



HOLIDAY II

User's Manual

www.viesa.ca / 1-888 438-8444



IMPORTANT

Installation requires an experienced mechanic with specific knowledge in the installation of the VIESA Ecological Cooler. Installation, disassembly, repairs and maintenance must be performed by an Authorized Installer. Authorized Installer must use proper protective equipment when installing the system.

Improper installation or use of unauthorized parts can cause malfunctions, loss of battery life or other consequences which may result in serious injury.

Manufacturer or Distributor will not be responsible for injuries or damages resulting from misuse of equipment, use contrary to operating instructions or installation by any person other than an Authorized Installer.

Information contained in this manual is subject to change. Manufacturer reserves the right, without notice, to make changes in equipment design or components as progress in engineering, manufacturing or technology may warrant.

World-wide Patents

VIGIA is a trademark of Col-Ven S.A.

Function

To lower the inside temperature of the caravan's cabin using evaporative cooling.

Operation

The unit is equipped with an electrovalve that is activated by two sensors located at the front and back of the unit. The electrovalve allows passage of water from pressurized pipes to the unit where a tank tray stores it. A centrifugal pump carries the water from the tank tray to a distributor coil that constantly and homogeneously moistens the evaporator contained in the unit. A biturbo blower pushes the exterior air to the interior of the caravan forcing the air through the evaporator and therefore cooling the warm air.

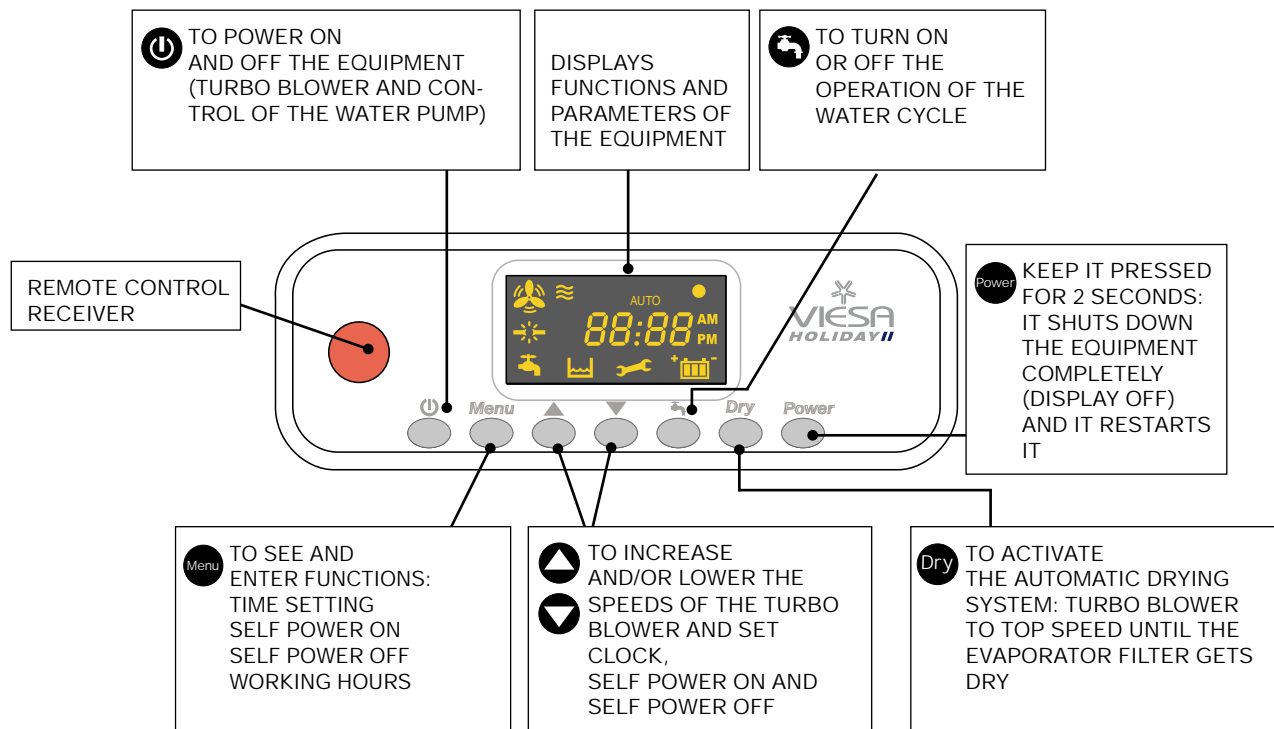


Important: *before switching on the equipment:*

With parked vehicle: Open one of the windows 2 to 3 cms.

With the vehicle in motion: Open one of the windows 2 to 3 cms and close all other air entrances to the cabin so that hot air does not enter from the exterior.


BOARD



Note: *time is expressed in 24H mode.*

REMOTE CONTROL

Performs all the functions explained before, except when the equipment is off.

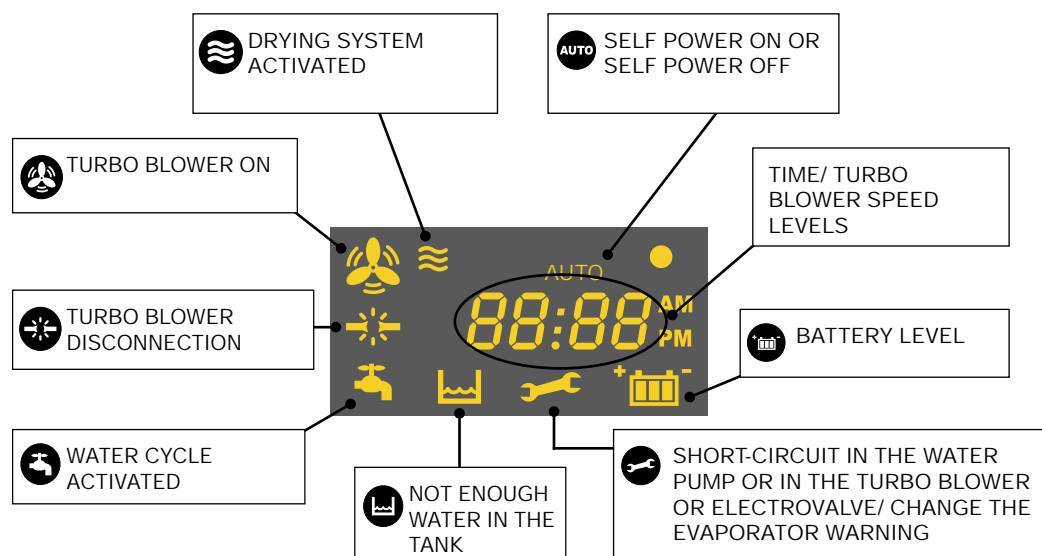
Instruction for the Dry  key: *It activates the drying system; turbo blower to top speed UNTIL the evaporator filter gets totally dry.*

- Keep the batteries of the remote control away from children. Wrong use may cause fire or burns. Do not recharge or heat batteries. Dispose dead batteries according to local laws. Replace batteries with the same type (AAA).

- Batteries may explode if not correctly inserted. Immediately dispose of dead batteries. Do not throw them into fire.




DISPLAY INDICATIONS




PERMANENT INFORMATION



- Clock.
- Battery level: If the voltage decreases to the set level (10,5 V. factory default), a  blinking display will appear and the equipment will start slowing down automatically, decreasing the turbo blower speed progressively.









The command and control module accumulates the working hours, and after working for 1000 hours,  turns on permanently indicating that the evaporator needs to be replaced.

Note: *working hours are either when the turbo blower or the water pump is on.*



- *Every time the evaporator is replaced the timer must be set to **00:00** (zero).*

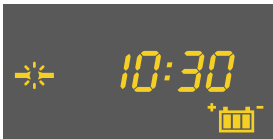
TURBO BLOWER





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.

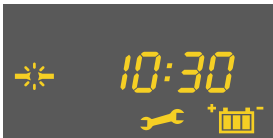





The equipment has 25 speed levels, which can be changed by pressing  or .



In case the turbo blower is disconnected,  will turn on and the system will make a sound. The symbol will turn off after the problem is solved and the equipment is restarted by pressing .

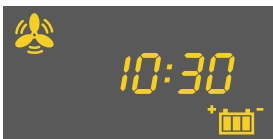
Note: *the water pump will not work if the turbo blower is disconnected.*




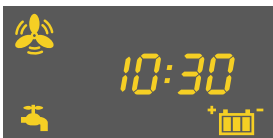
In case the turbo blower consumes more than the normal voltage,  and  will turn on and the system will make a sound. The symbols will turn off after the problem is solved and the equipment is restarted by pressing .


Note: *turbo blower consumption of more than 11 A is consider excessive consumption.*



WATER PUMP

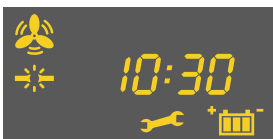




When pressing  the water pump will turn off.









When pressing  again the water pump will turn on.

Note: *The key  will turn on or off the pump only if the equipment is previously turned on with .*



In case the water pump or electrovalve consumes more than normal,  and  will be displayed and the system will make a sound:

- If the problem is in the water pump  and  will turn on.
- If the problem is in the electrovalve ,  and  will turn on.


The symbols will turn off after the problem is solved and the equipment is restarted by pressing .


Note: *water pump consumption of more than 4A and 3A for the electrovalve is consider excessive.*

2.4.7- WATER SYSTEM




When there is no water in the tank, or there is a problem with the electrovalve (does not open) or in the level sensor (always indicates high level)

 will turn on and the system will make a sound.

The symbols will turn off after the problem is solved and the equipment is restarted by pressing .

FUNCTIONS

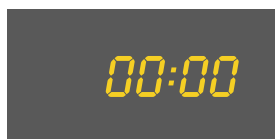
With the key  the user has access to different functions:



- Time setting
- Self power on
- Self power off
- Working hours

Note: *The functions are in 24H format.*

Set Time

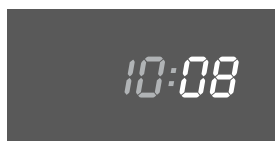
To set the equipment clock.







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



The hour blinks, press  or  to set the hour.

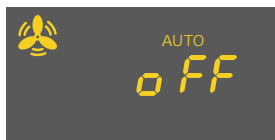








Pressing  to select minutes.
Use  or  to set the minutes.



Note: *To confirm the hour, wait 10 seconds or press .*


Self Power On

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



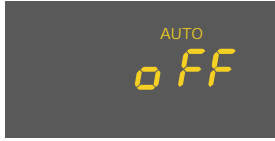
Select with  until ,  and oFF appear, press  and then  or  to program the time (it changes from 30 to 30 minutes).






To deactivate this function follow the instructions above and press  or  until oFF appears.



Note: *To confirm self power on, wait 10 seconds or press .*


Self Power Off

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



Select with  until  and OFF appear, press  and then  or  to program the time (it changes from 30 to 30 minutes).


To deactivate this function follow the instructions above and press  or  until OFF appears.

Note: To confirm self power off, wait 10 seconds or press .

Power off system can be set even when the equipment is off.

Working Hours (read only)




It indicates the accumulated equipment use since replacement of the evaporator filter. When it gets to 1000 hours  will turn on.

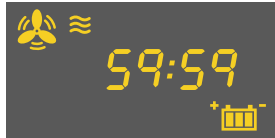
Drying System

It dries automatically the evaporator.

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



When pressing  the equipment will dry the evaporator tray and the evaporator. For this, the turbo will remain on at high speed to dry the evaporator tray. Once the contained water in the tray evaporates, a 60 minutes countdown starts to dry the evaporator and then the biturbo turns off automatically.




To deactivate the drying system press .


System Off

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

Note: The set hour will be lost.

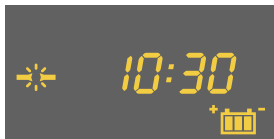
To restart press .

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 be turned off automatically. By default, such period lasts 24 hours. This setting can be changed during initial configuration at installation.

FAILURE INFORMATION

When there is a failure, it will be displayed on the screen and an alarm will sound.



Turbo blower disconnected



Turbo blower with excessive consumption



Pump in short-circuit or with excessive consumption



Electrovalve in short-circuit or with excessive consumption



Low level of water in the tank of the caravan or shut-off valve closed. Pump of the caravan shut or electrovalve disconnected

Electrovalve or level sensor malfunction



End of the working life of the evaporator filter



Low battery level



Low battery level

GENERAL RECOMMENDATIONS

When  is displayed, the evaporator filter must be replaced

The equipment will delay in cooling until the evaporator is totally wet.

Do not use fuses higher than 10 Amp.

The equipment will disconnect automatically due to low tension so as to prevent damages to the battery.

Foresee water replenishment taking into account that the unit consumes between 2 and 5 liters per hour depending on ambient temperature.

▲ When performing equipment maintenance or, by any reason, when the upper cover or the upholstery cover are removed, the equipment **MUST NOT BE SWITCHED ON** until both covers are reinstalled.

Every 6 months:

- Replace the granulated Calfa Bas package.
- Clean the water filter using pressurized water or compressed air opposite to the arrow's direction.

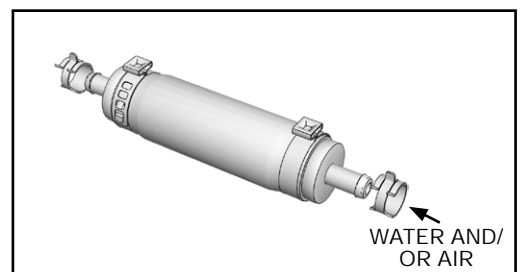
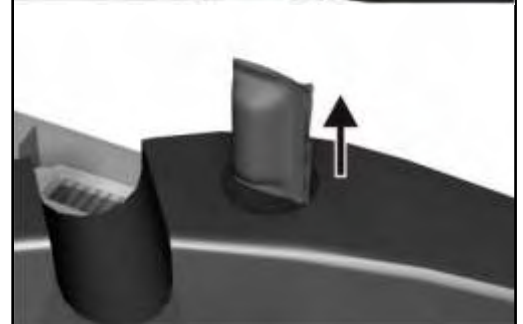
Do not use chemical products to clean the control panel.

During short stops leave the equipment on so as to keep the cabin fresh.

Use only clean water.

Use the drying mode to avoid bad smells when restarting the equipment.

▲ At the end of the season, close the original VIESA shut-off valve and activate the filter drying cycle.



LIMITED WARRANTY

This limited warranty is provided to the original buyer only and covers the VIESA ECOLOGICAL CAB COOLER (the "Product") manufactured by Col-Ven S.A. (the "Manufacturer") and distributed by RCR Systems Limited (the "Distributor").

The warranty period is two years from date of original purchase by the buyer. During this period, if the product is found to be defective in mechanical or electrical materials or workmanship during normal use, it will be repaired or replaced at no charge to the buyer. The buyer will be required to show date and proof of purchase and to return the Product pre-paid to an Authorized Dealer.

THIS LIMITED WARRANTY DOES NOT COVER, AND MANUFACTURER OR DISTRIBUTOR WILL NOT BE RESPONSIBLE FOR, THE FOLLOWING:

- Normal wear of parts;
- Failures or defects due to negligent use, misuse, neglect, abuse, use on improper voltage or current, use contrary to operating instructions, accidents, alterations, disassembly, installation, repair or alteration by any person other than an Authorized Dealer, fire, floods or acts of God.
- Products or accessory equipment not manufactured by the Manufacturer.
- Performance of Product when used in combination with other products or equipment not manufactured by the Manufacturer.
- Payments for labour or service to unauthorized representatives or service agents.

Manufacturer or Distributor will not be responsible for loss of time, inconvenience, loss of use of the Product, injury to buyer or other persons or damage to vehicle or property caused by the Product or by its failure to work or for any other incidental, punitive or consequential damages.

The Manufacturer reserves the right to make the final decision on any warranty claim that may be questionable.

This warranty is not transferable.

EXCEPT AS PROVIDED HEREIN, THIS WARRANTY EXPRESSLY EXCLUDES:

- (i) all warranties and conditions, whether express, implied or statutory, including but not limited to warranties and conditions of merchantability for a particular purpose; and
- (ii) any agreements, representations, affirmations, warranties or conditions, whether oral or written, made by any agent, employee or representative of seller.

This warranty sets forth the entire responsibility of Manufacturer and Distributor with respect to the Product. The buyer's exclusive remedy is repair or replacement as stated herein. In no event shall Manufacturer or Distributor's liability exceed the cost of correcting defects as provided herein and any such liabilities will terminate upon expiration of the two year warranty period.

USER'S MANUAL VIESA HOLIDAY II

REVISION 003
1-2012



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