2.4.2.1- Board

IT ALLOWS TO POWER ON AND OFF THE EQUIPMENT (TURBO BLOWER AND CON-TROL OF THE WATER PUMP).

IT ALLOWS TO SEE THE FUNC-TIONS AND PARAMETERS OF THE EQUIPMENT.

IT ALLOWS TO ACTI-VATE AND DEACTI-VATE THE OPERATION OF THE WATER CYCLE

REMOTE CONTROL RECEIVER

034436

KEEP IT PRESSED FOR 2 SECONDS: IT SHUTS DOWN THE EQUIPMENT COMPLETELY (DIS-PLAY OFF) AND IT RESTARTS IT

Menu IT ALLOWS TO SEE AND ENTER THE FUNCTIONS:
✓TIME SETTING
✓ALARM CLOCK
✓SELF POWER ON
✓SELF POWER OFF
✓AUTOMATIC MODE

T ALLOWS TO INCREASE AND/OR LOWER THE SPEEDS OF THE TURBO BLOWER AND THE PARAMETERS OF THE CLOCK, ALARM CLOCK, SELF POWER ON, SELF POWER OFF AND AUTO-MATIC MODE. EXPLANATION: KEEP THE KEYS PRESSED TO CHANGE NUMBERS QUICKLY.

IT ALLOWS TO ACTI-VATE THE AUTOMATIC DRYING SYSTEM: TURBO BLOWER TO TOP SPEED UNTILL THE EVAPORATOR FILTER GETS DRY.

Note: *The time is expressed in 24H mode.*
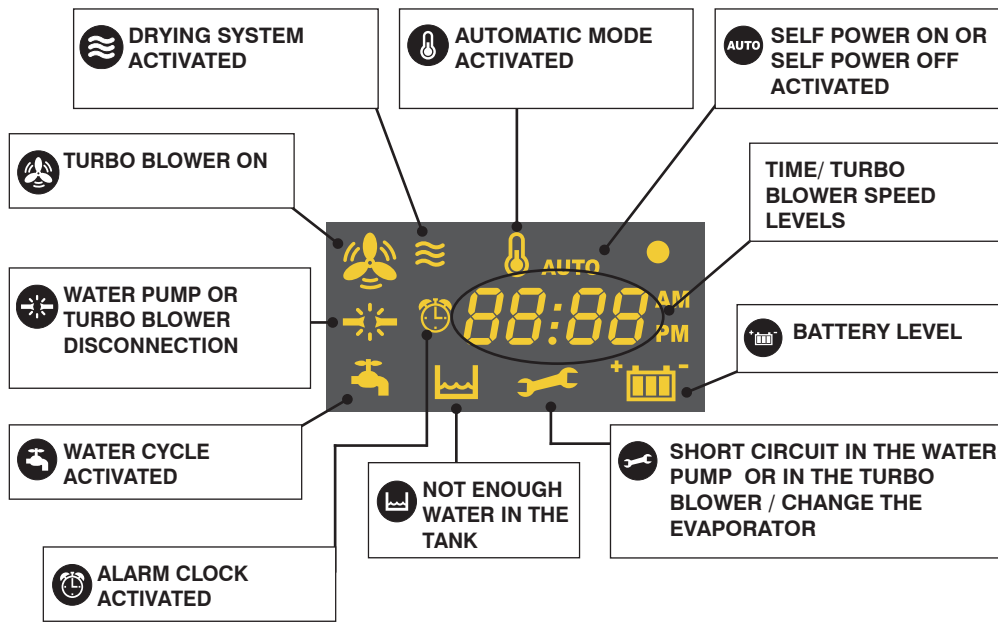
Explanation: *It releases the key.*

2.4.2.2- Remote Control

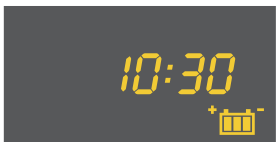It performs all the functions explained hereinbefore, except when the equipment is completely off.

Instruction for the 🔅**key:** *It activates the drying system; turbo blower to top speed untill the evaporator filter gets totally dry.*

![VIESA logo]

2.4.2.3- Display Indications

- DRYING SYSTEM ACTIVATED
- AUTOMATIC MODE ACTIVATED
- SELF POWER ON OR SELF POWER OFF ACTIVATED
- TURBO BLOWER ON
- TIME/ TURBO BLOWER SPEED LEVELS
- WATER PUMP OR TURBO BLOWER DISCONNECTION
- BATTERY LEVEL
- WATER CYCLE ACTIVATED
- NOT ENOUGH WATER IN THE TANK
- SHORT CIRCUIT IN THE WATER PUMP OR IN THE TURBO BLOWER / CHANGE THE EVAPORATOR
- ALARM CLOCK ACTIVATED

2.4.2.4- Permanent Information

- Clock.
- Battery level: If the voltage decreases to the determined level (11,8 V or 23 V. from the factory), a ⊟ blinking display will appear and the equipment will start slowing down automatically, decreasing progresively the turbo blower speed.
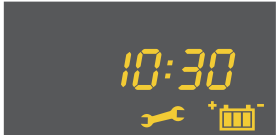
The command and control module registers the working hours, and after working for 546 hours, 🔧 turns on permanently indicting the evaporator needs to be replaced.

> **Explanation:** *The working hours belong to the period of time the turbo blower or the water pump is on.*

> **Important:** *Every time the evaporator is replaced, because the 🔧 is displayed, or any other reason, the timer must be set on* 00:00 *(zero) (see configuration table on page 44).*

2.4.2.5- Turbo Blower

By pressing ⏻ the turbo blower 🌀 and the pump control system 🚰 will be activated.
By pressing ⏻ again the turbo blower 🌀 and the pump control system 🚰 will be disconnected.

This equipment has 8 speed levels, which can be changed by pressing ⬆ or ⬇.

Note: *When keeping pressed one of the buttons, the speed will vary in sublevels (a total of 24), which will not be displayed and will not emit any sound when passing from one sublevel to another.*

If the turbo blower is disconnected ❄ is displayed and an alarm will sound three times. ❄ will disappear after the problem is solved and the equipment is turned on by pressing ⏻.

Explanation: *In this case, the water pump will not work.*

In case the turbo blower short-circuited or if it consumes more than usual, ❄ and 🔧 will be displayed and the system will beep 3 times. ❄ and 🔧 will disappear after the problem is solved and the equipment is turned on by pressing ⏻.

Note: *If the turbo blower consumes more than 11A an in 12 V. or 7 in 24 V. it is consider over-consumption.*

2.4.2.6- Water Pump

When pressing 🚰 the water pump will turn off.

When pressing 🚰 the water pump will turn on.

Explanation: *The key 🚰 will activate and deactivate the pump control independently of whether the equipment is activated witch ⏻ or not.*

If there is not enough water in the tank, the pump will not work, 〰 will be displayed and the system will make a sound.

Important:
- If the equipment is turned off, 〰 will turn off when pouring water in the tank.
- If the equipment is turned on, 〰 will turn off when pouring water in the tank and the key 🚰 will activate the pump control again.

If the pump is disconnected, ❄ will turn on and the system will make a sound 3 times.
❄ will disappear after the problem is solved and the pump control is turned on by pressing 🚰.

Explanation: *In this case the turbo blower will continue working.*

Important: *The indication of pump disconnected will only be performed with the pump system activated.*

In case the pump short-circuited or if it consumes more than usual, ⊕ and ⚲ will be displayed and the system will beep 3 times.
⊕ and ⚲ will disappear after the problem is solved and the pump control is turned on by pressing ⛽.

> **Note:** *If the pump consumes more than 7A in 12 V. as well as in 24 V. it is consider over-consumption.*

2.4.2.7- Functions

With the key **Menu** the user has access to different functions:

- ✓ Time setting
- ✓ Alarm clock
- ✓ Self power on
- ✓ Self power off
- ✓ Automatic mode
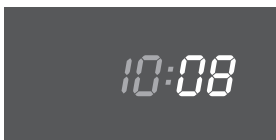
Explanation: *The functions are explainned in 24H mode.*

a) SET TIME

It allows to set the equipment clock.

Press **Menu** until *00:00* is displayed and then press ⏻.

The hour blinks, press 🔺 or 🔻 to set the hour.

Pressing ⏻ select the minutes.
Use 🔺 or 🔻 to set the minutes.

> **Note:** *To confirm the hour, wait 5 seconds or press ⏻.*

> **Explanation:** *The hour does not update only when power feed from the battery is disconnected.*

b) ALARM CLOCK

It allows to set the equipment so as to use it as alarm clock.

Press **Menu** until ⏰ is displayed and then press ⏻.
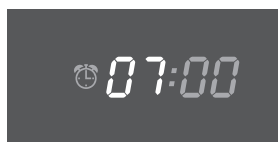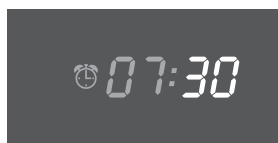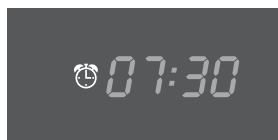
07:00

The hour blinks, press ⬆ or ⬇ to set the hour.

07:30

Press ⏻ to select the minutes.
Use ⬆ or ⬇ to set the minutes.

07:30

Using ⏻ the alarm clock is selected ⏰.
Then ⏰, blinks, press ⬆ to activate or press ⬇ to deactivate.

> **Note:** *To confirm alarm clock, wait 5 seconds or press ⏻.*

> **Explanation:** *To turn off the alarm clock, press any key from the control panel or from the remote control, except for ⏻.*

c) SELF POWER ON

It allows to power on the equipment automatically at an established time.

AUTO 00:00

Use Menu Until 🌀 and AUTO appear and then press ⏻.
Program the clock (see "Set Time").

AUTO 10:30

Use ⏻ to select AUTO.
Then AUTO, blinks, press ⬆ to activate it or press ⬇ to deactivate it.

> **Note:** *To confirm self power on, wait 5 seconds or press ⏻.*

d) SELF POWER OFF

It allows to power off the equipment automatically at an established time.

AUTO 00:00

Use Menu until AUTO is displayed and then press ⏻.
Program the clock (see "Set Time").

AUTO 10:30

Ussing ⏻, AUTO is selected.
Then AUTO blinks, press ⬆ to activate it or press ⬇ to deactivate it.

> **Note:** *To confirm self power off, wait 5 seconds or press ⏻.*

> **Explanation:** *The power off system can be set even when the equipment is off.*

VIESA

e) AUTOMATIC MODE

It regulates automatically the speed of the turbo blower according to the exterior temperature.

Use (Menu) until (🌡AUTO) appears and then press ⏻.

Then (AUTO) blinks, press ▲ to activate it or press ▼ to deactivate it.

Note: *To confirm automatic mode, wait 5 seconds or press* ⏻.

Explanation: *The turbo blower and the water pump won't power off although the temperature decreases excessively; in this case the blower will continue working at the minimum speed. Take into account the following chart:*

EXTERNAL TEMPERATURE		SPEED
29°C or higher	84°F or higher	8
28°C	82°F	7
27°C	81°F	6
26°C	79°F	5
25°C	77°F	4
24°C	75°F	3
23°C	73°F	2
22°C or lower	72°F or lower	1

Important: *If the automatic mode is activated when the temperature sensor is disconnected, the turbo blower will continue working at its minimum speed.*

2.4.2.8- Dryin System

It dries automatically the evaporator.

Important: *If the equipment will remain off more than 48 hs., activate the drying system to avoid bad smells when restarting it.*

When pressing 🌀 the equipment will dry the evaporator, starting a countdown and then it will finish automatically.
To deactivate the drying system, press 🌀.

Explanation: *By default, the drying period lasts 35 minutes. Nevertheless, it depends on the inicial configuration established at the moment the system was installed.*

Date: 09-05-07

2.4.2.9- Completely Off

When pressing for 2 seconds the completely off button ✳ the equipment will completely turn-off (Inlcuiding the display).

Note: *The hour does not update only when the system is off.*

Explanation: *To restart it press ✳.*

2.4.2.10- Maximum Time in Service

Every time the equipment is turned on with ⏻, it will work for a maximum period of time previously established and then it will turned off automatically. By default, such period lasts 9 hours. Nevertheless, it depends on the inicial configuration established at the moment the equipment was installed.

2.4.2.11- Command and Control Module Configuration

Once the system is installed, when connecting the current supply, the command and control module will be configure "automatically".
Configure the command and control module according to the requirements of each unit.
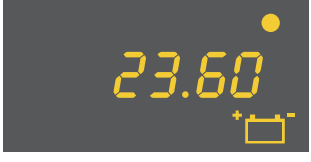The module is already configured in factory, except for the working time of the pump.

Very Important: *If the working time of the pump is not configured, the module will not exit from the "configuration" mode and the equipment will not work.*

Proceed as shown in the following table:

Explanation: *When pressing ✳ the chosen value is confirmed and simultaneously continues with another parameter.*

Note: *' indicate minutes.*
      " indicate seconds.

FACTORY CONFIGURATION	PARÁMETERS	MODE
`24 h` ●	**Time format 12 or 24 h.**	Using ▲ and ▼ select 24 h or 12 h. Then press ❄.
`00 "` 🚰 ●	**Working time of the pump.**	Using ▲ and ▼ change the values. Range allowed: 10" a 50". Then press ❄.
`05 '` 🚰 ●	**Period of time the pump is not working.**	Using ▲ and ▼ modify the value. Range allowed: 3' a 7'. Then press ❄.
12 V. `11.80` ⁺🔋⁻ ● 24 V. `23.60` ⁺🔋⁻ ●	**Shear stress.**	Using ▲ and ▼ modify the value. Values allowed: 12 V.: 10,6 V. a 12 V. (numbers increase one by one). 24 V.: 22 V. a 24 V. (numbers increase two by two). Then press ❄.
≈ `35 '` ●	**Drying time.**	Using ▲ and ▼ modify the value. Range allowed: 20' a 60'. Then press ❄.
🌀 `09 h` ●	**Maximum working time.**	Using ▲ and ▼ modify the value. Range allowed: 4 a 12 hours. Then press ❄.
`00 00` ●	**Working time (evaporating filter replacement).**	- If it is in `00:00` press ❄. - If the evaporator filter was changed press ⏻ to start from scratch, then press ❄.
	The display turns off.	To restart press ❄.