

Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:
REPRESENTATIVE: _____	TYPE OF SERVICE:	DATE: _____
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:
	ORDER NO.:	DATE:

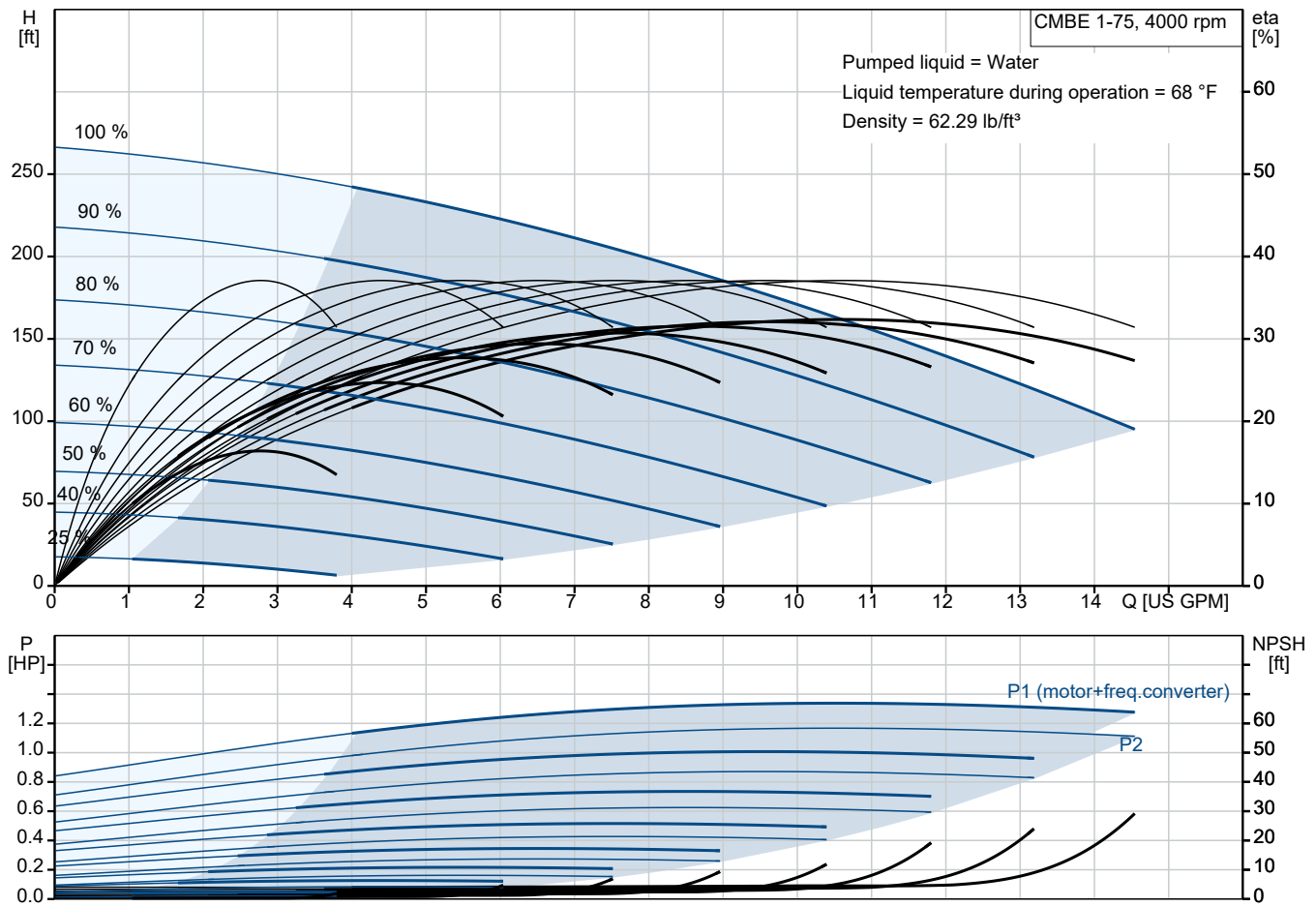


CMBE 1-75 I-U-A-E-D-E

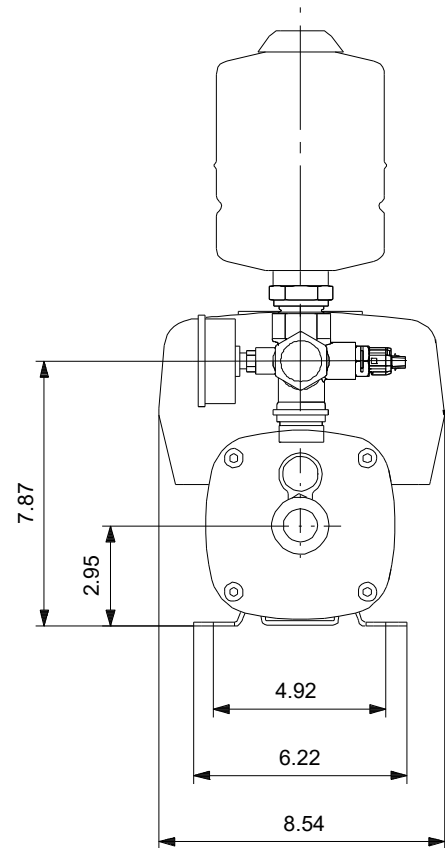
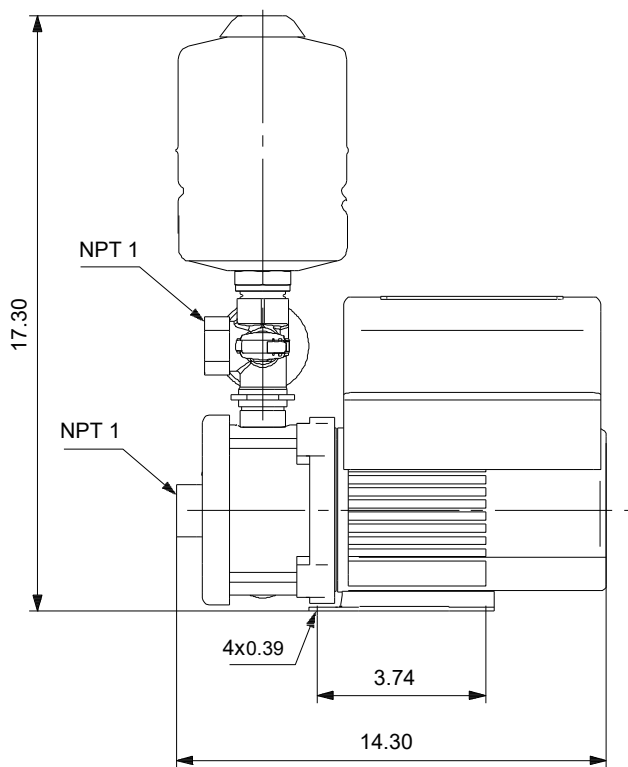
CMBE is a high-efficiency compact booster suitable for clean water supply and pressure boosting in domestic and light commercial applications. It keeps constant pressure via the integrated speed control.

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
Liquid: Water	Liquid temperature range: 32 .. 140 °F	Mains frequency: 60 Hz
Temperature: 68 °F	Maximum ambient temperature: 122 °F	Enclosure class: IP55
Specific Gravity: 1.000	Shaft seal: AQQE	
	Product number: 98548110	



Submittal Data



Materials:

Pump housing: Stainless steel
AISI 304
Impeller: Stainless steel
AISI 304
EN 1.4301
Code for rubber: EPDM

Qty.	Description																										
1	CMBE 1-75 I-U-A-E-D-E  Note! Product picture may differ from actual product Product No.: 98548110 The Grundfos CMBE booster is a compact booster system for water supply in domestic applications. The integrated speed controller enables the CMBE booster to keep constant pressure in the pipe system. A pressure sensor monitoring changes in the water consumption signals the speed controller to change motor speed to adapt performance to the new state. The CMBE booster is very easy to install. When the system has been connected to the pipes, it is only a matter of inserting the power plug into a power outlet, and the system is operational. The CMBE booster consists of the following: • CME pump with integrated frequency converter • five-way valve • expansion tank • pressure gauge. The Grundfos CMBE booster requires no external motor protection. The MGE motor incorporates thermal protection against slow overloading and blocking (IEC 34.11: TP 211). The Grundfos CMBE booster is mainly used for domestic and light commercial water supply or booster systems. NB: Suction lift: maximum 1 m, including inlet pipe pressure loss at a liquid temperature of 20 °C (not self-priming). Controls: <table> <tr> <td>Type of connector:</td><td>No plug</td></tr> <tr> <td>Frequency converter:</td><td>Built-in</td></tr> </table> Liquid: <table> <tr> <td>Pumped liquid:</td><td>Water</td></tr> <tr> <td>Liquid temperature range:</td><td>32 .. 140 °F</td></tr> <tr> <td>Selected liquid temperature:</td><td>68 °F</td></tr> <tr> <td>Density:</td><td>62.29 lb/ft³</td></tr> </table> Technical: <table> <tr> <td>Pump speed on which pump data are based:</td><td>3780 rpm</td></tr> <tr> <td>Rated flow:</td><td>10.6 US GPM</td></tr> <tr> <td>Rated head:</td><td>161.4 ft</td></tr> <tr> <td>Primary shaft seal:</td><td>AQQE</td></tr> <tr> <td>Code for shaft seal:</td><td>AQQE</td></tr> <tr> <td>Approvals:</td><td>cULus</td></tr> <tr> <td>Approvals for drinking water:</td><td>CULUS DW NSF61</td></tr> </table>	Type of connector:	No plug	Frequency converter:	Built-in	Pumped liquid:	Water	Liquid temperature range:	32 .. 140 °F	Selected liquid temperature:	68 °F	Density:	62.29 lb/ft ³	Pump speed on which pump data are based:	3780 rpm	Rated flow:	10.6 US GPM	Rated head:	161.4 ft	Primary shaft seal:	AQQE	Code for shaft seal:	AQQE	Approvals:	cULus	Approvals for drinking water:	CULUS DW NSF61
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Company name:

Created by:

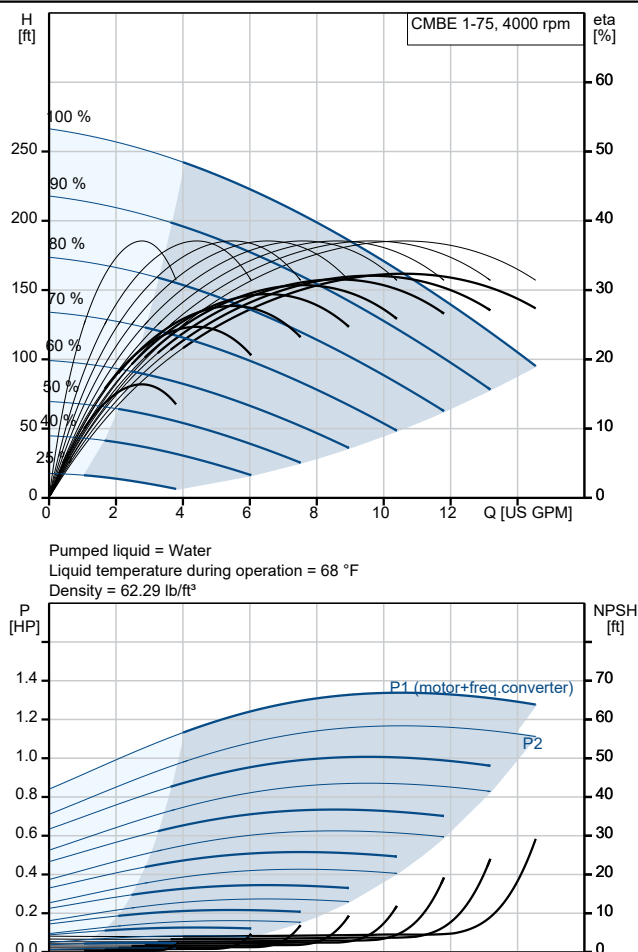
Phone:

Date:

18/06/2026

Qty.	Description
1	Curve tolerance: ISO9906:2012 3B Return valve: YES Start pressure: Integrated Frequency converter Materials: Type key, code for rubber components. E = EPDM, V=FKM: EPDM Pump housing: Stainless steel EN 1.4301 AISI 304 Impeller: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 122 °F Maximum operating pressure: 145.04 psi Pipe connection standard: ANSI B1.20.1 Type of inlet connection: NPT(M) Type of outlet connection: NPT(F) Size of inlet connection: 1 Size of outlet connection: 1 Pressure rating for connection: PN 10 Electrical data: Rated power - P2: 1.5 HP Mains frequency: 60 Hz Rated voltage: 1 x 200-240 V Maximum current consumption: 6.7-5.6 A Rated speed: 360-4000 rpm Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Length of cable: No cable m Power plug: No plug Tank: Tank volume: 0.528 gal Others: Net weight: 39.1 lb Gross weight: 60.7 lb Shipping volume: 5.62 ft³ Country of origin: MX Custom tariff no.: 8413.70.2040

Description	Value
General information:	
Product name:	CMBE 1-75 I-U-A-E-D-E
Product No:	98548110
EAN number:	5711496977473
Price:	
Technical:	
Pump speed on which pump data are based:	3780 rpm
Rated flow:	10.6 US GPM
Rated head:	161.4 ft
Impellers:	5
Primary shaft seal:	AQQE
Code for shaft seal:	AQQE
Approvals:	cULus
Approvals for drinking water:	CULUS DW NSF61
Curve tolerance:	ISO9906:2012 3B
Model:	A
Return valve:	YES
Start pressure:	Integrated Frequency converter
Materials:	
Type key, code for rubber components. E = EPDM, V=FKM:	EPDM
Pump housing:	Stainless steel EN 1.4301 AISI 304
Impeller:	Stainless steel EN 1.4301 AISI 304
Code for rubber:	EPDM
Installation:	
Maximum ambient temperature:	122 °F
Maximum operating pressure:	145.04 psi
Pipe connection standard:	ANSI B1.20.1
Type of inlet connection:	NPT(M)
Type of outlet connection:	NPT(F)
Size of inlet connection:	1
Size of outlet connection:	1
Pressure rating for connection:	PN 10
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	32 .. 140 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Rated power - P2:	1.5 HP
Mains frequency:	60 Hz
Rated voltage:	1 x 200-240 V
Maximum current consumption:	6.7-5.6 A
Rated speed:	360-4000 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Length of cable:	No cable m
Power plug:	No plug
Controls:	
Type of connector:	No plug
Frequency converter:	Built-in





Company name:

Created by:

Phone:

Date:

18/06/2026

Description	Value
Tank:	
Tank volume:	0.528 gal
Others:	
Net weight:	39.1 lb
Gross weight:	60.7 lb
Shipping volume:	5.62 ft ³
Sales region:	Namreg
Config. file no. pump:	99546398
Country of origin:	MX
Custom tariff no.:	8413.70.2040