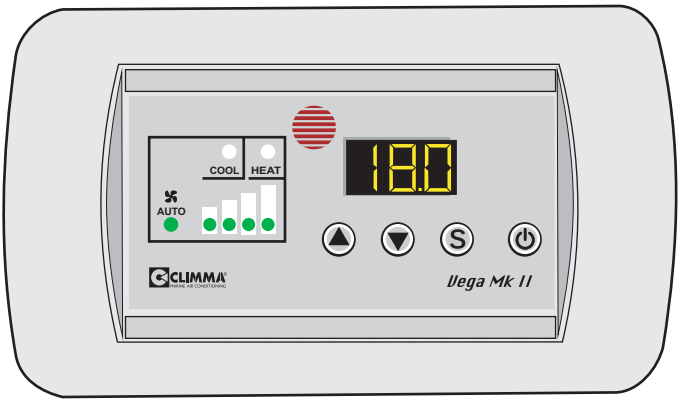
CLIMMA®
MARINE AIR CONDITIONING

Digital panel
VEGA MK II

INSTALLATION, USE AND
PROGRAMMING MANUAL.



Cod. I1433 20/04/06

CE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
=ISO 9001/2000=

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1 - INSTALLATION

1.1 Electrical connection

It's very easy to connect Vega MK II to the powerboard using an eight poles cable (straight) and a RJ45 connector. The standard length of this cable is four meters.

1.2 Power On

Power On means that the panel is supplied. In Power On the following information is given: [r x.x].

1.3 Software relay

The indication looks like the following: [rx.x].

1.4 Program from the powerboard

Vega MK II panel connected to a FAN COIL UNIT

The Vega MK II panel connected to a Fan Coil unit. It is a digital panel that can set up both Fan Coil units and Compact and Split units, because it recognizes automatically the system to which it is connected.
You can identify the unit model thanks to the dip switch on the unit powerboard (for Compact and Split units the model and for Fan Coil units the configuration).
If the Vega MK II panel is connected to a Fan Coil unit, there are four programs types that can be downloaded (with water valve, Fan Only, with strip heater).

Fan Coil types	Dip Switch Setting Out	Downloaded program
FAN ONLY	1=ON ; 2=ON	PRO
WITH WATER VALVE	1=OFF ; 2=ON	PR1
WITH WATER VALVE + STRIP HEATER	1=ON ; 2=OFF	PR2
DEFAULT SETTING OUT	1=OFF ; 2=OFF	n.PR

Vega MK II panel connected to a COMPACT or SPLIT UNIT

The powerboard of the Compact or the Split unit is already set out for the model (EH, CO, RC). Only for replacement powerboards the setting out is neutral (dip switch OFF-OFF).

Compact /Split Units types	Dip Switch Setting Out	Downloaded program
COOL ONLY (CO)	1=ON ; 2=ON	PR3
ELECTRICAL HEATING (EH)	1=OFF ; 2=ON	PR4
REVERSE CYCLE (RC)	1=ON ; 2=OFF	PR5
NEUTRAL SETTING OUT OF THE REPLACEMENT POWERBOARD	1=OFF ; 2=OFF	n.PR

IMPORTANT

Check that the program downloaded for Vega MK II corresponds to the unit type actually connected to.

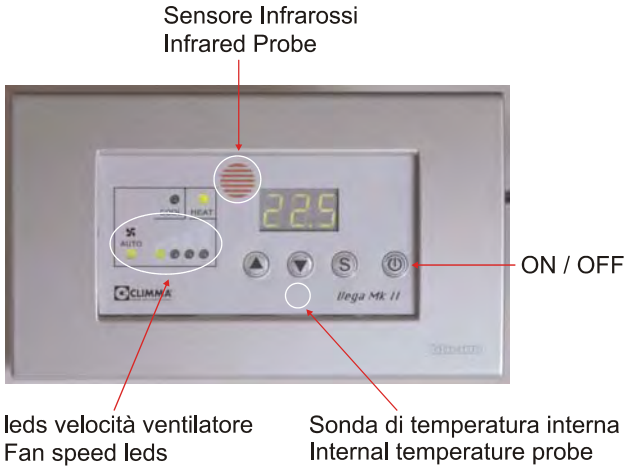
1.5 Positioning of the panel (Temperature internal probe)

Since the temperature probe installed in the panel feels the ambient temperature, the panel should NOT be installed:
1) Directly exposed to the sunlight (for example, in front of a window);
2) In air stagnation areas (for example, between many pieces of furniture or behind doors);
3) In areas next to heat springs (for example, near incandescent lamps)
In case of anomalies during the functioning due to the panel position, you have to use the external probe (see 1.6), that replaces the probe in the panel.

1.6 Temperature external probe (as option)

External probe (code MSENS)
The external probe must be connected to the RJ12 connector "Probe" on the power-board in the electrical box. The connection to the external probe excludes automatically the internal probe. It is better to fasten the sensitive bulb of this probe on the conditioner or the fan coil suction.

2 - GENERAL DESCRIPTION OF THE VEGA MK II PANEL



2.1 ON / OFF button

It switches on and off the unit.
When it is on, the display shows the ambient temperature (or abbreviations, such as U, d, FO if you have set up the corresponding special functions) and also the Heat and Cool and the Fan warning lights.
When it is off, the display shows only the ambient temperature.

2.2 S button

Set/Select button.
It is used to enter the programming menu (if pressed for 3 seconds) and to confirm the parameters change (if pressed by 5 seconds to save the new value).

2.3 Arrow up/Arrow Down buttons

They have got three functions:
1) When the panel is on, they let enter directly the menus (respectively Arrow Up for SET and Arrow Down for FAN). At this point, it is sufficient to press the S button to enter the respective menus and to display or to change some values or the setting out.
2) They let move in the menus.
3) They let change the parameters values during the programming.

2.4 Display

Display with three numeric characters and seven segments.
It display the ambient temperature (both when the panel is on and when it is off).
When it is on, it displays also eventual alarms, messages or special functioning modes abbreviations.

2.5 Functioning warning lights

Cool
It indicates that the conditioning system is in Cool Mode.
If the Vega MK II panel is connected to a Fan Coil unit, the COOL warning light blinks when the Cool Mode is on but the circulation water temperature is too warm.

Heat
It indicates that the conditioning system is in Heat Mode.
If the Vega MK II panel is connected to a Fan Coil unit, the HEAT warning light blinks when the Heat Mode is on but the circulation water temperature is too cool.

Auto
It indicates that the fan control is in Automatic Mode.
In this case the Vega MK II panel controls the fan speed, increasing or decreasing it automatically to reach and keep the set out temperature (Set Point). When the AUTO warning light is not blinking, the fan is in Manual Mode, so its speed is chosen by the user and it will not change automatically.

Fan speed
The four warning lights indicate the fan speed: from minimum on the left to the extra-maximum on the right.

2.6 Probes

In the Vega MK II panel there are two probes:
Infrared probe, at the top in the center, to communicate with the radio-control device.
Temperature internal probe at the bottom under the buttons area.

2 - GENERAL DESCRIPTION OF THE VEGA MK II PANEL

Temperature probes setting out parameters

Parameter C95
It is the internal probe offset. This parameter is used to change the temperature felt by the internal probe. The value displayed in the parameter C95 is subtracted to the real value read by the probe.
For example:
C95=3
Real temperature felt by the probe=25° C
Changed and displayed temperature=25-3=22° C

Parameter C96
It is the external probe offset.
This parameter is used to change the temperature felt by the external probe. The value displayed is added (if positive) or subtracted (if negative) to the real temperature felt by the probe.
For example:
C96=3
Real temperature felt by the probe=25° C
Changed and displayed temperature=25+3=28° C
Real temperature felt by the probe=25° C
Changed and displayed temperature=25-3=22° C

3 - SETTING OUT

3.1 Set Point (Default=25° C)

The Set Point is the temperature you desire to have. The Default Set Point is 25° C.
How to display the chosen Set Point
Press the Arrow Up button and then the S button. After 5 seconds the display will show again the ambient temperature.
How to change the Set Point
With the panel (with quick choice)
Press the Arrow Up button > [SET] > Press the S button > Press the Arrow Up or the Arrow Down button to select the desired temperature > Press the S button to record it
With the remote-control device
Press the button + to increase the Set Point.
Press the button - to decrease the Set Point.

3.2 Functioning Modes (Default=A)

A=Auto Mode
C=Cool Mode
H=Heat Mode
U=Unattended Mode
D=Dehumidify
FO=Fan Only
See chapter 4 for a more precise analysis of the functioning modes.

3.3 Fan Mode (Default=A)

A=Auto; 1-2-3-4 indicate the chosen speed.
See chapter 5 for a more precise analysis of the functioning modes.

4- FUNCTIONING MODES (Mod)

4.1 Automatic Mode (A) - Default Mode

In Automatic Mode the Vega MK II panel automatically selects the functioning mode (cool or heat) to reach and keep the "Set" temperature.
The Heat or Cool warning lights indicate the functioning mode.
If the panel controls a Fan Coil unit, the Heat and Cool warning lights blink when the panel demand does NOT correspond to the temperature of the Fan Coil supply circuit.
When the function (A) is set up, the temperature is kept to the set up value +/- the differential value (parameter C10).

How to set up the Automatic Mode
When the panel is on
Press the s button (for 3 seconds) > [SET] > Press the Arrow Down button to select Mode > Press the S button > Press the Arrow Up or the Arrow Down button to select [A] > Press the S button
With the remote-control device
Press the (A) button.

Setting out parameters
Parameter C10 (Differential) (Default=1° C)
How to change the parameter C10
When the panel is off
Press the S button + the OFF button (for 3 seconds) > [PASS] > Press the S button >[0] > Press the Arrow Up or the Arrow down button to display the number 123 > Press the S button > [C10] > Press the S button > Press the Arrow Up or the arrow Down button to obtain the differential desired value > Press the S button

4.2 Fan Only Mode (FO)

.The Fan Only Mode sets up only the fan.
How to set up the Fan Only Mode.
When the panel is on
Press the S button (for 3 seconds) > [SET] > Press the Arrow Down button to select [Mod] > Press the S button < Press the Arrow Up or the Arrow down button to select [FO] > Press the S button
With the remote-control device
Press once or more times the (M) button to select [FO]

4- FUNCTIONING MODES (Mod)

4.3 Unattended Mode (U)

The Unattended Mode decreases (summer cycle) or increases (winter cycle) the value set out temperature according to the parameter C50 (Default=5).
The display shows U. The Heat and Cool warning lights are not blinking.

How to set up the Unattended Mode
When the panel is on
Press the S button (for 3 seconds) > [SET] > Press the Arrow Down button to select [Mod] > Press the S button > Press the Arrow Up or the Arrow Down button to select [U] > Press the S button
With the remote-control device
Press once or more times the (M) button to select [U].

4.4 Dehumidify Mode (d)

First phase: 30 minutes long exclusively with fan.
Second phase: Cool cycle for 30 up to 60 minutes long (parameter C60)
Third phase: Inoperative until the new cycle.
The whole cycle lasts 6 hours.
The Heat and Cool warning lights are switched off. This mode does not control the ambient temperature. If the temperature decreases below 15° C, the system stops and waits for a new cycle.
The Dehumidify cycle can not work with Fan Coil units if the circuit water is not cool.

How to set up the Dehumidify Mode
When the panel is onPress the S button (for 3 seconds) > [SET] > Press the Arrow Down button to select [Mod] > Press the S button > Press the Arrow Up or the Arrow Down button to select [d] > Press the S button
With the remote-control device
Press once or more times the (M) button to select [d].

4.5 Heat Only Mode (H)

The unit works only in Heat cycle.
How to set up the Heat Only Mode
When the panel is on
Press the S button (for 3 seconds) > [SET] > Press the Arrow Down button to select [Mod] > Press the S button > Press the Arrow Up or the Arrow Down button to select [H] > Press the S button

4.6 Cool Only Mode (C))

The unit works only in Cool cycle.
How to set up the Cool Only Mode
When the panel is on
Press the S button (for 3 seconds) > [SET] > Press the Arrow Down button to select [Mod] > Press the S button > Press the Arrow Up or the Arrow Down button to select [C] > Press the S button

5 - FAN MODES

5.1 Fan Auto Mode

The Vega MK II has got four possible fan speeds: minimum, medium, maximum and extra-maximum. When you select this mode, on the panel, both the Auto and the speed probes, set out from the panel, blink.
The more the ambient temperature is different from the set value, the higher is the fan speed.
How to set up the mode
When the panel is on
Press the Arrow Down button > [Fan] > Press the S button > Press the Arrow Up or the Arrow Down button to select [A] > Press the s button
With the remote-control device
Press more times the Fan button to read [A] on the display.

5.2 Fan Manual Mode

There are four possible fan speeds: minimum, medium, maximum and extra-maximum.
How to set up the mode
When the panel is on
Press the Arrow Down button > [Fan] Press the S button > Press the Arrow up or the Arrow Down button to select the desired speed [1] [2] [3] [4] > Press the S button
With the remote-control device
Press more times the Fan button to select the desired speed [1] [2] [3] [4].

5.3 Fan control parameters

Parameter CO1 (Default=All)
Maximum speed to be used in Fan Auto Mode.
How to set the parameter CO1
When the panel is off
Press the S button > [CO1] > Press the S button > Press the Arrow Up or the Arrow Down button to select the desired value [All] [no4] o [no3] > Press the S button

Parameter CO2 (Default=All)
Minimum speed to be used in Fan Auto Mode.
How to set the parameter CO2
When the panel is off
Press the S button (for 3 seconds) > [CO1] > Press the Arrow Down button to select [CO2] > Press the S button > Press the Arrow Up or the arrow Down button to select the desired value [All] o [no1] > Press the S button

5 - FAN MODES

Parameter CO3 (Default=C)
Temperature measure in C° or F°.
How to set the parameter CO3
When the panel is off
Press the S button (for 3 seconds) > [CO1] > Press the Arrow Down button to select [CO3] > Press the S button > Press the Arrow Up or the arrow Down button to select the desired value [C] or [F] > Press the S button

Parameter CO4 (Default=d)
This parameter controls the fan automatic logic. The "d" value decreases the fan speed until more or less the Set Point. The "U" value increases the speed until more or less the Set Point.
How to set the parameter CO4
When the panel is off
Press the S button (for 3 seconds) > [CO1] > Press the Arrow Down button to select [CO4] > Press the S button > Press the Arrow Up or the Arrow Down button to select the desired value [d] o [U] > Press the S button

Parameter CO5 (Default=ON)
This parameter controls (if possible) the fan functioning when the Set Point is reached.
With CO5=ON: the fan continues to work
With CO5=OFF: the fan stops
How to set the parameter CO5 (Default=d)
When the panel is off
Press the S button (for 3 seconds) > [CO1] > Press the arrow Down to select [CO5} > Press the S button > Press the Arrow Up or the Arrow Down button to select the desired value [ON] or [OFF] > Press the S button

6 - SPECIAL FUNCTIONS

6.1 Autostart function (Parameter CO6))

Functioning or inactivity recording.
Default=Yes
How to set up the Autostart function
When the panel is off
Press the S button > [CO1] > Press the Arrow Down button to select]CO6] > press the S button > Press the Arrow Up or the Arrow Down button to select [Yes] > Press the S button

7 - ALARMS / MESSAGES

7.1 HP Alarm

ONLY when the Vega MK II is connected to a Compact/Split unit.
You can see a point on the right of the display. When the high pressure switch springs shut for the third time, the abbreviation [HP] appears on the display and the system stops.
You must switch off and on the panel (with the On/Off button or by the remote-control device) to cancel the alarm signal and set up again the unit.

7.2 Message [C.FL]

The abbreviation [C.FL] suggests the user to clean the filter (2500 running hours).
How to reset the message [C.FL]
When the panel is on
Press the S button (for 3 seconds) > [SET] > Press the Arrow Down button to select [r.ti] (reset timer) > Press the S button > Press the Arrow Up or the Arrow Down button to select [Yes] > Press the S button

7.3 Message [nor]

In Dehumidify Mode, when the Vega MK II is connected to a Fan Coil unit.
The circuit water is above) 25° C.

7.4 Message [n.Pr]

The message [n.Pr] appears when the dip switch of the powerboard is not set out (see Chapter 2: 2.2) or because of datas communication problems between the powerboard and the Vega MK II panel and if the CHANGE OVER is not connected.

7.5 Message [NA]

The message [nA] (not Available) appears on the display when the Vega MK II is connected to a Compact/Split unit of the CO type (Cool Only) and it is necessary to heat the environment.

8 - HIDDEN PARAMETERS

Parameter C30 (LSI)
It sets out the Inversion Maximum Limit (LSI).
Default=2° C
It can be changed from 1 to 4° C.
This limit represents the °C above the Set Point when there is an inversion to the Cool Mode.
For example:
C30=2° C
Set Point=25° C
Change from Heat to Cool Mode=27° C
How to modify the parameter C30
When the panel is off
Press the S button + the Off button (for 3 seconds) > [PASS] > Press the S button > [0] > Press the Arrow Up or the Arrow Down to display the number 123 > Press the S button > [C10] > Press the Arrow Up or the Arrow Down button to display the parameter [C30] > Press the S button > Press the Arrow Up or the Arrow Down button to display the new desired value > Press the S button to confirm

Parameter C40
It sets out the inversion Minimum Limit (LII).
Default=2° C
It can be changed from 1 to 4° C.
This limit represents the ° C below the Set Point when there is an inversion from the Cool to the Heat Mode.
For example:
C40=2° C
Set Point=25° C
Change from Cool to Heat Mode=23° C
How to modify the parameter C40
When the panel is off
Press the S button + the Off button (for 3 seconds) > [PASS] > Press the S button > [0] > Press the Arrow Up or the Arrow Down button to display the number 123 > Press the S button > [C10] > Press the Arrow Up or the Arrow Down button to display the parameter C40 < Press the S button > Press the Arrow Up or the Arrow Down button to display the new desired value > Press the S button to confirm

Parameter C50 (Default=5)
In Unattended Mode it increases (in cool cycle) or decreases (in heat cycle) the parameter C50 Set Point.
It can be changed from 1 to 10° C.
For example:
C50=5° C
Mode=Cool
Set Point=25° C ; Set Point Unattended=25+5=30° C
Mode=Heat
Set Point=25° C ; Set Point Unattended=25-5=20° C
How to modify the parameter C50
When the panel is off
Press the S button + the Off button (for 3 seconds) > [PASS] > Press the S button > [0] > Press the Arrow Up or the Arrow Down button to display the number 123 > Press the S button > [C10] > Press the Arrow Up or the Arrow Down button to display the parameter [C50] > Press the S button > Press the Arrow Up or the Arrow Down button to display the new desired value > Press the S button to confirm

8 - HIDDEN PARAMETERS

Parameter C60 (Default=30 minutes)
It can be changed from 30 to 60 minutes.
Functioning length in Dehumidify Mode
For example:
Functioning=30 minutes every 6 hours
How to modify the parameter C60
When the panel is off
Press the S button + the On/Off button (for 3 seconds) > [PASS] > Press the S button > [0] > Press the Arrow Up or the Arrow Down button to display the number 123 > press the S button > [C10] > Press the Arrow Up or the Arrow Down button to display the parameter [C60] > Press the S button > Press the Arrow Up or the Arrow down button to select the new desired value < Press the S button to confirm

Parameter tSt-TEST
It is used to test all the functioning modes.
Different components and functioning modes are tested in order independently from the temperature felt by the thermostat.

Test with a Fan Coil unit
Test ALL [ALL]
When you set up the test ALL, you set up the tests sequence t1-t2-t3-t4-t5.
Test N° 1 [t1]
It opens the water valve (for 5 minutes). The message [bLE] (bleeding) appears on the display.
Test N° 2 [t2]
It sets up the fan and commutes the four speeds to a sequence (20 seconds for each one). The abbreviations [F1],[F2],[F3],F4] appear on the display.
Test N° 3 [t3]
It opens the water valve for 5 minutes (fan at medium speed)+1 minute closing.The message [HYd] appears on the display.
Test N° 4 [t4]
It switches on the resistance for 5 minutes (fan at medium speed). The message [Elt] appears on the display.
Test N° 5 [t5]
It switches on the warning lights and all the display segments.

8 - HIDDEN PARAMETERS

Test with a Compact/Split unit
Test ALL [ALL]
The test ALL sets up the tests sequence t1-t2-t3-t4-t5.
Test N° 1 [t1]
It sets up the fan and commutes the four speeds to a sequence (20 seconds for each one). The abbreviations [F1],[F2],[F3],[F4] appear on the display.
Test N° 2 [t2]
It switches on the sea water pump for 5 minutes. The message [t.P] appears on the display.
Test N° 3 [t3]
It sets up the fan at medium speed (F2), the pump and the compressor for 5 minutes. The message [t.C] appears on the display.
Test N° 4 [t4]
It switches on and off three times the valve/resistance relay (once per second). Then it sets up the fan at medium speed (F2) and switches on again the valve/resistance relay for 5 minutes. During the test the message [t.H] appears on the display.
Test N° 5 [t5]
It switches on all the warning lights and all the display segments.

How to set up the test function
When the panel is off
Press the S button + the On/Off button (for 3 seconds) > [PASS] > Press the S button > press the Arrow Up or the Arrow Down button to display [123] > Press the S button (Hidden parameters) > Press the Arrow Up or the Arrow Down button to select the parameter [tSt] > Press the S button > Press the Arrow Up or the Arrow Down button to select the desired test or sequence .
To move from one test to another interrupting the one in execution, use the Arrow Up or the Arrow Down button.
To go out from the test function and to interrupt the test in execution, press the On/Off button.

Parameters ti.H & ti.L - timer
Functioning time="ti.H" corresponds to the thousands
"ti.L" corresponds to the units
The timer resolution is 1 hour.
How to display the parameter ti.H
When the panel is off
Press the S button + the On/Off button (for 3 seconds) > [PASS] > Press the s button > [0] > Press the Arrow up or the Arrow down button to display the number [123] > Press the S button > [C10] > Press the Arrow Up or the Arrow Down to display the parameter [ti.H] > Press the S button > It displays the thousands value > Press the S button to go out
How to display the parameter [ti.L]
When the panel is off
Press the S button + the On/Off button (for 3 seconds) > [PASS] > Press the S button > Press the Arrow Up or the Arrow Down button to display [123] > Press the S button > [C10] > Press the Arrow Up or the Arrow Down to display the parameter [ti.L] > Press the S button > It displays the units value > Press the S button to go out
For example:
If ti.H=3
and ti.L=245
The running hours are 3245.

9 - DESCRIPTION OF PARAMETERS

9.1 Parameters table

Display	Name	Default	Description
DIRECT PARAMETERS (When the panel is on > S button x 3 seconds)			
Set	Set Point	25° C	It is the desired ambient temperature. Its value can change from 18° to 30° C.
Fan	Fan	Automatic (A)	It controls the fan. It is possible to select manually (1-2-3-4) the speed or to set it out in Auto Mode (A).
Mod	Mode	Automatic (A)	It controls the functioning mode between Cool Mode (C), Heat Mode (H), Dehumidify Mode (d), Unattended Mode (U),Automatic Mode (A), Fan Only (FO).
Lit	Light	4	It controls the luminosity of the warning lights and of the panel display. There are four luminosity levels (1-2-3-4).
r.ti	Reset Timer	No	It resets the internal timer when the abbreviation “C.FL” (Clean Filter) appears on the display. (2500 hours)
Def	Default	No	“Yes” resets all the default conditions.

9 - DESCRIPTION OF PARAMETERS

INDIRECT PARAMETERS (When the panel is off > S button x 3 seconds)

CO1	Fan Max Speed	ALL	It sets out the maximum speed at which the fan can work in Auto Mode. “no4” > It excludes the extra-max speed. “no3” > It excludes the extra-max and the max speed. “All” allows all the speeds. Warning: the user can select the desired speed independently from the setting out of this parameter.
CO2	Fan Min Speed	ALL	It sets out the minimum speed at which the fan can work in Auto Mode. “no1” excludes the min speed “All” allows all the speeds. Warning: the user can select the desired speed independently from the setting out of this parameter.
CO3	°F / °C	° C	It commutes from °F to °C.
CO4	Speeds conduct	d	It inverts the fan automatic logic. With “d” the speed decreases to the Set Point. With “U” the speed increases to the Set Point.
CO5	Fan conduct at the Set Point	ON	“Off” stops the fan when it reaches the Set Point. “On” keeps the fan functioning.
CO6	Autostart	Yes	“Yes” resets the functioning as before the black out. “No” demands the manual setting up.
CO7	Pump conduct	ON	“On” keeps the pump functioning when it reaches the Set Point. With “cyc” the sea water pump and the compressor work together.

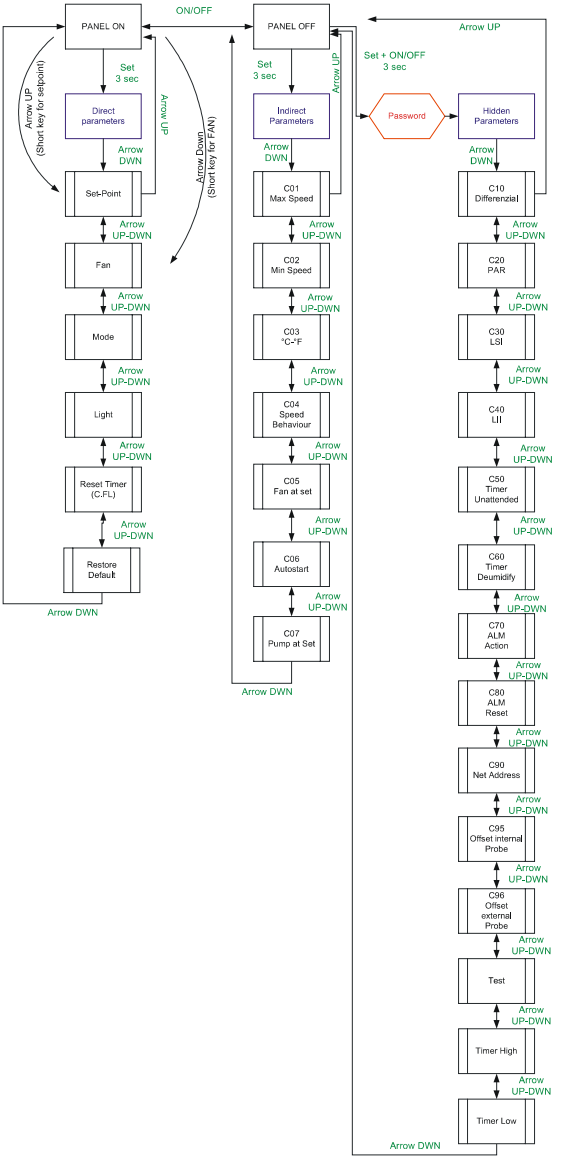
9 - DESCRIPTION OF PARAMETERS

HIDDEN PARAMETERS
(When the panel is off > S button+On/Off button x 3 seconds > Password > "Arrow Down")

C10	Differential	1° C	It sets out the differential..
C20	PAR	2° C	It sets out the PAR value, that must be added to the parameter C10 to obtain the commutation temperature from max to med speed, to which also the commutation temperature from med to min is connected. If Set point=25; C10=1 e C20=2 > 25+1+2=28. The commutation temperature from max to med speed is 28° C..
C30	Maximum Inversion Limit (LSI)	2° C	It sets out the Maximum Inversion Limit. It sets out (in Auto Mode) at how many °C above the Set Point there is an inversion heat-cool.
C40	Minimum Inversion Limit (LII)	2° C	It sets out the Minimum Inversion Limit. It sets out (in Auto Mode) at how many °C below the Set Point there is an inversion cool-heat.
C50	Set Point Increase	5° C	It sets out how many ° C are added or subtracted to the Set point in Unattended Mode.
C60	Dehumidify timer	30 minutes	It sets out how many minutes (in a 6 hour period) the system in Cool Mode must work in Dehumidify Mode.
C70	Not set up		
C80	Not set up		
C90	Web address	1	It sets out the Modbus web address.
C95	Internal probe offset	4,3°	It offsets the temperature felt by the internal probe.
C96	External probe offset	0°	It offsets the temperature felt by the external probe.
tst	Test	/	It sets out the test type.
ti.H	Timer High	/	It represents the three numeric characters of the thousands.
Ti.L	Timer Low	/	It represents the three numeric characters of the units.

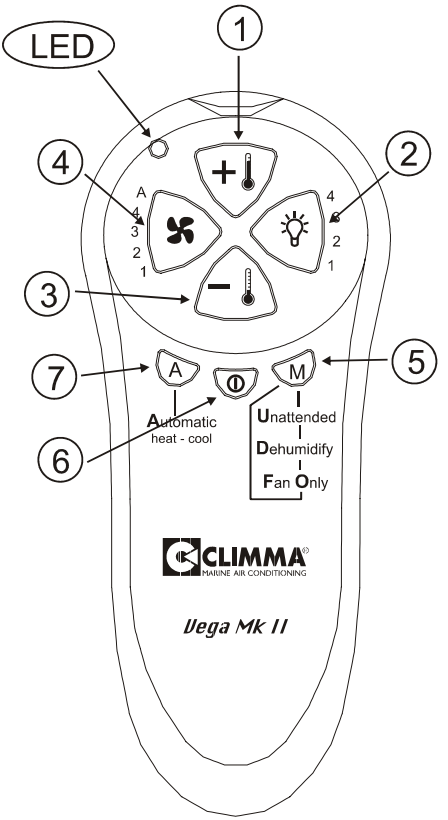
9 - DESCRIPTION OF PARAMETERS

9.2 General vision of parameters



10- IR Remote-control device

The Vega MK II remote-control device is supplied by two AAA 1,5 V batteries (not included).



Buttons functions

Button n.1: It increases the Set Point value.
Button n.2: It changes the luminosity of the warning lights and of the display on a four level scale.
Button n.3: It decreases the Set point value.
Button n.4: Fan speed control. Four manual speeds (1-2-3-4) or automatic speeds.
Button n.5: special modes: Unattended, Dehumidify or Fan Only.
Button n.6: On/Off button. When the panel is on, the display shows the ambient temperature (or the abbreviations U,d,FO if the Unattended, Dehumidify or Fan Only Modes are set up) + mode and fan warning lights.
When the panel is off, the display shows only the ambient temperature and all the warning lights are switched off.
Button n.7: Auto Mode.

11 - TROUBLE SHOOTING

11.1 When the display is off

Check the powerboard supply to the unit. Check the good functioning of the connection cable plug both from the powerboard side and from the panel side.
If the powerboard is correctly supplied (the warning lights are blinking) and the cable is unblemished and correctly inserted, call the assistance service for a more precise control.

11.2 Display shows [nPr]

The powerboard has not correctly been set out or the CHANGE OVER is not connected. See 1.3 to set out the dip switch.

11.3 Display shows [NA]

It means that the demanded function is not available for the set out functioning. Check that parameters are correct. See also 7.5.

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