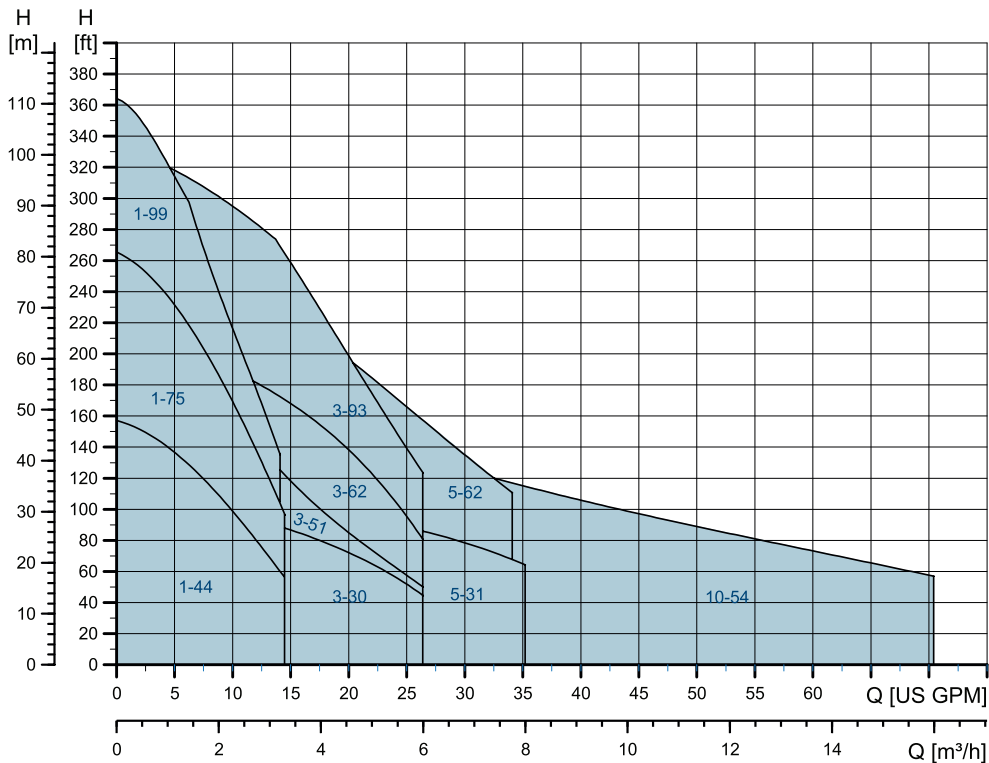
<b>CMBE</b>	
<b>System Pressure:</b>	max. 145 psi
<b>Suction Lift:</b>	max. 23 ft including suction-pipe pressure loss at a liquid temperature of 68°F
<b>Liquid Temperature:</b>	32°F to 140°F
<b>Ambient Temperature:</b>	max. 113°F for 115V max. 122°F for 220V min. -4°F
<b>Sound Pressure Level:</b>	max. 55 DB(A)
<b>Supply Voltage:</b>	1x115V, 1x200-240V, 60 Hz

## Product Offering

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

## Performance Data CMBE Booster

50/60Hz ISO: 9906:2012 3B



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