User's manual
(Translation of original language)

EN

innova

N420944A - Rev. 07 - 07/2025

>OSMO<

ECA844 - EWA844 - EEB749 - EFB749 - EGB749 - B10842 - B4V842 - B3V151

First of all, we would like to thank you for having chosen a device of our production.

We are sure you will be happy with it because it represents the state of the art in the technology of home air conditioning.

By following the suggestions contained in this manual, the product you have purchased will provide trouble free operation, giving you optimum room temperatures with minimum energy costs.

INNOVA S.r.l.

Conformity

Refer to the Installation Manual of the paired unit.

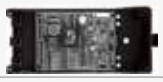
Markings

TABLE OF CONTENTS

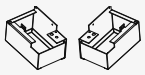
1. CODING

⚠ **The present manual refers to the products:**
- >OSMO< SL
- >OSMO< RS

1.1 Coding accessories

	M7 on-board electronic control with continuously modulating thermostat		ECA844II
	M7 on-board electronic control with continuously modulating thermostat, with built-in Wi-Fi module.		EWA844II
	Electronic board on board unit with continuous modulation. For connection to M7 wall control units		ESE845II
	Electronic board on board unit with continuous modulation. For connection to M7 wall control with Bluetooth		ESE846II
	LED electronic control panel with touch interface, wall-mounted complete with thermostat and room temperature and relative humidity probe. Cable connection. Dimensions (lxhxp): 117x80x5 mm. Colour white		EEB749II
	LED electronic control panel with touch interface, wall-mounted complete with thermostat and room temperature and relative humidity probe with integrated Wi-Fi module, new App. Cable connection. Dimensions (lxhxp): 117x80x5 mm. Colour white		EFB749II
	Electronic LED control panel with touch interface, wall installation complete with thermostat and room temperature and relative humidity probe. Bluetooth connection. Dimensions (lxhxp): 117x80x5 mm. Colour white		EGB749II
	Built-in box for masonry		N000557A
	Built-in plasterboard box		N000558A
	On-board electronic printed circuit board for connection to 3-speed wall-mounted electromechanical thermostats.		B4V842II
	Wall mounted control with thermostat, summer/winter and speed selectors		B3V151II

1. Accessories can be installed and tested at the factory
2. Accessories are supplied separately.

	On-board electronic printed circuit board for control from systems with 0-10 V analogue output.		B10842II
	Hydraulic connection reversal kit		BB0646II (1)
	Rear aesthetic panel kit	RS 200 SL 200	LC1110II
		RS 400 SL 400	LC1111II
		RS 600 SL 600	LC1112II
		RS 800 SL 800	LC1113II
		RS 1000 SL 1000	LC1114II
	Feet for covering floor pipes		LC0158II
	Feet for anchoring the unit to the floor		LC0606II
	Pressure-independent regulation valve DN 15, 290 L/h		AI1157II (2)
	Pressure-independent regulation valve DN 15, 420 L/h		AI1158II (2)
	Pressure-independent regulation valve DN 20, 980 L/h		AI1159II (2)
	Pressure-independent flow-limiting valve DN 15, 290 L/h		AI1160II (2)
	Pressure-independent flow-limiting valve DN 15, 470 L/h		AI1161II (2)
	Pressure-independent flow-limiting valve DN 15, 650 L/h		AI1162II (2)
	6-way valve for 4-pipe systems DN 15		AI1170II (2)
	6-way actuator for 4-pipe systems DN 15, for 6-way valves and pressure-independent valves		AI1171II (2)
	2 way valve group with manual closure		I20205II (1)
	2 way valve group (water inlet valve, shut off valve and electro thermal motor)		V20139II (1)
	3-way diverter valve group with thermoelectric motor (complete with 3-way inlet valve and lock-shield)		V30720II (1)

1. Accessories can be installed and tested at the factory
2. Accessories are supplied separately.

	Couple of EUROKONUS adapters for 1/2" female connection (male fittings)		AI0200II
	Couple of EUROKONUS adapters for 3/4" female connection (male fittings		AI0201II
	90° bended EUROKONUS connector		AI0203II
	Adaptors for flat ring		AI0612II

1. Accessories can be installed and tested at the factory
2. Accessories are supplied separately.

2. GENERAL INFORMATION

2.1 About the manual

This manual was written to provide all the explanations for the correct management of the device.

⚠ This instruction manual forms an integral part of the device and therefore must be carefully preserved and must ALWAYS travel with it, even if you transfer the device to another owner or relocate it to other premises. If the manual gets damaged or lost, download a copy from the website.

⚠ Read this manual carefully before proceeding with any operation and follow the instructions in the individual chapters.

⚠ The Manufacturer accepts no liability for damages to persons or property caused by failure to follow the instructions in this manual.

⚠ This document is restricted in use to the terms of the law and may not be copied or transferred to third parties without the express authorisation of the Manufacturer.

2.1.1 Editorial pictograms

The pictograms in the next chapter provide the necessary information for correct and safe use of the machine in a rapid and unmistakable way.

Related to security

⚠ **High risk warning (bold text)**
- The operation described above presents a risk of serious physical injury, fatality, major damage to the device and/or to the environment if not carried out in compliance with safety regulations.

⚠ Low risk warning (plain text)
- The operation described above presents a risk of minor physical injury or minor damage to the device and/or to the environment if not carried out in compliance with safety regulations.

⛔ Prohibition (plain text)
- Refers to prohibited actions.

ⓘ **Important information (bold text)**
- This indicates important information that must be taken into account during the operations.

In the texts

► procedures
- lists

In the control panels

► actions required
Expected responses following an action.

In the figures

1 The numbers indicate the individual components.
A The capital letters indicate component assemblies.
❶ The white numbers in black marks indicate a series of actions to be carried out in sequence.
Ⓐ The black letter in white identifies an image when there are several images in the same figure.

2.1.2 Pictograms on the product

Symbols are used in some parts of the device:

Related to security

 **Read instruction manual**
Read the instructions carefully before performing any work on the device.

 **Instruction manual**
Read the information available in the technical documentation of the device.

 **Caution: electrical danger**
- The concerned personnel is informed to the presence of electricity and the risk of suffering an electric shock.

2.1.3 Recipients

User
Non-expert person capable of operating the product in safe conditions for people, for the product itself and the environment, interpreting an elementary diagnostic of faults and abnormal operating conditions, carrying out simple adjustment, checking and maintenance operations.

Installer
Expert person qualified to position and connect (hydraulically, electrically, etc.) the unit to the plant; this person is responsible for handling and correct installation according to the instructions provided in this manual and the national standards currently in force.

Authorized Service Center
Expert and qualified person authorised directly by the manufacturer to carry out all routine and supplementary maintenance operations, as well as every adjustment, check, repair and replacement of parts necessary during the life of the unit itself.

2.1.4 Manual organization

The manual is divided into sections each dedicated to one or more target groups.

Coding
It addresses all recipients.
It contains the list of products and/or accessories referred to in the manual.

General information
It addresses all recipients.
It contains general information and important warnings that should be known before installing and using the device.

Control panels
It addresses all recipients.
It contains section by control mode and information on the use of the main functions.

Maintenance and Troubleshooting
It addresses all recipients.
It contains specific warnings and useful information for regular maintenance work.

Technical information
It addresses all recipients.
It contains detailed technical information about the appliance.

2.2 General warnings

⚠ This instruction is an integral part of the booklet of the device.

⚠ The manufacturer reserves the right to make changes to its models at any time to improve its product, without prejudice to the essential characteristics described in this manual. The manufacturer is not obliged to add such modifications to machines previously manufactured, already delivered, or under construction.

⚠ All repair or maintenance interventions must be performed by an Authorised Service Centre or by professionally qualified personnel as foreseen in this booklet. Do not modify or intervene on the device as this could create dangerous situations and the Manufacturer will not be responsible for any damage caused.

⚠ Objects or structural obstacles (furniture, curtains, plants, leaves, blinds, etc.) must not obstruct the normal air flow both from the internal and from the external grilles.

⚠ Do not put any containers on top of the appliance, especially if they contain liquids, as this could cause a short circuit or cause damage to the appliance and/or be exposed to danger of electrocution.

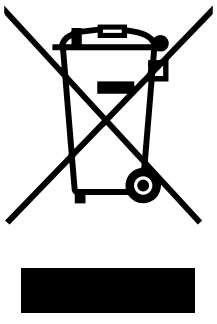
⚠ Do not lean on the appliance.

⚠ In the event of water leaks, turn off the appliance and disconnect the electric power supply. Call an Authorised Service Centre.

⚠ In case of replacement of parts, use only original parts.

⚠ The unit can be used by children over the age of 8, and by people with reduced physical, sensory or mental capabilities, or with no experience or necessary knowledge, as long as they are monitored or after they have received instructions on the safe use of the unit and have understood the dangers involved. Children must not play with the appliance. The cleaning and maintenance that must be performed by the user should not be carried out by children without supervision.

2.3 Disposal



The symbol on the product or packaging indicates that the product must not be treated as normal household waste, but must be taken to the appropriate collection point for recycling of used electrical and electronic equipment and batteries.
Proper disposal of this product avoids harm to humans and the environment and promotes the reuse of valuable raw materials.
For more detailed information about the recycling of this product, contact your local authority, your household waste disposal service or the shop where you purchased the product.
Illegal disposal of the product by the user involves the application of the administrative sanctions provided for by the regulations in force.
This provision is valid in the EU Member States.

3. UNIT WITH TOUCHPAD COD. ECA844 - EWA844

3.1 Interface

3.1.1 Description

⚠ The solution with touch pad is recommended for the prevalent use in cooling.
The display on the appliance allows you to:

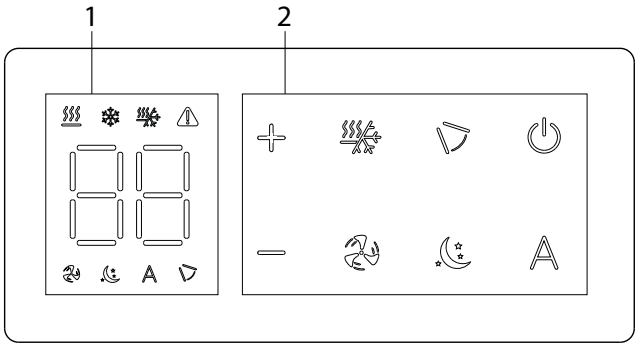
- show the operating status
- show any alarms
- select the various functions by pressing on the symbols

⚠ Handle with care.

⚠ For touchpad code EWA844, the app is available.

3.1.2 Touchscreen display

Keys and functions related.



1.	Display area
2.	Keys area
	Setpoint
	Temperature value increase function
	Temperature value decrease function
	Power / Standby
	Alarm signals
	Flap control function (Not usable)
	Maximum mode
	Heating / Cooling (Cannot be used)
	Cooling function
	Heating function
	Auto Mode
	Minimum mode

3.2 Main functions

3.2.1 General start-up

To be able to operate the appliance using the touch display:

- ► insert the power plug of the unit into the power socket of the system
- ► or switch on the main switch provided on the power supply line

Once the operation has been performed, it will be possible to manage the operation of the system by pressing the symbols on the touch screen display.

To activate the touchpad

► keep the ⏻ key pressed for 2 seconds
The text ON appearing on the display.
The device turns on.
The preset set-point appears on the 3 digits 888 of the display.

⚠ The control panel has its own memory, therefore no settings will be lost in case of shut-down or power outage (except ventilation). The button in question is used to switch the appliance on and off for short periods.

⚠ If you plan to keep the device out of service for a prolonged time, remember to deactivate it by disconnecting the power or removing the power plug.

3.2.2 Put in stand-by the control

To put in stand-by the control

► press the ⏻ key for about 2 seconds
The symbol OF appears
The control goes out.

⚠ The control panel has its own memory, therefore no settings will be lost in case of shut-down or power outage.

⚠ If you plan to keep the device out of service for a prolonged time, remember to deactivate it by disconnecting the power or removing the power plug.

To re-activate the control

► press the ⏻ key for about 2 seconds
The device turns on and ⊡ *appears*

3.2.3 Set room temperature

To set the setpoint

► use the + − keys to increase or decrease the desired value
The displayed value changes.

⚠ The adjustment range goes from 16 to 28 °C, with a resolution of 1 °C.

⚠ Out of range values from 5 °C and 40 °C are allowed, except in automatic mode. These value should be set only for short periods of time.

⚠ Do not set a temperature that is too low or too high. It is harmful to health and is an unnecessary waste of energy.

3.2.4 Automatic change of heating/ cooling operation mode

► press ❄ until the ❄ symbol appears on the display
► the symbol of the active operation mode appears
► the device independently decides the correct mode of operation

⚠ Changing from one operation mode to the other involves a waiting time of 40 minutes.

⚠ **Do not enable the function on units with 2-pipe version.**

⚠ **If this function is enabled on units with 2-pipe version, malfunctions could be caused.**

3.2.5 Heating only mode

To select the Heating operation

► press ❄ for about 2 seconds
The symbol ♨ in the display area indicates that the heating function is activated.
The device heats the room.

⚠ In heating function the symbol is alight with setpoint higher than the room temperature.

3.2.6 Cooling only mode

To select the Cooling operation

► press ❄ for about 2 seconds
The lighted ❄ symbol in the display area indicates that the Cooling function is activated.
The device dehumidifies and cools the room.

⚠ In cooling function the symbol is alight with setpoint lower than the room temperature.

3.2.7 Functioning in automatic mode

To select functioning in automatic mode

► press the key A
The symbol A on indicates that fan operation in automatic mode.

⚠ The ventilation speed is set automatically.

3.2.8 Functioning in maximum mode

To select maximum mode operation

► press the key
The lighted symbol on the display indicates fan operation in maximum mode.

⚠ The ventilation speed is set automatically in maximum mode.

3.2.9 Minimum mode operation

To select minimum mode operation

► press the key
The symbol on the display indicates that the fan is operating in minimum mode.

⚠ In this mode the fan is set to minimum speed.

⚠ The set temperature is automatically changed:
in Heating mode, decreases by - 1 °C after one hour and by another - 1 °C after two hours
in Cooling mode, increases by 1 °C after one hour and by another + 1 °C after two hours

⚠ This function can be excluded at any time by pressing the button again.

3.2.10 Set the key lock

To set-up the key locking

► press both keys − + for 3 seconds
The text bL *appearing on the display.*

⚠ All settings are inhibited by the user.

⚠ Repeat the sequence to unlock the control.

3.3 Basic menu

To access the basic menu

► with the display off, hold down ⏻ for 10 seconds
The device turns on and ⊡ *appears*
► keep pressed until the indication ⊡ appears
► release the ⏻ key
The symbol ⊡ *appears*

To navigate in the menu
► use the icons + −

To select a menu item and to confirm the changes made
► press the icon ⏻
Confirming the change takes you to the next item.

To exit the menu
► press the icon ⏻ for 10 seconds
► or wait 30 seconds the automatic shutdown

3.3.1 Menu items

ot: AIR probe offset (air probe setting)

CF: Scale

ub: Buzzer volume

uu: Wi-Fi reset

uP: Wi-Fi pairing

ho: Hotel Mode

⚠ Menu items uu and up are visible only on the command with Wi-Fi.

3.3.2 Set AIR probe offset

⚠ The set value changes by 1 °C each press of the + and − buttons.

To set the air probe offset
► select ot
► press ⏻ to change settings
► increase or decrease the value with the icons + −
► press ⏻ to confirm
By default it is set to 0.
The setting range is from -9 °C (min) to +9 °C (max).

3.3.3 Scale

To change the temperature unit of measure
► select CF
► press ⏻ to change settings
► select °C or °F
► use the + − icons to move inside the menu
► press ⏻ to confirm
By default the temperature unit of measure is ° C.

3.3.4 Adjusting buzzer volume

To change the volume
► select ub
► press ⏻ to change settings
► increase or decrease the value with the icons + −
► press ⏻ to confirm
The volume setting range is from 00 (min) to 03 (max).

⚠ The volume changes after confirming the modification.

3.3.5 Wi-FI reset

To reset the Wi-Fi credentials and return the device to its original configuration
► select uu
► press ⏻ to change settings
► use the + − icons in sequence
Appears rES
► press +
rES *appears to reset Wi-Fi credentials.*
► press ⏻ to confirm
Credentials have been reset.

⚠ The function is only available for wall controls with Wi-Fi connection code EFB749.

3.3.6 Activate Wi-Fi

To activate Wi-Fi
► select uP
► press ⏻ to change settings
► use the + − icons in sequence
Appears rES
► press +
Con *appears to enable Wi-Fi pairing.*
► press ⏻ to confirm
The device remains visible on the INNOVA App for the first 15 minutes after the device is switched on.

⚠ The function is only available for wall controls with Wi-Fi connection code EFB749.

3.3.7 Setting the Hotel Mode

To set the Hotel mode
► select ho
► select YS to turn on Hotel mode
► select NO to turn off the Hotel mode
By default the device is set to NO.

Activating the Hotel mode:
- the Autochangeover function is deactivated
- the temperature setting range is reduced, in Cooling you can set from 22 °C to 28 °C, in Heating you can set from 16 °C to 24 °C

3.4 Warnings

3.4.1 Troubleshooting

For the user it is important to distinguish any malfunction or performance levels that differ from the system's standard operating values (see technical specifications). The most common problems can be easily solved by the user by performing certain simple tasks (see the Troubleshooting paragraph), while some system alarms require that you contact an Authorised Service Centre.

⚠ Please keep in mind that any attempt by unauthorised staff to repair the device automatically voids any form of warranty.

3.4.2 Visualisation of alarms on display

⚠ In the event of a malfunction, the display shows an alarm code.

⚠ In the event of an alarm, the device still maintains active functions.

- ► E1 Air temperature probe alarm T1 on PUB-30 board disconnected or with incorrect values (-10÷40)
  The device is operating and the M7 control uses its own air probe.
- ► E2 Faulty internal fan motor or disconnected
  None of the modes can be activated.
- ► E3 Water temperature probe H2/T2 disconnected or faulty
  None of the modes can be activated.
- ► CE Communication error
  Errors in the communication between the touchpad control and the board. None of the modes can be activated.
  The symbol ⚠ appears to indicate unsuitable radiant water.
- ► ♨ symbol Incorrect water temperature
  In heating mode, the water temperature is below 30 °C.
- ► ❄ symbol Incorrect water temperature
  In cooling mode, the water temperature is above 20 °C.

3.4.3 Reset filter cleaner alarm

⚠ The flashing ⚠ symbol indicates that filter cleaning is required.

After replacement of filters, it is necessary to reset the count of hours of filter use

- ► press ⚙ for about 8 seconds
  The ⚠ symbol disappears.

4. M7 SERIES CONTROLS EEB749 - EFB749 - EGB749

4.1 Interface

4.1.1 Description

M7 series LED electronic control panels with touch interface for wall installation allow:

- room temperature control
- management of the main functions of the device
- temperature and humidity measurement
- fan speed regulation

They are fitted with:

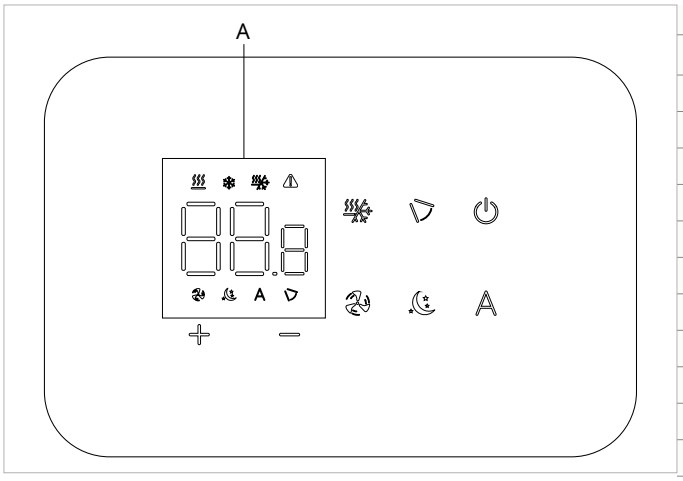
- internal memory with data saving even in case of shut-down or power outage

⚠ After 20 seconds after the last action the panel brightness is reduced, only the room temperature is seen on the display. The maximum brightness is restored by pressing any of the keys.

⚠ For wall control cod. EFB749the app is available.

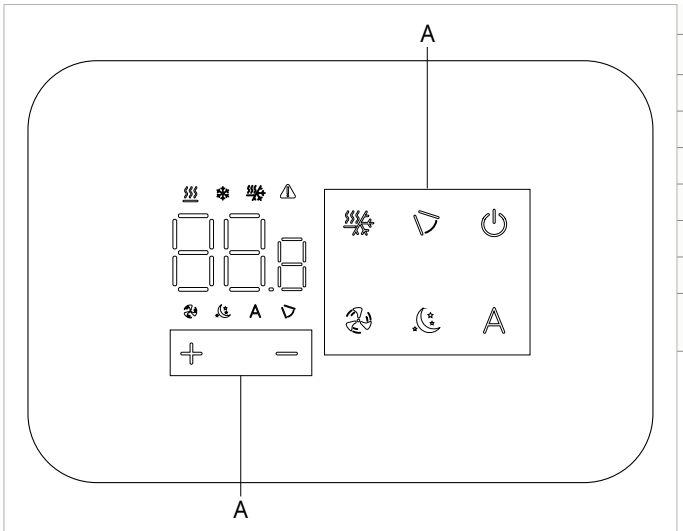
4.1.2 Display

Status and active alarms on display.



A	Display area
	Setpoint
	Temperature value increase function
	Temperature value decrease function
	Power / Standby
	Alarm signals
	Flap control function (Not usable)
	Maximum mode
	Heating / Cooling (Cannot be used)
	Cooling
	Heating
	Auto Mode
	Minimum mode

4.1.3 Keys functions



A	Keys area
	Increases the temperature value
	Decreases the temperature value
	This can be used to switch the unit on or off
	Allows flap management
	Allows the maximum ventilation speed function to be activated
	This can be used to select the operating mode (Cooling or Heating)
	Enables automatic mode
	Allows activation of the minimum mode function with ventilation speed limitation

4.2 Main functions

4.2.1 General start-up

Before the activation:

⚠ Make sure that the remote control is connected to the mains.

⚠ In case of a master switch on the power supply line, switch on the system by operating the switch.

To activate the control

► press the ⏻ key for about 2 seconds
The text ON appearing on the display.
The device turns on.

4.2.2 Put in stand-by the control

To put in stand-by the control

► press the ⏻ key for about 2 seconds
The symbol OFF appears
The control goes out.

⚠ In stand-by mode the control ensures an antifreeze safety. In case of temperature <5 °C, the hot water solenoid valve outputs and boiler consent are activated automatically.

4.2.3 Set room temperature

To set-up the temperature

► operate the + − keys to decrease or increase the desired value
The displayed value changes.

⚠ The adjustment range goes from 16 °C to 28 °C, with a resolution of 0,5 °C.

⚠ Out of range values from 5 °C and 40 °C are allowed, except in automatic mode. These value should be set only for short periods of time.

4.2.4 Automatic change of heating/ cooling operation mode

► press ❄☀ until the ❄☀ symbol appears on the display
► the symbol of the active operation mode appears
► the device independently decides the correct mode of operation

⚠ Changing from one operation mode to the other involves a waiting time of 40 minutes.

⚠ **Do not enable the function on units with 2-pipe version.**

⚠ **If this function is enabled on units with 2-pipe version, malfunctions could be caused.**

4.2.5 Cooling only mode

To select the Cooling operation

► press ❄☀ for about 2 seconds
The lighted ❄ symbol in the display area indicates that the Cooling function is activated.
The device dehumidifies and cools the room.

⚠ In cooling function the symbol is alight with setpoint lower than the room temperature.

4.2.6 Heating only mode

To select the Heating operation

► press ❄☀ for about 2 seconds
The symbol ☀ in the display area indicates that the heating function is activated.
The device heats the room.

⚠ In heating function the symbol is alight with setpoint higher than the room temperature.

4.2.7 Automatic operation

To select the Automatic function

► press the A key for about 2 seconds
The symbol A on indicates the Automatic function enable.

⚠ The ventilation speed is automatically adjusted between a minimum value and a maximum value based on an algorithm type PI, according to the actual distance from the room temperature set-point.

4.2.8 Minimum mode operation

To select minimum mode operation

► press the ☾ key for about 2 seconds
The symbol ☾ on the display indicates that the fan is operating in minimum mode.

⚠ In this mode the fan is set to minimum speed.

⚠ The set temperature is automatically changed:
in Heating mode, decreases by - 1 °C after one hour and by another - 1 °C after two hours
in Cooling mode, increases by 1 °C after one hour and by another + 1 °C after two hours

4.2.9 Maximum ventilation speed

To select the operation at the maximum ventilation speed

► press the key for about 2 seconds
The symbol on indicates the maximum speed function enable

⚠ Maximum power output is immediately obtained both in heating and cooling.

⚠ After reaching the desired room temperature, select a different function to increase the thermal and acoustic comfort.

4.2.10 Set the key lock

To set-up the key locking

► press both keys − + for 3 seconds
Appears bL.

⚠ All settings are inhibited by the user.

⚠ Repeat the sequence to unlock the control.

4.3 Basic menu

To access the basic menu
- ► with the display off, hold down ⏻ for 10 seconds
  The device turns on and appears
- ► keep pressed until the indication appears
- ► release the ⏻ key
  The symbol appears

To navigate in the menu
- ► use the icons + −

To select a menu item and to confirm the changes made
- ► press the icon ⏻
  Confirming the change takes you to the next item.

To exit the menu
- ► press the icon ⏻ for 10 seconds
- ► or wait 30 seconds the automatic shutdown

4.3.1 Menu items

ot: AIR probe offset (air probe setting)

ur: Value read by the R.H. sensor

ut: Probe Offset PT4

uS: Humidity setpoint

ui: Humidity hysteresis

CF: Scale

ub: Buzzer volume

uu: Wi-Fi reset

uP: Wi-Fi pairing

ho: Hotel Mode

⚠ Menu items uu and up are visible only on the command with Wi-Fi link code EFB749.

4.3.2 Set AIR probe offset

To set the air probe offset
- ► select
- ► press ⏻ to change settings
- ► increase or decrease the value with the icons + −
- ► press ⏻ to confirm
  By default it is set to 0.
  The setting range is from a minimum of -12.0 °C to a maximum of 12.0 °C.

4.3.3 Set probe offset RH

⚠ Modify only after real deviations from an actual measurement has been established with professional equipment.

To set the RH probe offset
- ► select
- ► press ⏻ to change settings
- ► increase or decrease the value with the icons + −
- ► press ⏻ to confirm

4.3.4 Set the humidity setpoint

To set the humidity setpoint
- ► select
- ► press ⏻ to change settings
- ► increase or decrease the value with the icons + −
- ► press ⏻ to confirm
  The setting range is from 20.0% to 90.0%.

4.3.5 Setting the humidity hysteresis

To set the humidity hysteresis
- ► select
- ► press ⏻ to change settings
- ► increase or decrease the value with the icons + −
- ► press ⏻ to confirm
  The setting range is from 1 (min) to 30 (max).

4.3.6 Scale

To change the temperature unit of measure
- ► select
- ► press ⏻ to change settings
- ► select °C or °F
- ► use the + − icons to move inside the menu
- ► press ⏻ to confirm
  By default the temperature unit of measure is ° C.

4.3.7 Adjusting buzzer volume

To change the volume
- ► select
- ► press ⏻ to change settings
- ► operate the + − keys to decrease or increase the desired value
- ► press ⏻ to confirm
  The volume setting range is from 00 (min) to 03 (max).

⚠ The volume changes after confirming the modification.

4.3.8 Wi-FI reset

To reset the Wi-Fi credentials and return the device to its original configuration

- ► select
- ► press to change settings
- ► use the icons in sequence
  Appears
- ► press
  appears to reset Wi-Fi credentials.
- ► press to confirm
  Credentials have been reset.

⚠ The function is only available for wall controls with Wi-Fi connection code EFB749.

4.3.9 Activate Wi-Fi

To activate Wi-Fi

- ► select
- ► press to change settings
- ► use the icons in sequence
  Appears
- ► press
  appears to enable Wi-Fi pairing.
- ► press to confirm
  The device remains visible on the INNOVA App for the first 15 minutes after the device is switched on.

⚠ The function is only available for wall controls with Wi-Fi connection code EFB749.

4.3.10 Setting the Hotel Mode

To set the Hotel mode

- ► select
- ► select YS to turn on Hotel mode
- ► select NO to turn off the Hotel mode
  By default the device is set to NO.

Activating the Hotel mode:

- the Autochangeover function is deactivated
- the temperature setting range is reduced, in Cooling you can set from 22 °C to 28 °C, in Heating you can set from 16 °C to 24 °C

4.4 Warnings

4.4.1 Long period shut-down

For seasonal shutdowns or for long periods:

- ► disable the device
- ► set the main system switch to "OFF"

⚠ The antifreeze function is not on.

4.4.2 In case of control blockage

⚠ This procedure should only be carried out in the event that the control locks and no longer responds to commands.

In case of control blockage

- ► press both keys and for 10 seconds
  appears on the display accompanied by a beep. The control was reset.

4.4.3 Visualisation of alarms on display

⚠ In the event of an alarm, the device still maintains active functions.

⚠ The symbol ⚠ is displayed on the wall control panel to indicate alarms.

⚠ **To access the setup menu, it is necessary to access the Basic menu. See section "Basic menu"** *p. 15***.**

To visualise errors on the wall control panel

- ► press
  Appears
- ► press
  Next, the number assigned to the fancoil and the alarm code appears.

Displayed alarms

- ► E1 Air temperature probe alarm T1 on PUB-30 board disconnected or with incorrect values (-10÷40)
  The device is operating and the M7 control uses its own air probe.
- ► E2 Faulty internal fan motor or disconnected
  None of the modes can be activated.
- ► E3 Water temperature probe H2/T2 disconnected or faulty
  None of the modes can be activated.
- ► E5 H4/T3 heating water probe disconnected or faulty
  None of the modes can be activated.
- ► E6 Invalid water temperature detected when remote season change function is active
  The fancoil is performing heating and cooling functions incorrectly. None of the unit's functions can be activated.
- ► E8 Communication error alarm
  Error in the communication between the wall control panel and the fancoil. None of the unit's functions can be activated.
- ► h2o Incorrect water temperature
  In heating mode, the water temperature is below 30 °C
  In cooling mode, the water temperature is above 20 °C.

⚠ Error E8 is displayed without the error display procedure on the wall control panel.

4.4.4 Reset filter cleaner alarm

⚠ The flashing ⚠ symbol indicates that filter cleaning is required.

After replacement of filters, it is necessary to reset the count of hours of filter use

► press for about 8 seconds
The ⚠ symbol disappears.

5. TROUBLESHOOTING

5.1 Preliminary warnings

⚠ **For detailed information on accessories please refer to the "Coding accessories"** *p. 4* **section.**

Should you encounter any of the anomalies below:

- the ventilation does not start even if the water circuit is filled with hot or cold water
- the device is losing water in heating mode
- the device is loosing water in cooling mode
- the device generates excessive noise
- there is dew on the front panel

Follow the instructions below:

► disconnect the device from power supply immediately
► isolate the water supply
► immediately contact an Authorised Service Centre or suitably qualified personnel

⚠ The interventions must be carried out by a qualified installer or by an Authorised Service Centre.

⛔ Do not intervene personally.

5.2 Troubleshooting table

Effect	Cause	Solution
The ventilation is delayed with respect to the new temperature or function settings.	The circuit valve requires a certain time to open and therefore to make the hot or cold water circulate inside the device.	Wait 2 or 3 minutes to allow the circuit valve to open.
The device does not activate the ventilation.	Cold or hot water is missing from the system.	Ensure the heating or cooling source is on.
The ventilation does not start even if the water circuit is filled with hot or cold water.	The hydraulic valve stays closed.	Demount the body of the valve and check if the water circulation is restored.
		Check the valve operation, feeding it separately from a 230 V supply. If it operates, the problem may be in the electronic control.
	The ventilation motor is jammed or burnt.	Check the motor windings and check if the fan rotates freely.
	The wirings are not correct.	Check the electrical connections.
The device is losing water in heating mode.	Leaks at the hydraulic connections of the system.	Check the leak and tighten the connection.
	Losses in the valve group.	Check the condition of the gaskets.
There is dew on the front panel.	Detached thermal insulation.	Check the correct positioning of the thermal and acoustic insulations paying particular attention to the front one located on top of the finned coil.
There are water drops on the air vent.	High humidity conditions (>60%) might generate condensation, especially at minimum ventilation speeds.	As soon as the level of relative humidity drops, the phenomena disappears. However, a few water drops falling inside the device will not cause any malfunction.
The device is loosing water in cooling mode.	The condensate tray is clogged.	Slowly pour water in the lower section of the battery to check the drainage; if necessary clean the tray and/or improve the slope of the drain pipe.
	The condensate discharge pipe does not have the slope required for correct drainage.	
	The connection pipes and the valves unit are not well insulated.	Check the pipe insulation.
The device generates excessive noise.	The fan touches the structure.	Verify
	The fan is unbalanced.	The unbalancing generates excessive machine vibrations: replace the fan.
	Check the filters for dirt and clean them if necessary	Clean filters

6. MAINTENANCE

Routine maintenance is essential to keep the device efficient, safe, and reliable over time.

6.1 Preliminary warnings

Before each cleaning and maintenance intervention:

- ► isolate and lock off the main supply, posting a notice indicating that work is being carried out.
- ► wait for the components to cool down in order to avoid any burns

⛔ Carrying out any technical or cleaning work before disconnecting the unit from the power supply is forbidden.

⚠ Make sure that there is no voltage before operating.

⚠ After completing the maintenance work, the unit must be restored its original condition.

⚠ Warnings:

- Do not lean or sit on the fancoil to avoid damaging the appliance.
- If water leaks from the device, you must switch it off immediately and disconnect the power supply. Then, call the nearest customer service centre.
- The device must not be installed in rooms where there are explosive gases or where there are conditions of humidity and temperature out of the limits defined in the installation manual.
- Clean the filter regularly.

6.2 Routine maintenance

⚠ Routine maintenance is essential to keep the device efficient, safe, and reliable over time.

Carry out cleaning:

- every six months

Before each cleaning and maintenance intervention:

- ► disconnect the device from the power supply by turning the system main switch to "OFF"

⚠ Wait for the components to cool down in order to avoid any burns.

⚠ After completing the maintenance work, the unit must be restored its original condition.

⛔ It is forbidden to open the access doors and carry out any technical or cleaning intervention, before having disconnected the device from the mains supply by isolating and locking off the main supply, and posting a notice indicating that work is being carried out.

6.2.1 External cleaning

Clean the external surfaces using a soft cloth dampened with water.

⚠ Do not use abrasive sponges, or abrasive or corrosive detergents, as you might damage the painted surface.

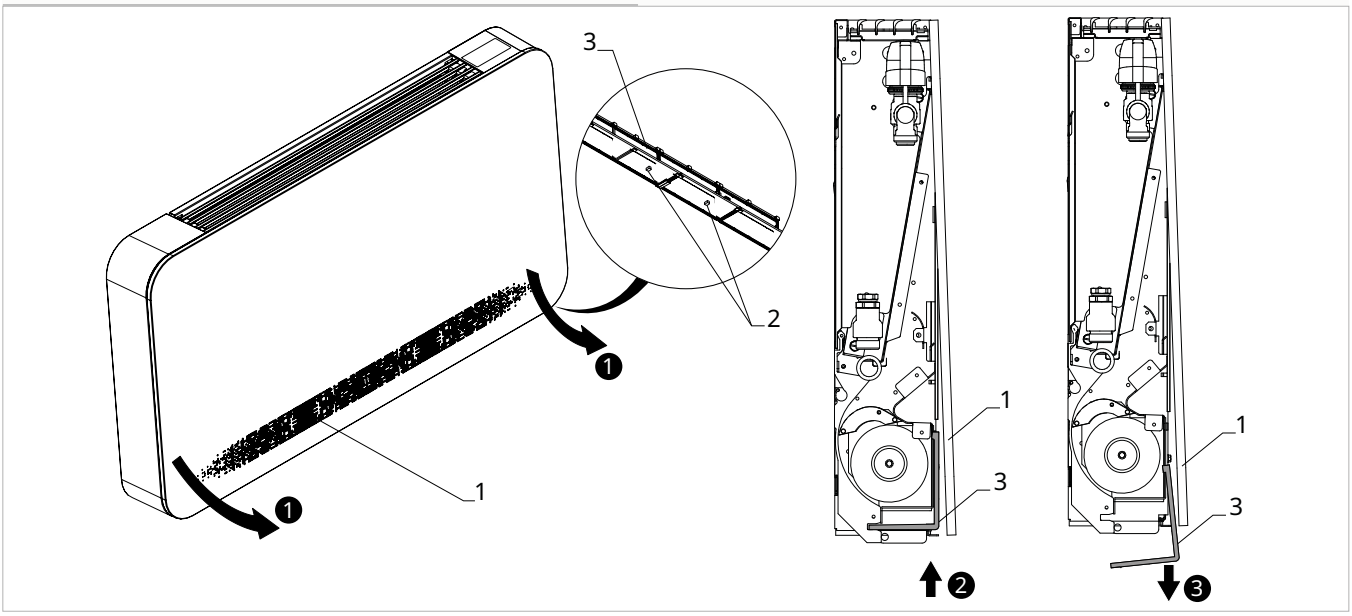
⚠ Disconnect the unit from the power supply before each cleaning and maintenance intervention by setting the main power supply switch to off.

6.3 Air intake filter cleaning

Cleaning the filter must be carried out:

- after prolonged operation, consider the concentration of impurities in the air
- when you plan to restart the system after prolonged disuse

1. Cover cabinet
2. Air intake filter
3. Plastic tabs



To remove the filter:

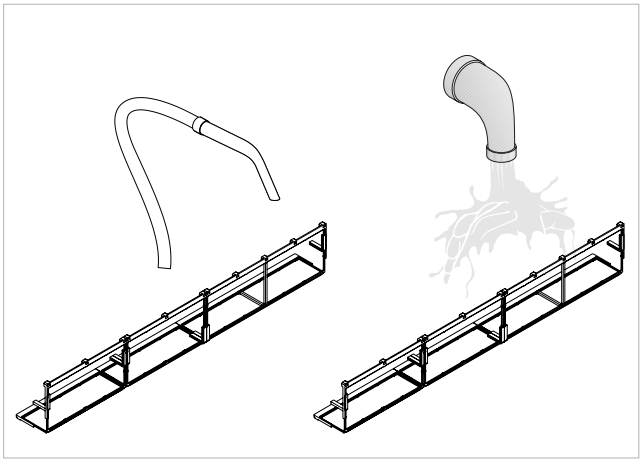
- ► Distance the bottom of the cover cabinet by pulling it toward you
- ► Push up the plastic tabs on the bottom of the filter
- ► Unhook the filter from its housing
- ► remove the filter by pulling it downwards

To reassemble the filter:

- ► proceed in reverse order

⚠ Check that the filter is fitted correctly.

⛔ It is forbidden to use the device without its mesh filter.



To clean the filters:

- ► use a vacuum cleaner
- ► aspirate dust
- ► wash the filter with running water
- ► allow it dry

6.4 Suggestions for energy saving

For a correct operation of the device and a greater energy saving:

- keep the filters clean
- keep the doors and windows of the locations fitted with air conditioning systems closed as much as possible
- during summer limit the entry of direct sun rays into the rooms to be air-conditioned by means of external screens (projections, curtains, shutters, etc.)

7. TECHNICAL INFORMATION

7.1 Limits of operation of the control

Operating limits

	u.d.m.	Heating	Cooling
Minimum room relative humidity	%	15	15
Maximum room relative humidity	%	80	80
Minimum room air temperature	°C	-10	-10
Maximum room air temperature	°C	50	50

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