

Company name: Watermatic Irrigation
Created by: Ryan McCarthy
Phone: 02 9477 5540

**Email:** sales@watermatic.com.au

Date:

### Qty. | Description

#### 1 CMBE 3-62 I-U-C-A-D-A



Note! Product picture may differ from actual product

Product No.: 98374709

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/m³

Technical:

Pump speed on which pump data are based: 3780 rpm

Rated flow: 4.2 m³/h
Rated head: 45.2 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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1 EN 1.4301

AISI 304

Impeller: Stainless steel

EN 1.4301 AISI 304

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

Type of outlet connection: Rp
Size of inlet connection: 1
Size of outlet connection: 1
Pressure rating for connection: PN 10

Electrical data:

Rated power - P2: 1.1 kW Mains frequency: 50 Hz

Rated voltage: 1 x 200-240 V Maximum current consumption: 6.70-5.60 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 I

Others:

Net weight:17 kgGross weight:27.1 kgShipping volume:0.168 m³Country of origin:CNEnvironmental approvals:WEEE

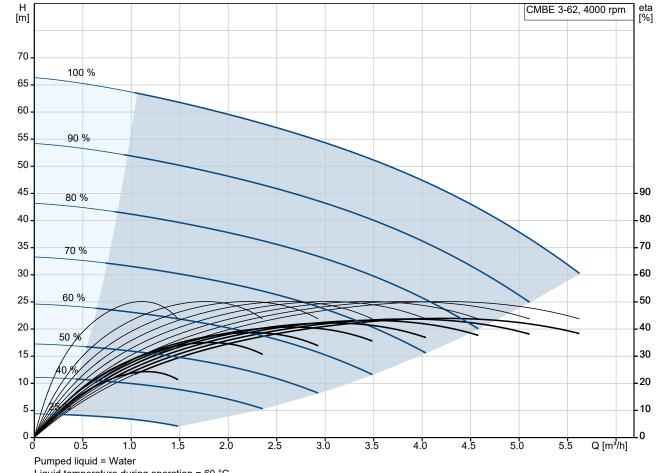


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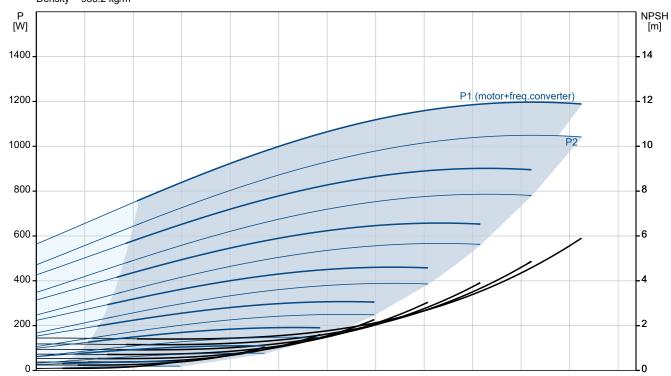
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## 98374709 CMBE 3-62 I-U-C-A-D-A 50 Hz



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





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Description	Value	H [m] CMBE 3-62, 4000 rpn	n eta [%]
General information:		70 - 100 %	+
Product name:	CMBE 3-62 I-U-C-A-D-A	65 -	+
Product No:	98374709	60 -	-
EAN number:	5711493909491	55 - 90 %	
Price:	AUD 3273	50	
Technical:		45 - 80 %	90
Pump speed on which pump data are	3780 rpm	40	- 80
based:		35 - 70 %	70
Rated flow:	4.2 m³/h	30 - 60 %	- 60 - 50
Rated head:	45.2 m	20	40
Impellers:	4	15	30
Primary shaft seal:	AVBE	10	20
Code for shaft seal:	AVBE	5	10
Approvals:	CE,RCM		∐,"
Approvals for drinking water:	WRAS,ACS	0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 Q [m³/h	1]
Curve tolerance:	ISO9906:2012 3B	Pumped liquid = Water	
Model:	Α	Liquid temperature during operation = 60 °C Density = 983.2 kg/m³	
Return valve:	YES	P	NPSH
Start pressure:	Integrated Frequency	[W]	[m]
<b>p</b>	converter	P1 (motor+freq.converter)	,,
Materials:		1200 - PT (motor+treq.converter)	12
Pump housing:	Stainless steel	1000 - P2	10
	EN 1.4301	800	8
	AISI 304		Τ
Impeller:	Stainless steel	600	-6
•	EN 1.4301	400	4
	AISI 304		
Code for rubber:	EPDM	200	-2
Installation:		0	⊥L <sub>0</sub>
Maximum ambient temperature:	55 °C	HT	
Maximum operating pressure:	10 bar	-	$\supset$
Pipe connection standard:	ISO 228-1		
Type of inlet connection:	Rp	_	ļ
Type of milet connection:	Rp	_	{
Size of inlet connection:	1	Rp 1	
Size of outlet connection:		3	
	1 DN 40		<b>****</b> \
Pressure rating for connection:	PN 10		
Liquid:			3 H
Pumped liquid:	Water		" .]
Liquid temperature range:	0 60 °C		-\\\
Selected liquid temperature:	60 °C	4 <u>x<sub>10</sub></u> 95 125	, []]
Density:	983.2 kg/m³	343.9	<del>-</del>
Electrical data:			
Rated power - P2:	1.1 kW	21	
Mains frequency:	50 Hz		
Rated voltage:	1 x 200-240 V	N ILOS ASIN	alian plug: IEC type I
Maximum current consumption:	6.70-5.60 A		
Rated speed:	360-4000 rpm	SENSOR SENSOR	ko plug: IEC Type E&F,
Enclosure class (IEC 34-5):	IP55		lug: IEC type B, NEMA P, 1,5m
Insulation class (IEC 85):	F	NC NC	lug: IEC type G, 63, 2m
Length of cable:	1.5 m		tinian plug: IRAM , 1,5m
Power plug:	Australian plug		PLUG, 1,5m
Controls:		200	lland plug: IEC type O
Type of connector:	Type I (AS/NZS 3112)	S OND 1560 A Gerika A V Gerika Y	1
Frequency converter:	Built-in	B Gerikus B	
Tank:	···	3 CND 55 +26V	
	21	8 1-92V 28 -92 23 (one)	
Tank volume:		25 QDS TX	



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Description	Value
Net weight:	17 kg
Gross weight:	27.1 kg
Shipping volume:	0.168 m³
Sales region:	Australia
Config. file no:	98390434
Country of origin:	CN
Environmental approvals:	WEEE



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# 98374709 CMBE 3-62 I-U-C-A-D-A 50 Hz

