

**Qty. Description**

1 **CMBE 5-62 I-U-C-A-D-B**



**Note! Product picture may differ from actual product**

Product No.: [98374712](#)

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 all a matter of inserting the plug into a power supply socket, 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:

Type of connector: Type I (AS/NZS 3112)  
 Frequency converter: Built-in

Liquid:

Pumped liquid: Water  
 Liquid temperature range: 0 .. 60 °C  
 Selected liquid temperature: 60 °C  
 Density: 983.2 kg/m<sup>3</sup>

Technical:

Pump speed on which pump data are based: 3868 rpm  
 Rated flow: 6 m<sup>3</sup>/h  
 Rated head: 47.8 m  
 Primary shaft seal: AVBE  
 Code for shaft seal: AVBE  
 Approvals: CE,RCM  
 Approvals for drinking water: WRAS,ACS  
 Curve tolerance: ISO9906:2012 3B  
 Return valve: YES  
 Start pressure: Integrated Frequency converter

Materials:

Pump housing: Stainless steel

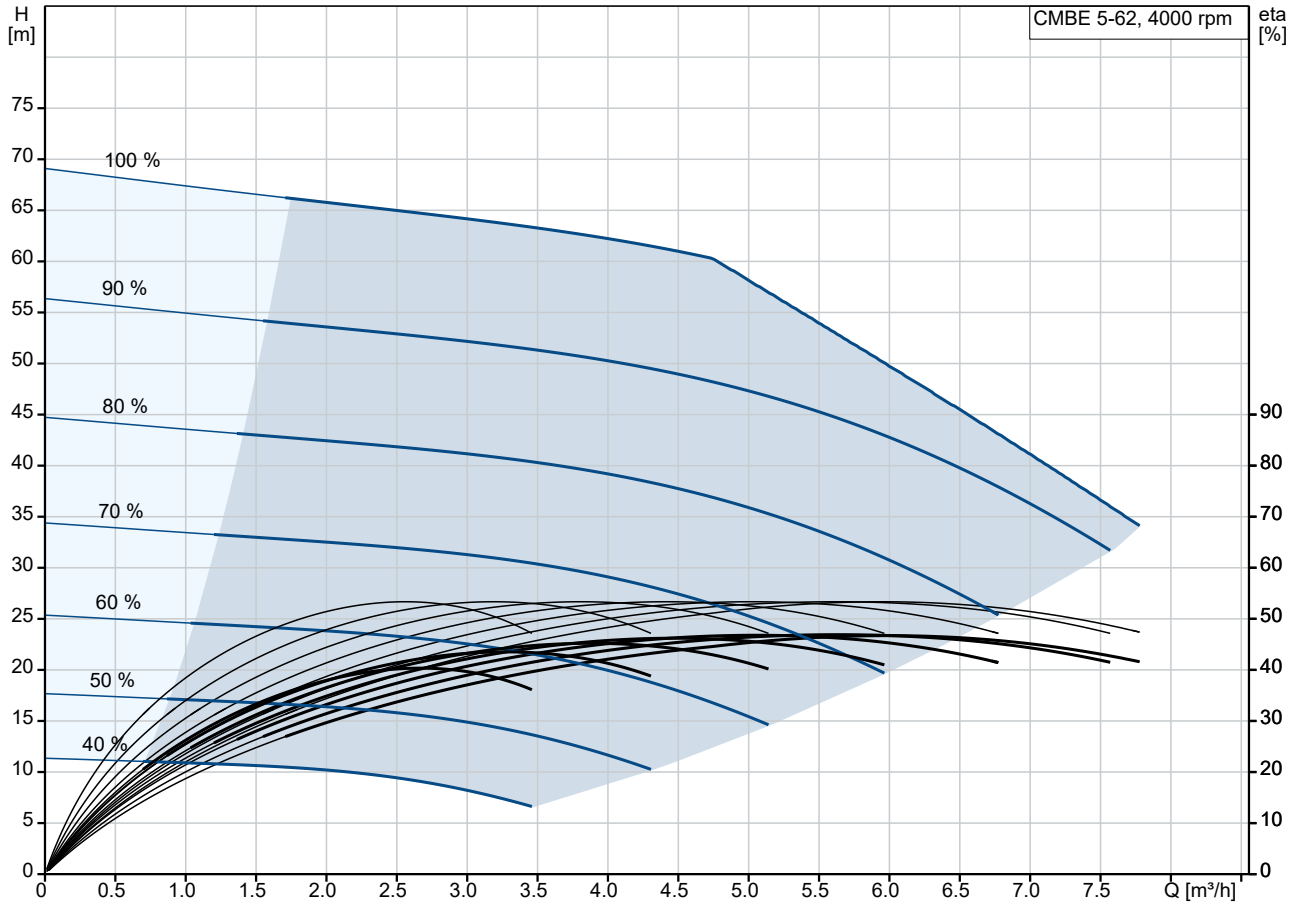


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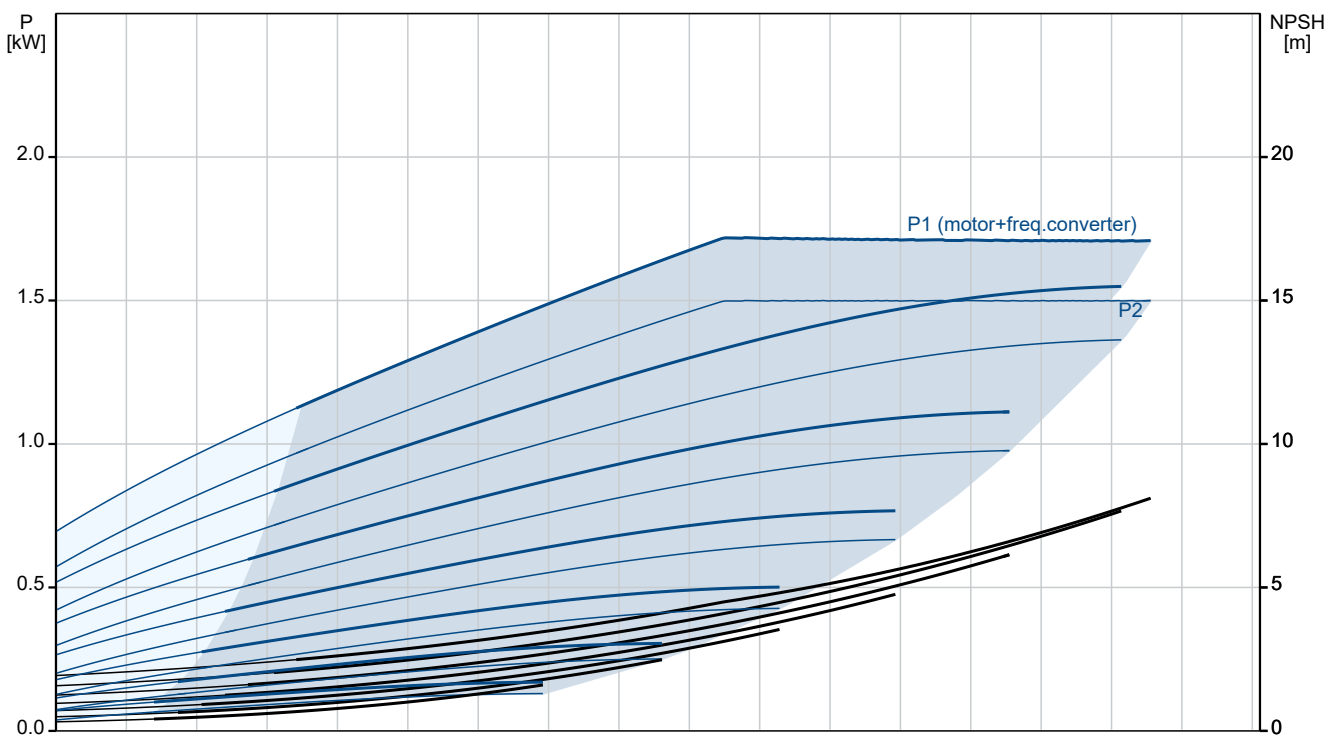
**Qty. Description**

1		EN 1.4301 AISI 304 Stainless steel EN 1.4301 AISI 304
	Impeller:	
	Installation:	
	Maximum ambient temperature:	55 °C
	Maximum operating pressure:	10 bar
	Pipe connection standard:	ISO 228-1
	Type of inlet connection:	Rp
	Type of outlet connection:	Rp
	Size of inlet connection:	1 1/4
	Size of outlet connection:	1
	Pressure rating for connection:	PN 10
	Electrical data:	
	Rated power - P2:	1.5 kW
	Mains frequency:	50 Hz
	Rated voltage:	1 x 200-240 V
	Maximum current consumption:	9.10-7.60 A
	Rated speed:	360-4000 rpm
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Length of cable:	1.5 m
	Power plug:	Australian plug
	Tank:	
	Tank volume:	2 l
	Others:	
	Net weight:	19.3 kg
	Gross weight:	29.3 kg
	Shipping volume:	0.168 m <sup>3</sup>
	Country of origin:	CN
	Environmental approvals:	WEEE

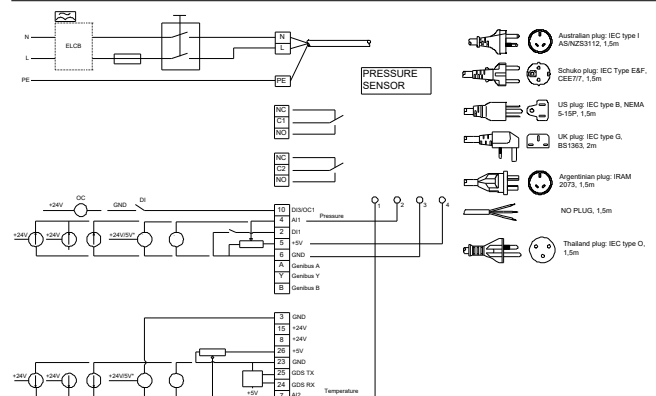
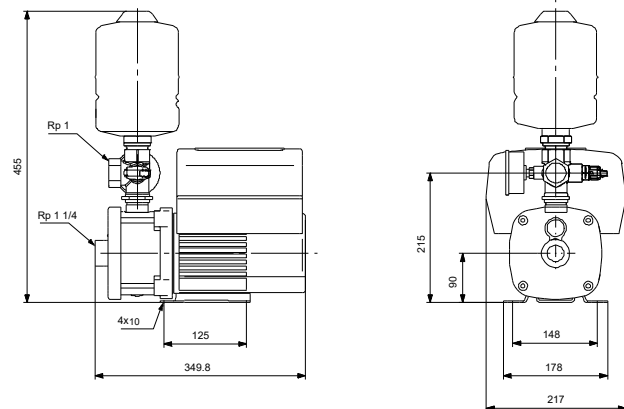
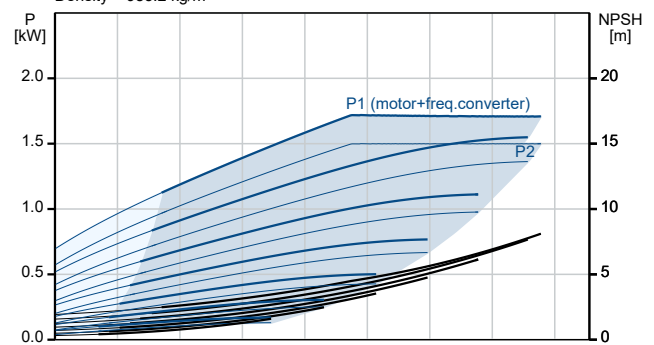
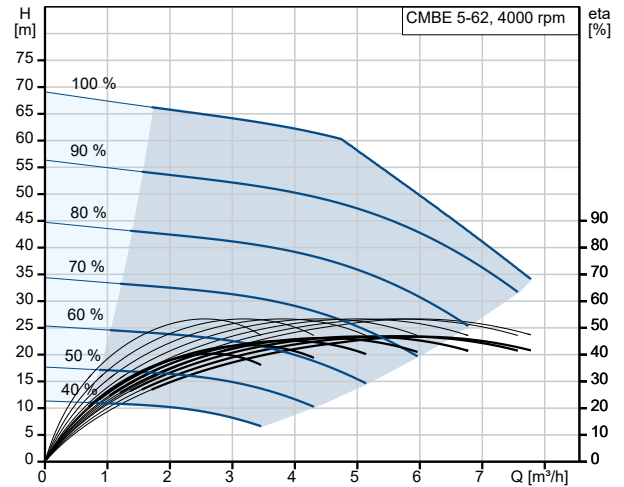
## 98374712 CMBE 5-62 I-U-C-A-D-B 50 Hz



Pumped liquid = Water  
 Liquid temperature during operation = 60 °C  
 Density = 983.2 kg/m³



Description	Value
<b>General information:</b>	
Product name:	CMBE 5-62 I-U-C-A-D-B
Product No:	98374712
EAN number:	5711493909521
Price:	AUD 4843
<b>Technical:</b>	
Pump speed on which pump data are based:	3868 rpm
Rated flow:	6 m <sup>3</sup> /h
Rated head:	47.8 m
Impellers:	4
Primary shaft seal:	AVBE
Code for shaft seal:	AVBE
Approvals:	CE,RCM
Approvals for drinking water:	WRAS,ACS
Curve tolerance:	ISO9906:2012 3B
Model:	A
Return valve:	YES
Start pressure:	Integrated Frequency converter
<b>Materials:</b>	
Pump housing:	Stainless steel EN 1.4301 AISI 304
Impeller:	Stainless steel EN 1.4301 AISI 304
Code for rubber:	EPDM
<b>Installation:</b>	
Maximum ambient temperature:	55 °C
Maximum operating pressure:	10 bar
Pipe connection standard:	ISO 228-1
Type of inlet connection:	Rp
Type of outlet connection:	Rp
Size of inlet connection:	1 1/4
Size of outlet connection:	1
Pressure rating for connection:	PN 10
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	0 .. 60 °C
Selected liquid temperature:	60 °C
Density:	983.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Rated power - P2:	1.5 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 200-240 V
Maximum current consumption:	9.10-7.60 A
Rated speed:	360-4000 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Length of cable:	1.5 m
Power plug:	Australian plug
<b>Controls:</b>	
Type of connector:	Type I (AS/NZS 3112)
Frequency converter:	Built-in
<b>Tank:</b>	
Tank volume:	2 l
<b>Others:</b>	

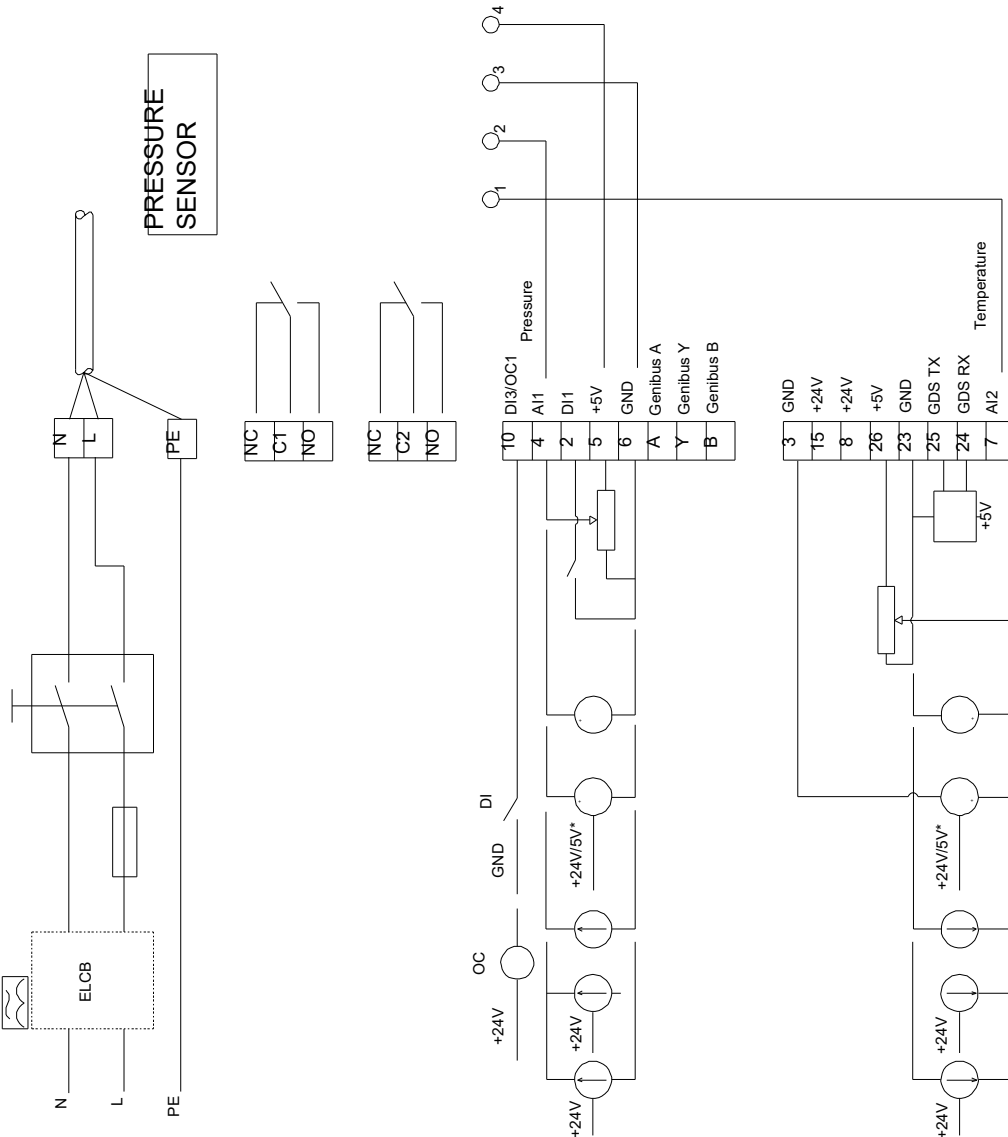
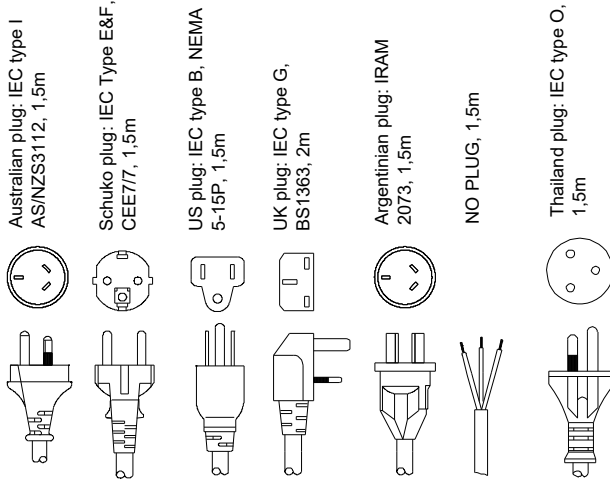




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**Created by:** Ryan McCarthy  
**Phone:** 02 9477 5540  
**Email:** sales@watermatic.com.au  
**Date:**

Description	Value
Net weight:	19.3 kg
Gross weight:	29.3 kg
Shipping volume:	0.168 m <sup>3</sup>
Sales region:	Australia
Config. file no:	98499013
Country of origin:	CN
Environmental approvals:	WEEE

## 98374712 CMBE 5-62 I-U-C-A-D-B 50 Hz



Note! All units are in [mm] unless others are stated.