Operating Instructions

Marine Chiller Air-Conditioning Systems
BlueCool V-PRO

English

This document is valid for:

V-PRO60 M -400V -REV -R410a 2510228A
V-PRO90 M -400V -REV -R410a 2510229A
V-PRO130 M -400V -REV -R410a 2510230A
V-PRO180 M -400V -REV -R410a 2510231A

Table of Contents

1 About this document

1.1 Purpose of this document

The Operating Instructions (OI) are an integral part of the product and provide the information required to ensure correct and safe operation.

1.2 Using this document

Before operating the unit, read this operating instruction and the supplementary sheet "Important Information on Operating and Installation Instructions".

Keep these operating instructions ready to hand.

Hand these operating instructions on to the following owner or user of the unit.

1.3 Use of symbols and highlighting

This document uses warning labels and colours for hazard classification in accordance with ISO 3864:
See also https://www.iso.org/standard/55814.html.

DANGER
This signal word denotes a hazard with a high degree of risk which, if not avoided, will lead to death or serious injury.

WARNING
This signal word denotes a hazard with a moderate degree of risk which, if not avoided, may lead to minor or moderate injury.

CAUTION
This signal word denotes a hazard with a low degree of risk which, if not avoided, will lead to minor or moderate injury.

NOTE
This signal word denotes a Special Technical Feature or (if not observed) potential damage to the product.

Refers to separate documents which are enclosed or can be requested from Webasto.

✓	Requirements for the following necessary action.

1.4 Warranty and liability

Webasto shall not assume liability for defects or damage that are the result of the Installation Instructions / Operating Instructions and the instructions contained therein being disregarded.

This liability exclusion particularly applies to:

- Improper use.
- Repairs not carried out by a Webasto service workshop.
- Use of non-genuine parts.
- Conversion of the unit without permission from Webasto.

1.5 Webasto Service App

The type label of the V-PRO Series (see chapter 3.3, "Type Label" on page 4) contains a QR code that can be used to call up further additional technical documentation in various languages. For this purpose, please use the Webasto Service App, which is available as a download for iOS (Apple) and Android (Google). For more information regarding the app, visit:
https://dealers.webasto.com

2 Safety

2.1 Intended use

The BlueCool V-PRO Series is used for heating and cooling on boats and ships.

The BlueCool V-PRO Series has been built according to the current state of technology and the recognised safety rules.

DANGER

Improper or inappropriate use may result in danger to life and limb of the user and others, as well as impairment of the unit and other property.

Any other use of this product is not permissible.

Any other use of or changes to the product, including as part of assembly and installation, will result in any and all warranty claims being voided.

WARNING

Moving parts

Risk of injury, damage to the product.

The BlueCool V-PRO Series must only be operated in their final installed position.

WARNING

Ignition of surrounding gases or highly flammable liquids by sparking of the BlueCool V-PRO Series.

You must always switch off the air-conditioning system when refuelling, or while in a petrol station area.

WARNING

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the unit by a person responsible for their safety.

- ▶ Children should be supervised to ensure that they do not play with the unit.
- ▶ Cleaning and user maintenance must not be carried out by children.
- ▶ This unit should not be accessible to the public.
- ▶ Non-observance of these precautionary measures may lead to severe or mortal injuries.

2.2 Regulations and legal requirements

Regulations on the supplementary sheet “Important Information on Operating and Installation Instructions” must be observed.

3 Unit details

3.1 Conformity

- 2014/30/EU Electromagnetic compatibility (EMC)
  See also: https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32014L0030&qid=1678353923671
- 2006/42/EC Machine directive
  See also: https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32006L0042&qid=1678353600345
- 2011/65/EU RoHS
  See also: https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32011L0065&qid=1678353780822

Webasto air conditioning units are designed in such a way that, in the installed state, they do not exceed the emission sound pressure level threshold as defined in the Machinery Directive 2006/42/EC paragraph 1.7.4.2. (u).

3.2 Product variants

Chiller unit:

- V-PRO60 M -400V –REV -R410a
- V-PRO90 M -400V –REV -R410a
- V-PRO130 M -400V –REV -R410a
- V-PRO180 M -400V –REV -R410a

V-PRO60 M -400V –REV –R410a	
V-PRO	BlueCool V-PRO Series chiller unit
60	Cooling capacity in kBTU/h
M	Mono (1 compressor with 1 closed refrigerant circuit)
400 V	Rated voltage
REV	“Reverse Cycle” cooling and heating (reverse heating operation)
R410a	Refrigerant

Table 1: Example

3.3 Type Label

The type label is located next to the cable feed-through for electrical connection at the front of the unit. The type label details the output, serial number and registration data.

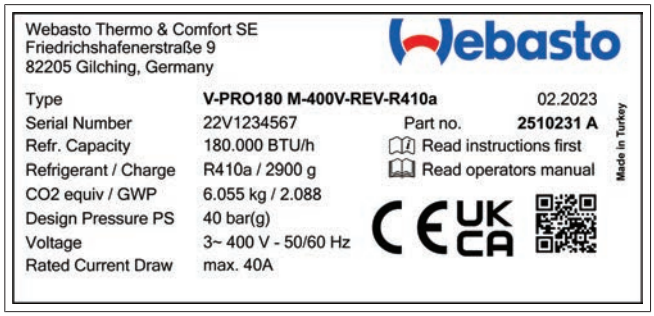

Fig. 1 Type label

4 Operation

4.1 Description

The BlueCool MyTouch control element for the BlueCool V-PRO Series enables you to control the connected system. The display doubles up as a touch screen. Instructions are included in this document.

ATTENTION

Damage to BlueCool MyTouch

The display must not come in contact with any other electrical devices. The electrostatic discharge could cause malfunctions.

Do not use pointed or sharp objects to operate the screen. Do not exert excessive pressure.

NOTE

Webasto recommends operating the screen using your fingers only. The touch sensitivity of the screen is optimized to fingertip contact. The screen may not respond if gloves are worn.

Tapping at the very edge of the screen may not be recognized.

4.2 Home screen and icons

Black and white are available as background colours for the home screen. The functions are the same.

To change the background colour, see chapter 4.4, "Settings menu" on page 6.

The symbols on the Home screen provide information on the system status. The symbols are explained in the table below:

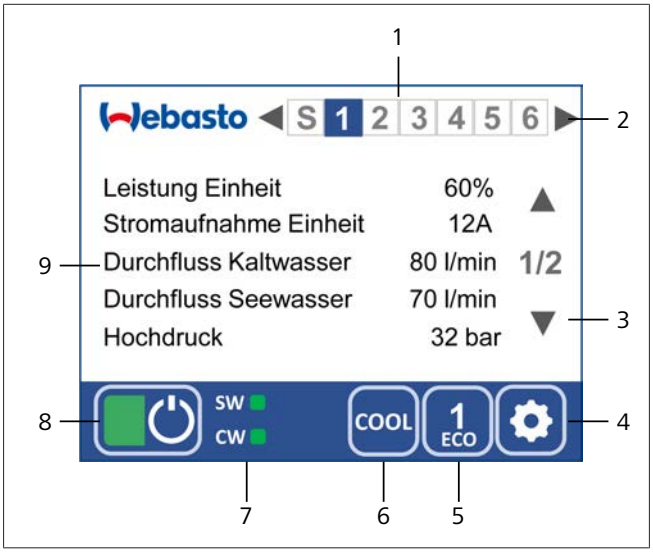

Fig. 2 Home screen

1	V-PRO unit (System, 1, 2, 3, …)
2	Screen change (system, unit 1, unit 2, unit 3, …)
3	Page selection (page 1, page 2)
4	Settings
5	ECO mode (On, 1, 2, 3)
6	Operating mode (Cool, Heat, Heat Aux)
7	Status of sea water, cold water pump
8	System status (On / Off)
9	Text display with 5 parameters

4.2.1 Standby

The screen will go to Standby mode after 5 minutes if the screen remains untouched and will show an idle screen that can be selected in the settings. Tap anywhere on the screen to call up the Home screen.

4.2.2 Notification

The notification icon appears on the bottom status line to draw your attention to the current status of the system. Tap the icon to show the current status.

4.2.3 ON/OFF

When the screen is off:

- Tap the screen
  - The screen switches on.

When the screen is on:

- Tap the green / grey field
  - The color of the ON/OFF symbol indicates the operating status of the BlueCool (green = switched on).

4.2.4 Operation

After switching on, the control system starts up all V-PRO units within the system in steps in the selected operating mode.

The colour of the lower screen bar shows the operating mode. It is:

- Blue in cooling mode.
- Red in heating mode.

4.2.5 Select operating mode

The **Operating Mode** button (6) is used to set the operating mode.

The options are:

- COOL (cooling mode)
- HEAT (heating mode)
- HEAT AUX (Heating mode combined with an external heater)

NOTE

If a different operating mode is selected when the unit is in operation, then the whole system initially shuts down, then restarts in the new operating mode. Depending on the operating state, this process may last several minutes.

4.2.6 Select ECO mode

The **ECO mode** button (5) activates energy-saving mode. Power consumption of all connected systems is limited. 3 different ECO modes are available.

The options are:

- ECO Off (100% rated power)
- ECO 1 (approx. 70% rated power)
- ECO 2 (approx. 50% rated power)
- ECO 3 (approx. 35% rated power)

4.2.7 Home screen display

The V-PRO unit typically shows the operating parameters of the connected system. If several V-PRO units are used in an integrated network then information from additional connected V-PRO units can also be displayed.

Changing the display is carried out with the arrow keys in the upper status line (Fig. 2, item 2).

The number of the V-PRO unit to which the MyTouch display is connected is shown in the upper status line in blue. If there is a change to the display on another V-PRO unit, the blue display changes to the number of the relevant system. The system that is connected to the MyTouch display is then shown framed in blue.

NOTE

If a black background is selected, then the number of the connected V-PRO unit is framed in white. The number of the home screen on another displayed V-PRO unit is shown, filled in, in white.

Pump status

The operating status of the sea water pump (SW) and the cold water pump (CW) is shown in the display bar at the bottom of the screen.

- Green = No actions required.
- Yellow = Flow may be insufficient, please check.
- Red = The flow is insufficient to ensure full cooling capacity is generated. Immediate checking is required. (See also chapter 5.1, "Sea water circuit " on page 6 and chapter 5.2, "Cold water circuit" on page 6)

System display

In addition to the operating parameters of individual V-PRO units, the S system display can also be accessed. This shows system-relevant parameters that apply to all connected V-PRO units.

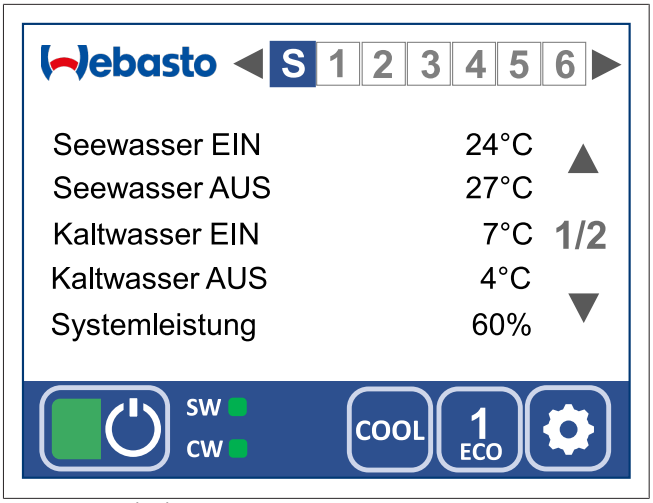

Fig. 3 System display page 1

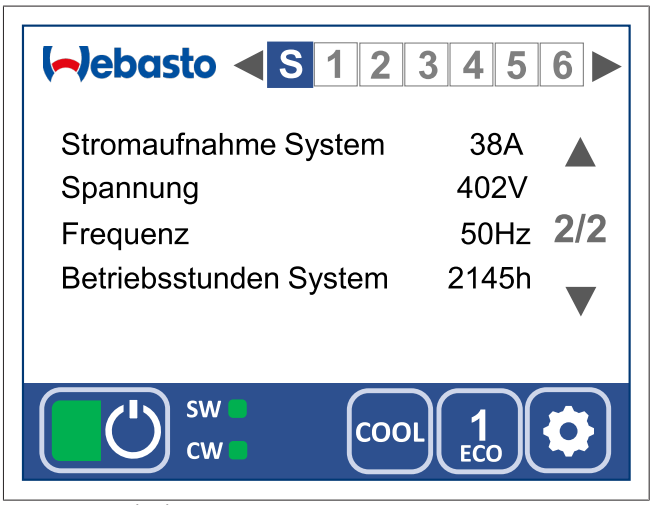

Fig. 4 System display page 2

If an additional V-PRO master control box or a V-PRO remote connection box is connected then the letter S is also assigned to this box.

Idle screen

Individual parameters can also be constantly displayed in an idle screen. These can be selected in the Settings menu.

Further information can be found in chapter 4.4.4, "Standby" on page 6.

4.3 Settings

The operating logic is explained based on the Brightness function. The explanation also applies to other functions.

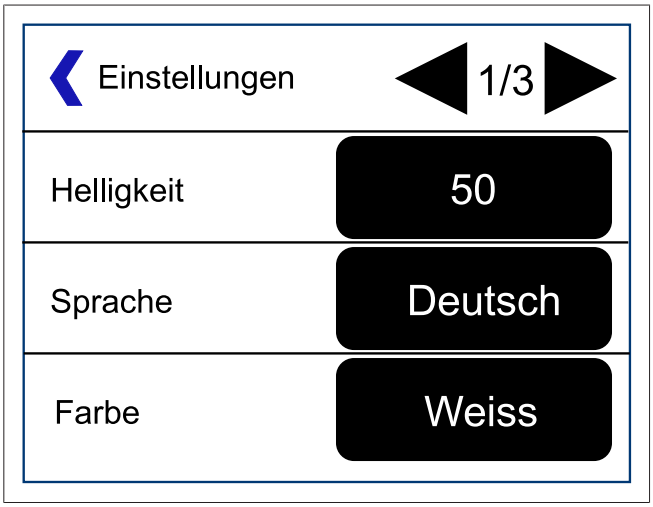

Fig. 5 Settings menu

To call up settings:

1. Tap the Settings symbol.
   – The Settings menu opens up.
2. Tap (symbol: ◀) or (symbol: ▶) to scroll between the various pages.
3. Tap on brightness. The setting window for this function opens up.

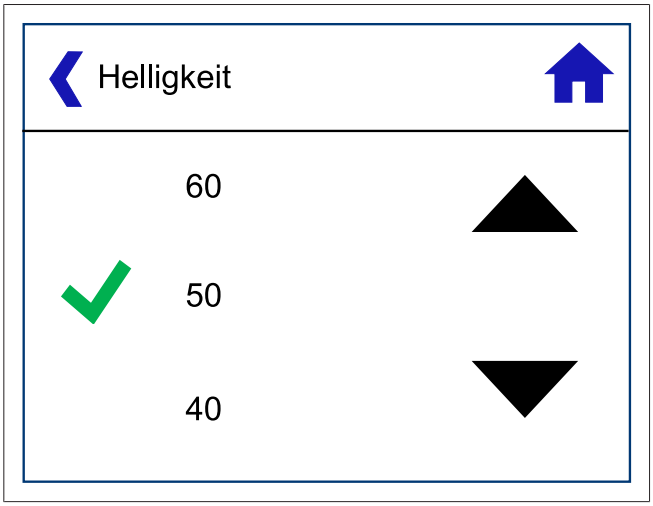

Fig. 6 Set the brightness

4. Tap the ▲ symbol to reduce the brightness or the ▼ symbol to increase it.
   – The ✓ symbol marks the current selection.
5. Tap on the required brightness to set it.
6. Tap the Previous (symbol: ❮) symbol to go to the previous level.
   – The selected settings are then adopted.
7. Tap the Home screen (symbol: ⌂) symbol to return to the Home screen.
   – The selected settings are then adopted.

4.4 Settings menu

You can access the Settings menu by tapping the Settings icon from the home screen.

The Settings menu opens up. The available functions are:

4.4.1 Brightness

Adapts the screen brightness to the ambient light levels.

4.4.2 Language

Sets the operating language.

4.4.3 Colour

Adapts the background colour.

4.4.4 Standby

4.4.5 Key tone

Sets whether the control element makes a sound when you touch the screen surface.

4.4.6 °C / °F

Sets the temperature display in degrees Celsius (°C) or degrees Fahrenheit (°F).

4.4.7 Cleaning

Disables the touch screen functions for 30 seconds to enable you to clean the surface without inadvertently changing the settings.

5 Inspection and Maintenance

We recommend performing a series of routine checks at regular intervals to ensure the system functions long-term and retains its capacity.

At least once a month, the function of the air conditioning system must be checked. To do this, the system must be switched on and must run for at least 10 minutes.

5.1 Sea water circuit

The operation of the sea water circuit must always be checked, especially after a longer absence.

- Check immediately after each switch-on of the air-conditioning system whether sea water flows out of the sea water outlet. The minimum flow rates should be complied with.
- Immediately switch off the air-conditioning system if no sea water flows out after the compressor starts up.
- Check the sea water strainer for contaminants at least once a week. Clean if necessary.
- At least once a month, check the entire sea water circuit from the through-hull fitting to the sea water outlet for leaks.
- Once a year, the sea water circuit including the condenser of the chiller unit should be cleaned. The time interval depends on the degree of biological fouling (by shellfish etc.).
- Soiling of the sea water circuit reduces the sea water flow rate, which decreases the heat dissipation and can result in reduced performance and high-pressure switch-offs. A sea water flow that is too low is shown in colour on the display.
- If the condenser is soiled, the cooling or heating capacity of the system decreases.
- The sea water circuit must only be cleaned by an expert (installer or Webasto Service Centre).

5.2 Cold water circuit

The operation of the cold water circuit must always be checked, especially after prolonged absence.

- In open systems, check the liquid level in the expansion tank at least once a month, and top up with water/glycol mixture if necessary.

- In closed systems, check the static prepressure in the system at least once a month. In the event of a pressure drop, repair leaks and top up with water/glycol mixture.
- Check the entire cold water circuit for leaks at least once a month; from the chiller unit through the cold water pump to the air handlers and, if necessary, the fresh air unit as well.
- At least once a year manually bleed the system. To do so, open the bleeder valves at the air handlers and bleed off air until bubble-free liquid flows out.
- Check the water/glycol mixture for adequate mixing ratio (25 % to max. 40 % glycol) at least once a year and rectify if necessary.

6 Decommissioning

If the air conditioning system is to be decommissioned, for example during winter, you must proceed as follows:

1. Switch off the system with BlueCool MyTouch.
2. Disconnect the power supply.
3. Completely empty sea water circuit, i.e. sea water lines, sea water strainer, sea water pump and condenser or fill with antifreeze.
4. Check adequate mix ratio of water/glycol mixture in the cold water circuit and correct if necessary.

7 Malfunctions

7.1 Status / Error message table

	Status / Error message	Possible cause	Correction
1	E100 - Undervoltage	Switch-off in case of undervoltage. Power supply below set undervoltage value for longer than 5 seconds. Cause is probably excessively long cable, overloading or an insufficiently high power generator output.	Please contact your authorised Webasto Marine dealer.
2	E101 – Low pressure compressor	Incorrect pressure sensor measurement	Please contact your authorised Webasto Marine dealer.
		Compressor switches off in heating mode: sea water flow rate too low or sea water too cold (temperature below 6 °C). Sea water strainer blocked or no intake.	Check the flow rate of the sea water circuit at the sea water outlet. If the sea water temperature is <6 °C: no heating possible in reverse heating operation. Clean sea water strainer and bleed sea water circuit.
		Compressor switches off in cooling mode: cold water flow rate too low.	Please contact your authorised Webasto Marine dealer.
		Refrigerant shortage	Please contact your authorised Webasto Marine dealer.
		Refrigerant circuit blocked	Operate chiller unit for 5 minutes in heating or cooling mode (if possible), then change over operating mode. Switch chiller unit back on and check whether the fault occurs again.
3	E102 – High pressure compressor	Pressure switch defective or power circuit interruption/short circuit.	Please contact your authorised Webasto Marine dealer.
		HEATING MODE: Cold water flow rate too low.	Please contact your authorised Webasto Marine dealer.
		COOLING MODE: - Sea water flow rate insufficient or sea water too cold (Temperature below 6 °C). - Sea water strainer blocked or no intake.	Check the flow rate of the sea water circuit at the sea water outlet. If the sea water temperature is <6 °C: no heating possible in reverse heating operation. Clean sea water strainer and bleed sea water circuit.
4	E103 – High pressure compressor	Incorrect pressure sensor measurement	Please contact your authorised Webasto Marine dealer.
		Compressor switches off in cooling mode, maximum pressure reached. Insufficient sea water cooling. Sea water strainer soiled or no flow. Sea water pump defective. Refrigerant circuit blocked.	Check sea water flow rate at sea water outlet. The minimum flow rate must be maintained. Clean sea water strainer and bleed sea water circuit. Operate chiller unit for 5 minutes in heating mode (if possible) then switch to cooling mode and check whether the fault occurs again.
		Compressor switches off in heating mode, maximum pressure reached. Cold water pump defective. Plate heat exchanger or cold water circuit blocked. Refrigerant circuit blocked.	Check cold water flow rate and if necessary, increase by changing system layout. Operate chiller unit for 5 minutes in cooling mode (if possible) then switch to heating mode and check whether the fault occurs again.
5	E111 - High pressure sensor	Pressure sensor defective or power circuit interruption/short circuit.	Please contact your authorised Webasto Marine dealer.
6	E112 - Low pressure sensor	Pressure sensor defective or power circuit interruption/short circuit.	Please contact your authorised Webasto Marine dealer.
7	E123 - Excess temperature compressor	Incorrect temperature measurement	Please contact your authorised Webasto Marine dealer.
		Compressor shut-down in cooling mode, maximum compressor temperature reached. Insufficient sea water cooling. Sea water strainer soiled or no flow. Sea water pump defective. Refrigerant circuit blocked.	Check sea water flow rate at sea water outlet. The minimum flow rate must be maintained. Clean sea water strainer and bleed sea water circuit. Operate chiller unit for 5 minutes in heating mode (if possible) then switch to cooling mode and check whether the fault occurs again.
8	E131 - Characteristic diagram	Compressor operation outside characteristic map. Incorrect pressure sensor measurement.	Please contact your authorised Webasto Marine dealer.
		Compressor operates outside the characteristic diagram in cooling mode, maximum pressure reached. Insufficient sea water cooling. Sea water strainer soiled or no flow. Sea water pump defective; refrigerant circuit blocked.	Check sea water flow rate at sea water outlet. The minimum flow rate must be maintained. Clean sea water strainer and bleed sea water circuit. Operate chiller unit for 5 minutes in heating mode (if possible) then switch to cooling mode and check whether the fault occurs again.
		Compressor operates outside the characteristic diagram in heating mode, maximum pressure reached. Cold water pump defective. Plate heat exchanger or cold water circuit blocked. Refrigerant circuit blocked.	Check cold water flow rate and if necessary, increase by changing system layout. Operate chiller unit for 5 minutes in cooling mode (if possible) then switch to heating mode and check whether the fault occurs again.

	Status / Error message	Possible cause	Correction
9	E201 - Cold water temperature sensor outlet	Cold water temperature sensor defective or break/short-circuit in electrical circuit.	Please contact your authorised Webasto Marine dealer.
10	E202 - Cold water temperature sensor inlet	Cold water temperature sensor defective or break/short-circuit in electrical circuit.	Please contact your authorised Webasto Marine dealer.
11	E211 - Sea water temperature sensor outlet	Sea water temperature sensor defective or power circuit interruption/short circuit.	Please contact your authorised Webasto Marine dealer.
12	E212 - Sea water temperature sensor inlet	Sea water temperature sensor defective or power circuit interruption/short circuit.	Please contact your authorised Webasto Marine dealer.
13	E231 - Compressor temperature sensor I	Compressor temperature sensor defective or break/short-circuit in electrical circuit.	Please contact your authorised Webasto Marine dealer.
14	E232 - Compressor temperature sensor II	Compressor temperature sensor defective or break/short-circuit in electrical circuit.	Please contact your authorised Webasto Marine dealer.
15	E300 - Data communication	Initialisation procedure or system blocked. Electrical wiring defective, interruption in power circuit/short circuit.	Please contact your authorised Webasto Marine dealer.
16	E301 - Data communication inverter	No data communication between inverter and pc-board.	Please contact your authorised Webasto Marine dealer.
17	E302 - Error on inverter PCB	Internal inverter fault	Please contact your authorised Webasto Marine dealer.
18	E303 - Data communication	System bus data transmission fault.	Switch off the chiller unit and then reconnect the power supply.
19	E304 - Data communication	Repeated assignment of a system bus address to various chiller units.	Please contact your authorised Webasto Marine dealer.
20	E305 - Permitted sea water temperature exceeded	Sea water flow rate insufficient or sea water too warm (Temperature over 40 °C).	Check sea water flow rate at MyTouch control unit. The minimum flow rate must be maintained. Clean sea water strainer and bleed sea water circuit.
21	E311 - Unit type not detected	Compressor detection is faulty or power circuit interruption/short circuit.	Please contact your authorised Webasto Marine dealer.
22	E321 - Inverter excess current	Excess current caused by undervoltage. Insufficient power supply. Cause is probably excessively long cable, overloading or an insufficiently high power generator output.	Improve power supply or activate ECO mode.
23	E322 - Inverter excess current	Current too high due to sudden changes in load, short-circuit in motor line, incorrect parameter settings.	Please contact your authorised Webasto Marine dealer.
24	E323 - Inverter excess current	HW excess current. Current too high due to sudden changes in load, short-circuit in compressor connection line, incorrect inverter parameter settings.	Please contact your authorised Webasto Marine dealer.
25	E324 - Frequency converter excess current	Excess current has occurred in the inverter. Current is excessive due to sudden load changes, short circuit in the compressor connection cable, incorrect parameters on the inverter Settings.	Please contact your authorised Webasto Marine dealer.
26	E325 - Earth leakage current	Earth fault found. Earth current too high.	Please contact your authorised Webasto Marine dealer.
27	E-331 - Excess temperature inverter	Ambient temperature too high or insufficient cooling.	Check whether the air vents in the electrical box are blocked. Remove dust deposits from the heat sink. The max. ambient temperature must not exceed 60 °C.
28	E332 - Excess temperature inverter	The permissible temperature in the inverter housing is exceeded.	Check whether the air vents in the electrical box are blocked. Remove dust deposits from the heat sink. If possible, reduce the max. ambient temperature to below 60 °C.
29	E333 - Thermistor inverter	Internal inverter thermistor fault	Please contact your authorised Webasto Marine dealer.
30	E341 - Phase connection to compressor	Compressor, phase connection. Break in compressor connection cable.	Please contact your authorised Webasto Marine dealer.
31	E342 - Missing phase in inlet	Power supply of a phase is faulty. Uneven load on a phase due to other users.	Please contact your authorised Webasto Marine dealer.
32	E343 - Compressor not connected	Compressor defective or power circuit interruption.	Please contact your authorised Webasto Marine dealer.
33	E351 - Undervoltage inverter	Undervoltage due to low supply voltage or defective inverter.	Please contact your authorised Webasto Marine dealer.
34	E352 - Overvoltage	The DC voltage of the intermediate circuit has exceeded the maximum permissible value as the result of excessively long delay or overvoltage peaks in the supply voltage.	Please contact your authorised Webasto Marine dealer.

	Status / Error message	Possible cause	Correction
35	E353 - Power supply is not normal	The power supply is faulty.	Check on-shore connection or generator.
36	E361 - Compressor speed	Incorrect speed or incorrect parameters at too high a load.	Please contact your authorised Webasto Marine dealer.
37	E362 - Compressor overload	Maximum permissible current was exceeded within the defined time window.	Please contact your authorised Webasto Marine dealer.

Table 2: Status / Error message

8 Annex

8.1 Parameter settings

8.1.1 Parameter list home screen

	Parameter	Meaning	Unit / parameter	Value range	Factory setting
Home screen	On/Off system	On/Off switch for all chiller units in the system	-	On, Off	-
	Operating mode	Changes the operating mode	-	COOL (cooling only)	
				HEAT (heating only)	
				AUX (heating only with ext. heater)	
	ECO mode	Set maximum current consumption during ECO operation	-	ECO Off (100% performance)	-
				ECO 1 (70 % of rated power)	
				ECO 2 (50 % of rated power)	
				ECO 3 (35 % of rated power)	
	Unit	Set the display of a chiller unit	-	1-6; S	-
	page	Set the home screen page	-	1.2	
	Flow status	Display the flow status of the cold water (CW) and sea water pump (SW)	-	green (flow quantity sufficient)	-
				yellow (check flow quantity)	
				red (immediate flow monitoring required)	
	Operating values of system	Sea water entry temperature	°C, °F	Page 1, system	-
		Sea water exit temperature	°C, °F		-
		Cold water inlet temperature	°C, °F		-
		Cold water outlet temperature	°C, °F		-
		System performance	%, idle		-
		current consumption in system	A	Page 2, system	-
		Voltage	V		-
		Frequency	Hz		-
		System operating hours	h		-
		-	-		-
	Chiller unit operating values	Chiller unit output	%, idle	Page 1, unit	-
		Chiller unit current consumption	A		-
		Flow rate of cold water	l, gal		-
		Flow rate of sea water	l, gal		-
		High pressure	bar		-
		Low pressure	bar	Page 2, unit	-
		-	-		-
		-	-		-
		-	-		-
		-	-		-

Table 3: Parameter list home screen

8.1.2 Parameter list for settings menu

	Parameter	Meaning	Unit / parameter	Value range	Factory setting
Settings	Brightness	Sets the screen brightness	Percentage	5-100%	100%
	Language	Sets the operating language	Language	English	English
				English	-
				Français	-
				Español	-
				Italiano	-
				Nederlands	-
				Polski	-
				Русский	-
				Türkçe	-
				Slovenščina	-
	Colour	Background colour	-	White	White
				Black	-
	Standby	Selects the standby mode display	-	1 Webasto logo	Webasto logo
			-	2 Customer logo	-
			-	3 Standby off	-
			°C, °F	4 System: cold water temperature	
			°C, °F	5 System: sea water temperature	
			A; %	6. System: current consumption, output	
			V	7 System: mains voltage	
			Hz	8 System: supply frequency	
			Hz	9 System: operating hours	
			-	10 System: status	
			l/min, gal/min	11 Chiller unit: flow rates	
			A; %	12 Chiller unit: current consumption, output	
			bar	13 Chiller unit: high pressure, low pressure	
			-	14 Chiller unit: status	
	Key tone	-	-	On, Off	On
	°C / °F	Display metric or imperial	-	°C, °F ; l/min, gal/min; bar, PSI	Metric
	Cleaning	Disables the touch screen for 30 seconds	-	-	-

Table 4: Parameter list settings

To request this documentation in another language, please locate and contact your local Webasto dealer. You can find your nearest dealer at: https://dealerlocator.webasto.com/en-int.
To provide feedback (in English or German), please email: feedback2tdt@webasto.com

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