


Position	Count	Description								
	1	<p data-bbox="343 340 566 369"><b>CMBE 10-54 AVBE</b></p> <div data-bbox="363 430 683 833" style="text-align: center;">  </div> <p data-bbox="730 878 1193 900" style="text-align: center;">Product photo could vary from the actual product</p> <p data-bbox="343 907 614 936">Product No.: <a href="#">98548118</a></p> <p data-bbox="343 967 1005 1265">                     The Grundfos CME Booster is a compact booster system for water supply in domestic applications. The integrated speed controller enables the CME Booster to keep constant pressure in the pipe system. A pressure sensor monitoring changes in the water consumption will signal to the speed controller to change the motor speed to adapt performance to the new state. The CME Booster is very easy to install. When the pipework has been installed, it is all a matter of plugging the unit into a socket, and the system is operational.                 </p> <p data-bbox="343 1265 678 1294">The CME Booster consists of:</p> <ul data-bbox="343 1294 877 1444" style="list-style-type: none"> <li>• CME pump with integrated frequency converter</li> <li>• 5-way valve</li> <li>• expansion tank</li> <li>• pressure gauge</li> <li>• manometer</li> </ul> <p data-bbox="343 1467 446 1496">Features</p> <ul data-bbox="343 1496 845 1646" style="list-style-type: none"> <li>• Constant pressure, integrated speed control</li> <li>• compact</li> <li>• robust, stainless steel</li> <li>• easy installation</li> <li>• dry run protection</li> </ul> <p data-bbox="343 1675 550 1704">Thermal protection</p> <p data-bbox="343 1704 981 1825">                     CME Booster pumps require no external motor protection. The MGE motor incorporates thermal protection against slow overloading and blocking (IEC 34.11: TP 211).                 </p> <p data-bbox="343 1886 430 1915"><b>Liquid:</b></p> <table data-bbox="343 1915 837 2038"> <tr> <td>Pumped liquid:</td> <td>Water</td> </tr> <tr> <td>Liquid temperature range:</td> <td>32 .. 140 °F</td> </tr> <tr> <td>Liquid temp:</td> <td>68 °F</td> </tr> <tr> <td>Density:</td> <td>62.29 lb/ft<sup>3</sup></td> </tr> </table> <p data-bbox="343 2065 470 2094"><b>Technical:</b></p>	Pumped liquid:	Water	Liquid temperature range:	32 .. 140 °F	Liquid temp:	68 °F	Density:	62.29 lb/ft <sup>3</sup>
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Description	Value
<b>General information:</b>	
Product name:	CMBE 10-54 AVBE
Product No.:	98548118
EAN:	5711496977558
Price:	On request
<b>Technical:</b>	
Speed for pump data:	3868 rpm
Rated flow:	52.8 US gpm
Rated head:	116.1 ft
Impellers:	2
Shaft seal:	AVBE
Approvals and markings:	CE, CULUS
Curve tolerance:	ISO9906:2012 3B
Model:	A
Start pressure:	Integrated Frequency converter
<b>Materials:</b>	
Pump housing:	Stainless steel AISI 304
Impeller:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
Rubber:	EPDM
<b>Installation:</b>	
Maximum ambient temperature:	122 °F
Pump inlet:	NPT 1 1/2
Pump outlet:	NPT 1 1/2
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	32 .. 140 °F
Liquid temp:	68 °F
Density:	62.29 lb/ft³
<b>Electrical data:</b>	
Rated power - P2:	2 HP
Main frequency:	60 Hz
Rated voltage:	1 x 200-240 V
Maximum current consumption:	9,10-7,60 A
p max system:	145 psi
Rated speed:	360-4000 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Type of cable plug:	NONE
Mains cable:	NO CABLE m
<b>Tank:</b>	
Tank volume:	0.528 gal
<b>Others:</b>	
Net weight:	52.7 lb
Gross weight:	77.5 lb
Config. file no:	98442578

