OIMMERGAS

SMART KIT WIRELESS

UIDUCT UISP



Instructions and warnings





Dear Costumer

Thank you for purchasing this product.

Before using the unit, carefully read this manual and keep it for future reference.

- This manual provides a detailed description of the precautions that you must pay attention to during use.
- Read this manual carefully before using the Smart kit to guarantee its proper operation



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Safety symbols used



GENERICHAZARD

Strictly follow all of the indications next to the pictogram. Failure to follow the indications can generate hazard situations resulting in possible serious harm to the health of the operator and user in general, and/or serious material damage.



Warnings

Strictly follow all of the indications next to the pictogram. Failure to follow the indications can generate hazard situations resulting in possible minor injuries to the health of the operator and user in general, and/or minor material damage.



Attention

Read and understand the appliance's instructions before performing any operation, carefully following the indications provided. Failure to follow the indications can generate appliance malfunctions



Information

Indicates useful tips or additional information.

Personal protective equipment



This marking on the product means that waste electrical and electronic equipment must not be mixed with generic household waste.

Do not dispose of this product as unsorted city waste. Incorrect management of waste has potential negative effects on the environment and on human health.

To dispose of the device, refer to waste electrical and electronic equipment collection centres or contact the dealer that you purchased it from.

Discharged batteries must be taken out of the remote controls and disposed of separately in compliance with local regulations.



1. INSTALLATION ACCESSORIES.

Select the installation point.

Do not install this kit in the presence of combustible oil, sulphurous vapour or gases, as otherwise the product could deform and cause the system to malfunction.

Options prior to installation.

1. Check that the following components are included in the package.

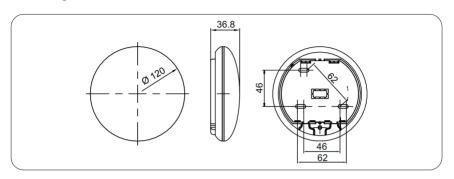
No.	Description	Q.ty	Notes
1	Smart port	1	
2	Use and installation manual	1	
3	Screws	3	M4x20 (wall-mounted instal-
4	Plugs	3	lation)
5	USB Wireless stick	1	
6	Connection cables unit	1	
7	Extension	1	
8	Remote control	1	
9	Batteries	2	

2. For wall-mounted installation of the kit, foresee the connection with a corrugated pipe between the kit and machine to pass the cables through the wall.

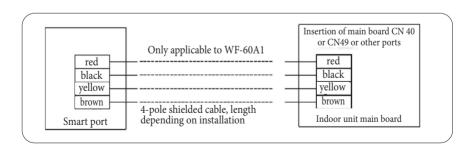


2. INSTALLATION PROCEDURE.

2.1 Smart port structure dimension.

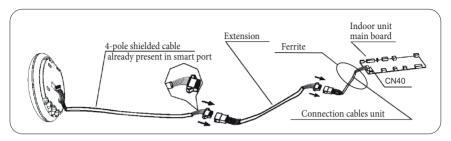


2.2 Wiring diagram.





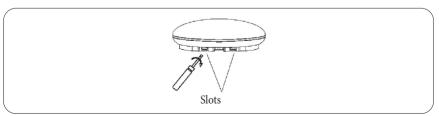
2.3 Wiring connection diagram.



- Connect the male connector of the connection cables unit to the dedicated connection on the main board of the machine (Indoor unit), then connect the other side to the 4-pole shielded cable coming from the Small port.
- Apply an extension cord if you want to increase the length of the cable.
- Connect the ferrite supplied in the indoor unit between the P.C.B. and the connection with the extension cord, wrapping it twice around the connection cable.

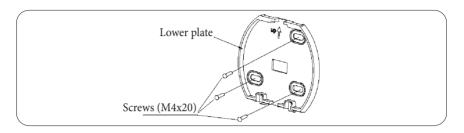
2.4 Removing top part of Smart port.

- Insert the tip of a flat-headed screwdriver in the 2 slots at the bottom of the Small port and remove the top part from the Small port. The 4-pole shielded cable is now visible.



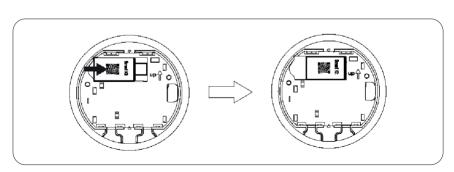
2.5 Wall fixing diagram (with hidden cables).

For wall mounting, fix the lower part to the wall by means of the 3 screws and plugs (M4x20).



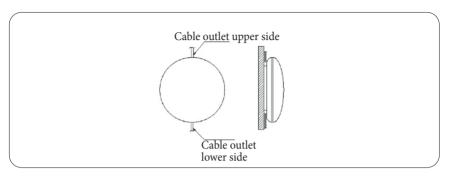
2.6 Insert the USB stick.

Insert the USB Wireless stick into the USB port of the Small port, exerting slight pressure.

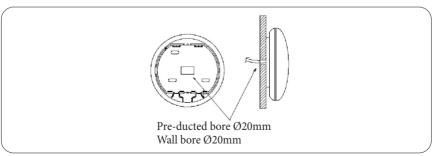


2.7 Electrical connection.

A. For installation with cables visible, there can be two outlet positions, upper and lower.



B. For installation with cables recessed in the wall, remove the pre-ducted area in the lower part and connect to the cables coming out of the wall.

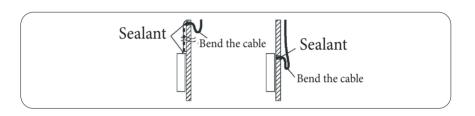


2.8 Smart port connection.



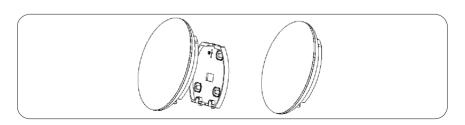
WARNING:

- Do not allow the ingress of water into the Smart port.
- Use the sealant to seal the connectors of the cables during installation.



During installation, leave the connection cable long enough for easy removal of the Small part during maintenance.

Refit the top part of the Smart port onto the bottom part, without pinching the cables during installation.



3. SAFETY PRECAUTIONS.



WARNING:

- · Read the safety precautions carefully before installing the unit.
- Below are important safety guidelines to be complied with:
 - Applicable operating system: IOS, Android (IOS 12, Android 11.0 or higher).

NOTE:

Due to the variety of operating systems and their versions and the possibility of particular
and unpredictable circumstances occurring, compatibility with all devices cannot be
guaranteed.

WIRELESS SECURITY:

 The Wireless Kit supports WPA-PSK/WPA2-PSK cryptography, but it works even without any cryptography. It is recommended to use WPA-PSK/WPA2-PSK cryptography.



WARNING:

- To properly scan the QR code, the smartphone camera must have a resolution of at least 5 million pixels.
- Different network configurations can occasionally cause a timeout of the request. In that
 case, the network must be reconfigured.
- Due to different network situations, at times the control process can lead to a timeout; if this occurs, the display between booklet and App screen might not be the same: be careful therefore not to get confused.

NOTE:

 Immergas will not be responsible for any problems and/or criticality caused by the Internet or Wireless router.



4. DOWNLOAD AND INSTALLATION OF THE APP.



WARNING:

• The following QR codes have been provided to be able to download our APP called "CLIMAsmart"

Android users.

Scan the dedicated QR code or go to Google Play, search for the "CLIMAsmart" app and download it.







IOS users.

Scan the dedicated QR code or go to App Store, search for the "CLIMAsmart" app and download it.





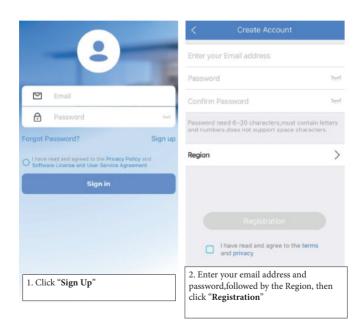


5. TECHNICAL SPECIFICATIONS.

Model	Smart KIT Wireless UI DUCT UI SP (EU-OSK105)
Standard	Wi-Fi IEEE 802.11 b/g/n
Software Version	V 11.34.7
Type of antenna	External omni-directional antenna
Wireless frequency	2.4 G
Maximum power transmitted	<20 dBM
Operating temperature	0°C ~ 45°C
Operating humidity	10% ~ 85%
Power line inlet	DC 5V/500mA

6. USER REGISTRATION.

- Make sure that the mobile device is connected to the wireless router and that the router is already
 connected to the Internet before performing user registration.
- If you've forgotten the password, press "Password forgotten?" and follow the procedure indicated on the App.





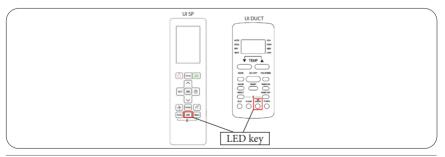
7. PREPARATION FOR NETWORK CONFIGURATION.

- You must disconnect from any other network in the vicinity and make sure that the Android or IOS
 device connects to the Wireless network you want to configure.
- Make sure that the Wireless function of the Android or IOS device works properly and can automatically reconnect to the original Wireless network.

Use an Android or IOS device to configure the network.

- 1. Make sure that your mobile device is already connected to the Wireless network you want to use.
- 2. Make sure that the air conditioner is properly powered.

Model	AP mode	Instructions
UI DUCT	Remote control	Press the 'LED' key on the remote control 7
UI SP	Remote control	straight times, within 10 seconds, until you see the LED in the Small Port flashing.



NOTE

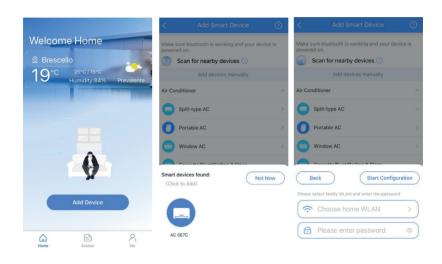
When the air conditioner enters AP mode, its remote control cannot control it. In this circumstance, you must complete network configuration or switch power off and back on.

Otherwise, wait 8 minutes to allow the air conditioner to automatically exit AP mode.



8. NETWORK CONFIGURATION (AUTOMATIC METHOD).

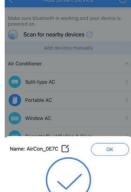
Make sure that the air conditioner is in AP mode, as shown on the previous page.



1. Press "Add device"

- 2. Wait for the device search, then click to add it
- 3. Select the name of the home network you want to connect the air conditioner to and enter the password





Success



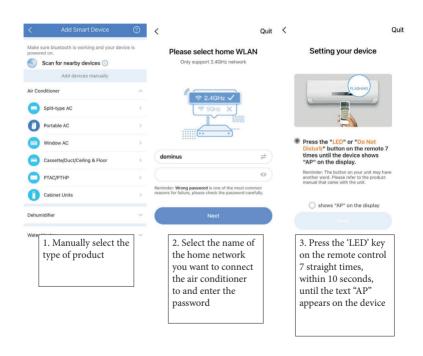
The device is connecting to the network...

- 4. Wait for it to connect to the network
- 5. Configuration successful. You may now modify the default name of the air conditioner.
- 6. The device has been configured successfully. You can now see the device on the main screen.



9. NETWORK CONFIGURATION (MANUAL METHOD).

If automatic configuration, shown on the previous page, fails, perform manual configuration.



< Quit <

Choose the device network



 Go to "WLAN List" to choose the device network then go back to app

¬ net_ac_XXXX

4 12345678

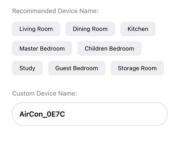
Reminder: If "net_ac_XXXX" network is not found on the list, please retry the previous step to put the device in AP mode.

Go to WI AN list

4. The air conditioner displays a temporary Wireless network, called 'net_ac_xxxx', which you may connect to with your mobile phone, by entering the password '12345678'.



Successed to connect



Save

5. The device has been configured successfully, you may now modify the name of the air conditioner.



10. HOW TO USE THE APP.

Make sure that the air conditioner is connected to the home Wireless network (see previous paragraph).







1. Login

2. Choose the air conditioner to be controlled

3. The available functions are displayed on the air conditioner screen

Operating mode.

The available modes are:



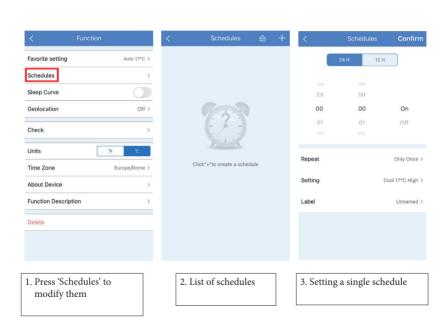


- 1. Cooling
- 2. Dehumidification
- 3. Ventilation
- 4. Automatic
- 5. Central heating

11. SPECIAL FUNCTIONS.

Weekly schedule.

You may set the weekly schedule of the air conditioner so that it switches on and off automatically.



Sleep curve.

It is possible to set a sleep curve that takes into account the temperature and speed of the fan during the night, limiting noise and increasing air-conditioning comfort.

The sleep curve can only be activated in central heating and cooling mode.





ATTENTION:

If the air conditioner is used/controlled via App, **this overrides** the remote control (UI DUCT) or the remote control (UI SP).

If a command/modification is entered by (UI DUCT) or (UI SP) remote control, it will be received by the air conditioner and then by the App; on the contrary, if the command/modification is sent by the App, the (UI DUCT) or (UI SP) remote control will remain in the previous situation.





WARNINGS.

Models of wireless modules: EU-OSK105

IC: 24951-MZNA21

The manufacturer Immergas declares that the device complies with Directive 2014/53/EU.

Only use the device according to the instructions provided.

The manufacturer shall not be held liable in case of modifications or interventions not authorised by the manufacturer himself.

During normal operation, people must not be closer than 20 cm from the antenna.

NOTE:

This appliance generates, uses and can irradiate radiofrequency energy and, if it not installed and used according to the instructions, can cause harmful interference with radio communications. Nonetheless, there is no guarantee that interference does not occur in a particular installation. If this appliance causes harmful interference to radio or television reception, which can be determined by switching the appliance off and back on, the user is encouraged to try to correct the interference by taking one or more of the following measures:

- Redirect or move the receiving antenna.
- Move the appliance and receiver further apart.
- Connect the appliance to a socket on a different circuit than that which the receiver is connected to.
- Consult the radio/TV dealer or a skilled technician for assistance.

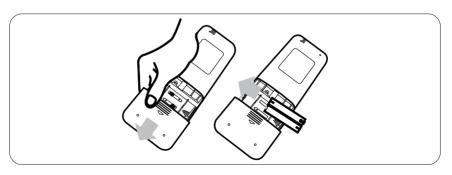
12. REMOTE CONTROL FEATURES.

The remote control in this kit allows you to access the configuration mode of the Wireless (AP mode), the relative Wireless reset, and the configuration of the air conditioner on/off timer. All other functions are already included in the App.

Model	RG51B/E
Rated Voltage	3.0 V (2 batteries 1.5V LR03 - AAA)
Signal range	8m
Operating temperature	5°C ~ 60°C

The kit comes with two batteries. Insert the batteries in the remote control before use

- 1. Slide the back cover of the remote control downwards, to uncover the battery compartment.
- 2. Insert the batteries, paying attention to the poles (+) and (-).
- 3. Close the back cover sliding it back on as originally.



NOTE:

To achieve best performance of the product:

- Do not mix old and new batteries or batteries of different types.
- If the device is not used for over 2 months, remove the batteries from the remote control.

TIPS ON USING THE REMOTE CONTROL.

The remote control works properly when activated within 8 m from the air conditioner.

The unit beeps when it receives the remote control signal.

Curtains, other materials and direct sunlight can interfere with the infrared signal receiver.

BATTERY WASTE DISPOSAL (PD.).

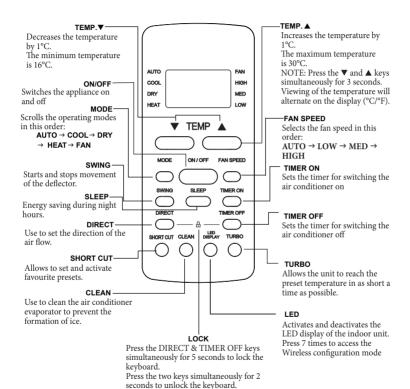
Do not throw away batteries with unsorted municipal waste.

Refer to local laws for correct disposal of the batteries.

The batteries might have a chemical symbol stamped at the bottom of the waste disposal icon. This symbol means that the battery contains a heavy metal beyond a certain concentration; one example is Pb: Lead (>0,004%).

Used appliances and batteries must be processed in a specialised facility for reuse, recycling and recovery. Ensuring correct disposal contributes to avoid negative consequences for the environment and for human health.

13. MAIN KEYS AND FUNCTIONS (UI DUCT REMOTE CONTROL).





14. REMOTE CONTROL SCREEN ICONS.

The following information is displayed when the remote control is on.



AUTO 🔻	COOL ◀	DRY	◀
HEAT 📥	▼ FAN		

- To Display of transmitted data.
- Displays when the remote control is on.
- Displays when TIMER ON is set.
- Displays when TIMER OFF is set.
- shows the set temperature or the room temperature or time of the TIMER setting.
- eco Displays when the ECO function is activated.
- Indicates that all current settings are locked.
- Q Displays when the Follow Me function is activated (certain units).
- Displays when the SLEEP function is activated.
- Ø Displays when the FRESH function is activated (certain units).
- Displays when the TURBO function is activated.
- ¥⊓ Horizontal deflector activated.
- ── Vertical deflector activated (certain units).

Indication of Fan Speed

► HIGH	Maximum speed
MED	Medium speed
▲ LOW	Minimum speed
NO display	AUTO speed

NOTE:

All the indicators have been represented in the figure by way of example. During actual operations, only the active function symbols will be displayed.



15. TIMER SETTING.

TIMER ON/OFF: Sets the time after which the air conditioner switches on/off automatically.

15.1 TIMER ON setting.

Press TIMER ON key to start the ON time sequence





Press the Time up or down key several times to set the time you want to switch the unit on.



Aim the remote control towards the unit and wait 1 second,
TIMER ON will be activated

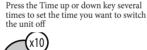


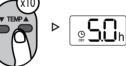
15.2 TIMER OFF setting.

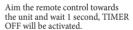
Press TIMER OFF key to start the OFF time sequence













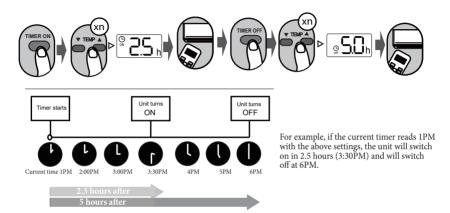
NOTES:

- 1. When TIMER ON or TIMER OFF is set, the time increases by 30-minute increments every time the Time key is pressed, up to 10 hours. From 10 to 24 hours, the time increases by 1-hour increments. (For example, press 5 times to obtain 2.5 h, and press 10 times to obtain 5h). The timer will go back to 0.0 after 24 hours.
- 2. Set the timer at 0.0h to cancel both functions.



15.3 Examples of TIMER ON and TIMER OFF settings.

Remember that the time periods set for both functions refer to hours after the current time.



RED Declaration of Conformity (DoC)

Unique identification of this DoC: No20250410001

We.

Immergas S.p.A.

Via Cisa Ligure, 95 |42041 Brescello (RE)-ITALY

declare under our sole responsibility that the product:

product name: Smart Kit trade name: IMMERGAS

type or model: EU-SK105, EU-OSK105

relevant supplementary information:

(e.g. lot, batch or serial number, sources and numbers of items)

to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the RE Directive (2014/53/EU).

The product is in conformity with the following standards and/or other normative documents:

HEALTH & SAFETY (Art. 3(1)(a)): EN IEC 62311:2020, EN 62311:2008, EN 62368-1:2014/A11:2017

EMC (Art. 3(1)(b)): EN 301 489-1 V2.2.3: 2019, EN 301 489-17 V3.2.4: 2020 EN 55032:2015/A1:2020, EN 55035:2017/A11:2020, EN 50665:2017

SPECTRUM (Art. 3(2)): EN 300 328 V2.2.2 :2019

OTHER (incl. Art. 3(3)d): EN 18031-1:2024

Limitation of validity (if any):

Supplementary information:

Notified body involved: N/A

Technical file held by: GD Midea Air-Conditioning Equipment Co., Ltd

Place and date of issue (of this DoC): Brescello (IT) / April 2025

Signed by or for the manufacturer:

Name (in print): Guareschi Mauro

Title: R&D Manager

(Signature of authorized person)

Immergas S.p.a.

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Tel. 0522.689011

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