



EN

PORTABLE AIR CONDITIONER (LOCAL)

IRO & IRO PLUS



OPERATING INSTRUCTIONS

Read the instructions carefully before operating the appliance or carrying out maintenance work. Observe all the safety instructions; failure to observe the instructions may lead to accidents and/or damage. Store these instructions in a safe place for future reference.



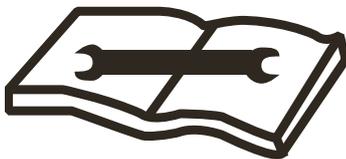
Appliance is filled with flammable gas R290.



Before installing and using the appliance, read the owner manual.



Before installing the appliance, read the installation manual.



Any repairs you need, contact the nearest authorized Service Centre and strictly follow manufacturer's Service Manual.

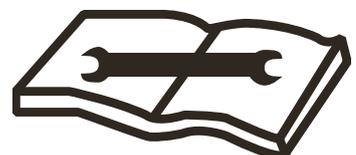
The Refrigerant R290

- To realize the function of the air conditioner unit, a special refrigerant circulates in the system. The refrigerant is the fluoride R290 = 3 GWP (Global warming potential). This refrigerant is flammable and inodorous. It can lead to explosions under certain conditions, however the flammability of this refrigerant is very low and it can be ignited only by fire.
- Compared to other common refrigerants, R290 is a non-polluting refrigerant with no harm to the ozoneosphere and a no effect upon the greenhouse effect. R290 has very good thermodynamic features which lead to a really high energy efficiency. The units therefore need less filling.

Warning:

Do not try to accelerate the defrosting process or to clean the appliance in different ways other than those recommended by the manufacturer. Should repair be necessary, contact your nearest authorized Service Centre. Any repairs carried out by unqualified personnel may be dangerous. The appliance has to be stored in a room that doesn't have any continuously operating ignition sources. (for example: open flames, an operating gas appliance or an operating electric heater.) Do not pierce or burn.

Appliance has to be installed, used and stored in a room with a floor area larger than 14 m². For repairs, strictly follow manufacturer's instructions only for appliances filled with R290 flammable gas. Be aware that refrigerants do not have any odour.



GENERAL OPERATING AND SAFETY INSTRUCTIONS

- This appliance is a local air conditioner designed for domestic use.
- Only use this air-conditioner as described in this manual.
- Ensure that the required voltage and frequency (220-240V/50 Hz) match the available power source.
- Fuse style 5ET o SMT the electricity passing through the fuse cannot be above 3.15A.
- This appliance can be used by children aged from 8 years and above and people with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Ensure that the electricity system is able to deliver the operating current required by the air conditioner, in addition to that normally absorbed by other appliances (household appliances, lighting system, etc.). Please refer to the maximum power input data indicated on the air conditioner's data plate.
- Connection to the electricity grid must take place in accordance with current installation standards.
- Ensure that the automatic switches and system protection valves are able to withstand a start-up current of 6A (normally for less than 1 second).
- The system socket must always be fitted with an efficient earth connection.
- Make sure that the plug is fully inserted. Do not use multiple adapters. Do not touch the plug with wet hands. Make sure that the plug is clean.
- Do not use the plug as a means by which to start/stop the air conditioner: use the ON/OFF button on the remote control or on the control panel.

- Do not install the air conditioner in rooms where it may receive water splashes (e.g. laundry rooms).
- This air conditioner can be used by children of 8 years of age or older, and by persons with reduced physical, sensory and mental abilities or who lack the necessary know-how and experience to operate it, if under the supervision or instruction of a person responsible for their safety, so that they are fully aware of the attendant risks.
- Before moving or cleaning the device, ensure that it is unplugged from the socket.
- Do not move the air conditioner while it is operating; first turn the appliance off, check for any condensate build-up and empty it if necessary.
- To turn the appliance off, set the remote control to OFF and remove the plug from the socket. Pull on the plug only. Do not pull the cord.
- **Do not use the appliance if the cord or plug are damaged.** If the power supply cord is damaged, it must be replaced by the manufacturer, dealer or a similarly qualified person so as to avoid any safety risks.
- Keep the unit away from fire, possible fire sources, inflammable or explosive objects.
- Do not leave the unit unattended while it's operating, turn the unit off and unplug it.
- If drainage hose is used, the ambient temperature mustn't be lower than 0°C. It can cause water leakage to the air conditioner.
- Do not splash or pour water on the air conditioner

PRECAUTION!

- **Do not insert any objects into the air conditioner: this is very dangerous as the fan turns at high speed.**
- **Ensure that air circulates freely around the unit. Do not cover the air intake and delivery grilles with drapes or any other means.**

WARNING!

- The air conditioner must be positioned **at least 50 cm** from the wall or any other obstacles, on a flat and stable surface so as to avoid water leaks.
- The air conditioner is fitted with a system for protecting the compressor from overload. This means that the compressor only starts 3 minutes after its previous stoppage.
- Please wait at least 3 minutes before starting the unit. This helps prevent the compressor from being damaged.

WARNING!

In the event of an anomaly, switch the appliance off and unplug it from the socket. Do not dismantle or attempt to repair or modify the product. In the event of a malfunction, contact the service centre directly.

WARNING!

- Do not expose the air conditioner to direct sunlight, as the colour of the materials may change; moreover, the appliance may overheat causing the protection mechanism to intervene and switch the appliance off.
- Do not use insecticides, oils, detergents or spray paints near the appliance; do not use aggressive chemical detergents to clean the casing: this may damage the finish and colour.
- Close all open windows to maximise air conditioning efficiency.

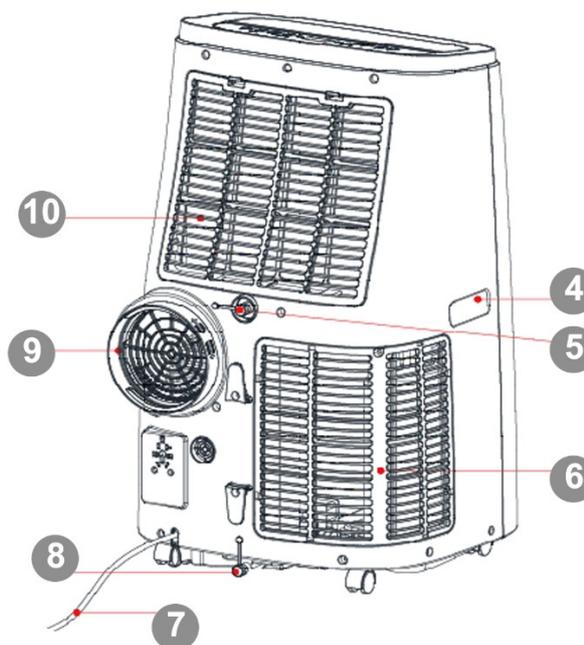
The manufacturer will not be held liable if safety and accident prevention rules are not observed.

DESCRIPTION OF THE APPLIANCE

FRONT VIEW



REAR VIEW



- 1) CONTROL PANEL AND FUNCTION BUTTONS WITHOUT REMOTE CONTROL
- 2) FIN AND AIR INTAKE
- 3) WHEELS
- 4) HANDLE
- 5) CONTINUOUS DRAINAGE DISCHARGE
- 6) AIR INLET AND FILTER

- 7) POWER CORD
- 8) AIR EXPULSION HOSE
- 9) WINDOW ACCESSORY
- 10) AIR INLET AND FILTER
- 11) REMOTE CONTROL

Min/max operating limits (internal temperature)

Cooling: 16 °C DB / 35 °C DB

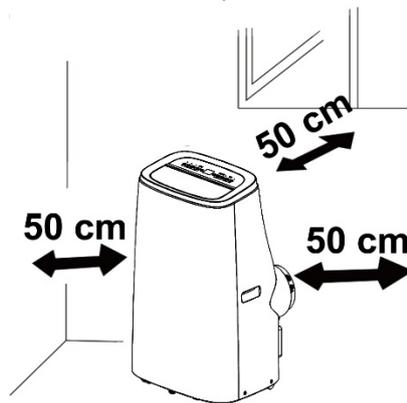
Dehumidification: 16 °C DB / 35 °C DB

Heating: 7°C DB / 35°C DB

Cooling mode room temperature adjustment range: 16 °C DB / 31 °C DB

PRE-OPERATING CHECKS AND OPERATIONS

The following space must be maintained to ensure the operating efficiency of the portable air conditioner. The unit must be placed vertically for 2 hours before the first power on.



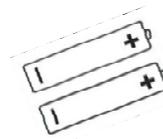
APPLIANCE START-UP

Open the packaging and remove the box from above. Remove the product and the other elements supplied (illustrated in the box below).

LCD remote control



Type AAA batteries
for the remote control
(not included)



Round fitting for window (1) to be positioned between the end of the tube and the end fitting for the window



Hose



End fitting for window (2)



Drainage pipe.



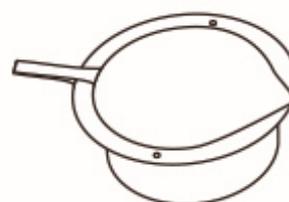
Window unit kit (A+B)



Window unit (A)



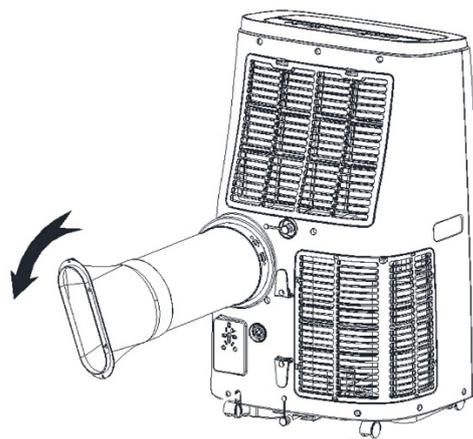
Cap (B)



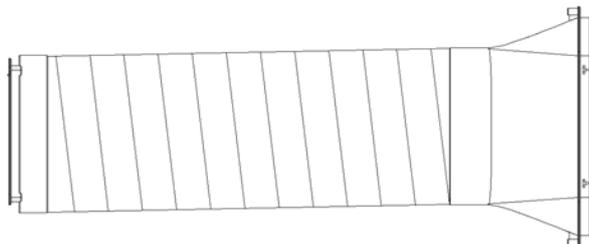
Position the product vertically on a flat and stable surface, as close as possible to a window and at least 50 cm from walls or other nearby obstacles.

USE WITH END FITTING FOR WINDOW

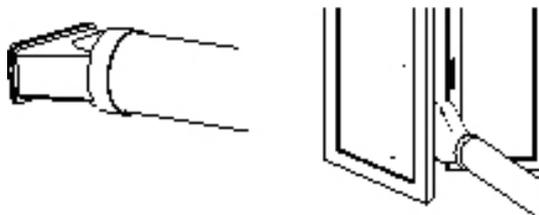
Connect the flat fitting to the hose, extend the hose as far as necessary for reaching the outside and it connect to the back of the air conditioner.



Connect the round window fitting (1) to the end of the hose then the end fitting for the window (2)



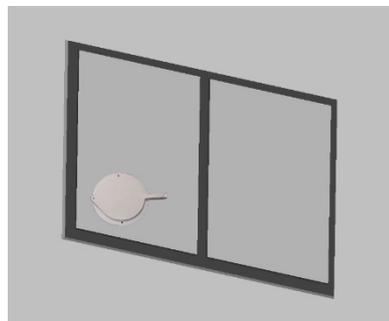
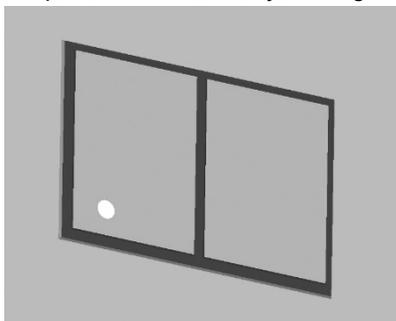
Open the windows and lock one of the two leaves with the handle.
Place the end fitting against the fixed leaf of the window, and draw the other leaf towards it.



UTILIZZO CON KIT OBLÒ

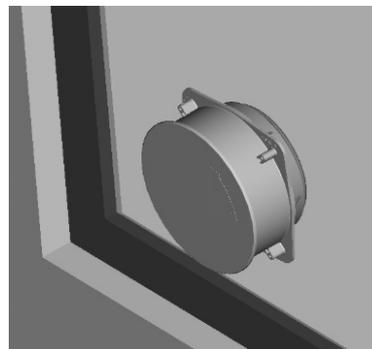
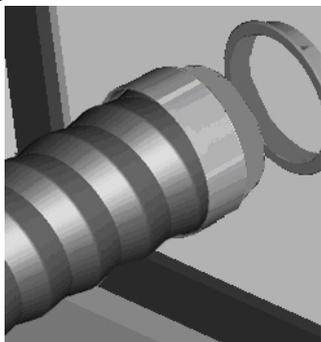
1. To make the hole in the glass it is advisable to take the porthole kit accessory to the glazier.

2. Insert the window unit (B) into the window.



3. Insert the round fitting (A) into the retractable flexible pipe and insert the latter with its round fitting into the window unit without the plug..

4. If the air conditioner is not used for prolonged periods, disconnect the pipe and plug the window unit.



Connect the power cord to a suitable electric socket (220–240 V). Insert the supplied batteries into the remote control and make sure the poles match. Select the desired operating mode from the remote control.

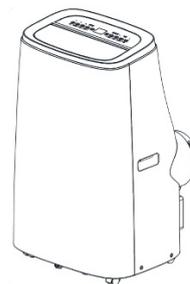
HOW TO USE THE APPLIANCE

This appliance can be used for cooling, dehumidifying and ventilating.

When switching between modes, the fan continues to rotate but the compressor stops: the compressor will start after 3 minutes. This delay protects the compressor from potential damage.



Cooling, Fan, Heating* (*available only on IRO PLUS)



Dehumidifying

THE DISCHARGE TUBE MUST ALWAYS BE CONNECTED to the appliance: the only exception is when the appliance is used solely for dehumidification, in which case it is advisable to let the appliance discharge directly into the environment for maximum efficiency (consult the "Dehumidification Mode" paragraph).

Regularly clean the air filters beneath the easily removable rear grille to keep the air conditioner working efficiently.

OPERATING MODES

1. COOLING MODE (COOL)

- The "Cool" LED on the control panel will turn on.
- The temperature can be adjusted to between 16 °C and 31 °C.
- In this mode, each time the ON/OFF button is pressed the unit switches off, the appliance saves the temperature setting and retains this setting when it is switched on again.
- In this mode, the fan speed can be adjusted and the Timer and SLEEP functions can be set.
- For more silent operation, run the fan at low speed.

2. HEATING MODE (HEAT)*

- The "Heat" LED on the control panel will turn on.
- The temperature can be adjusted to between 16 °C and 31 °C.
- In this mode, each time the ON/OFF button is pressed the unit switches off, the appliance saves the temperature setting and retains this setting when it is switched on again.
- In this mode, the fan speed can be adjusted and the Timer and SLEEP functions can be set.
- For more silent operation, run the fan at low speed.

*Available only in IRO PLUS model.

3. DEHUMIDIFICATION MODE (DRY)

- Press the MODE button to select the dehumidification mode.
- The temperature is controlled by the electronic board and cannot be adjusted.
- In this mode, each time the ON/OFF button is pressed the unit switches off, the appliance saves the settings and retains them when it is switched on again.
- The fan speed is set to low and cannot be adjusted.

NOTE

The air conditioner does not cool the room when operating as a dehumidifier.

When the appliance is used as a dehumidifier, the flexible pipe must not be connected.

For maximum dehumidification efficiency, leave the rear discharge attachment free to discharge directly into the environment.

The dehumidification mode is recommended during autumn and winter.

If used during summer, it is best to leave the flexible pipe attached so that the hot air is discharged towards the outside rather than into the room.

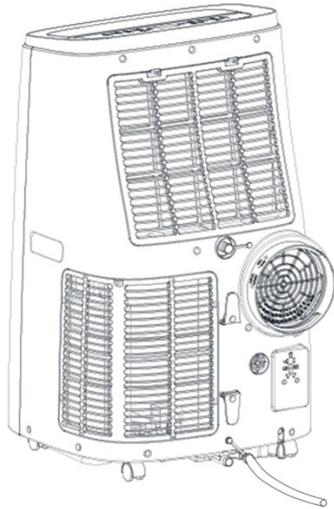
During dehumidification, continuous drainage should be implemented (see the next chapter, "HOW TO ELIMINATE CONDENSATE").

4. VENTILATION MODE (FAN ONLY)

- Press the MODE button until the Fan icon appears.
- In this mode, the fan speed can be adjusted.
- The temperature cannot be adjusted.

HOW TO ELIMINATE CONDENSATE

This appliance automatically vaporizes the condensation in Cooling. When the air conditioner operates in Cooling mode, it is not necessary to have continuous condensate drainage; only in particular climatic conditions in which the air humidity is very high, it can happen that water is deposited inside the unit. In **Heating** mode the condensate is not vaporized automatically, it will therefore be necessary to empty the tank periodically. Alternatively, drainage can be arranged from the lower hole on the back of the unit, the condensate drain will be intermittent. **When the internal tank is full, the air conditioner will emit 8 beeps and the display will show the message "FL", signaling the filling and blocking the operation of the appliance.**



Cooling and heating

When the unit operates in the cooling and heating mode, ensure that the rubber cap closing the drainage opening on the back of the appliance is properly positioned.

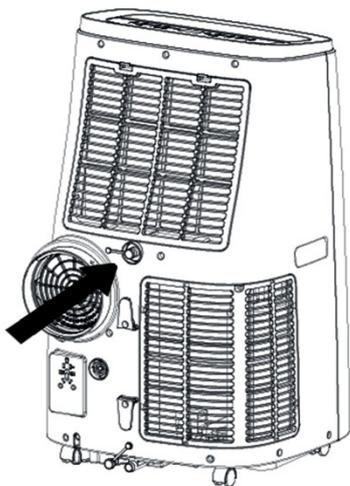
To empty the container, switch the air conditioner off and unplug the cord. Remove the cap from the rear drainage opening and place its end over a normal drain. Ensure that the tube is not twisted or bent. The tube must slope downwards. Re-close the drainage opening with the cap, insert it into the clamp and resume use of the air conditioner.

Dehumidification

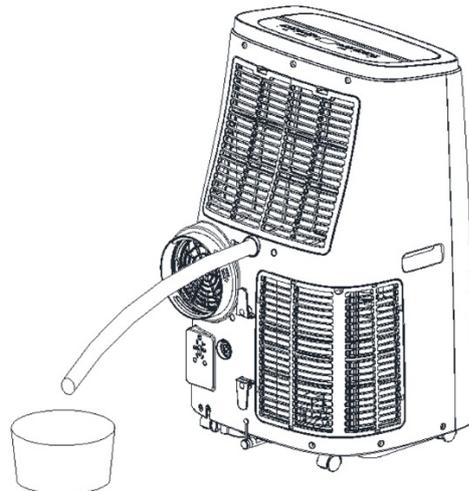
WARNING!

When using the air conditioner in dehumidification mode, we recommend always ensuring continuous drainage, in order to maximise dehumidification efficiency.

Use the drainage outlet on the appliance. The water can be drained into a drain by simply connecting the supplied drainage tube.

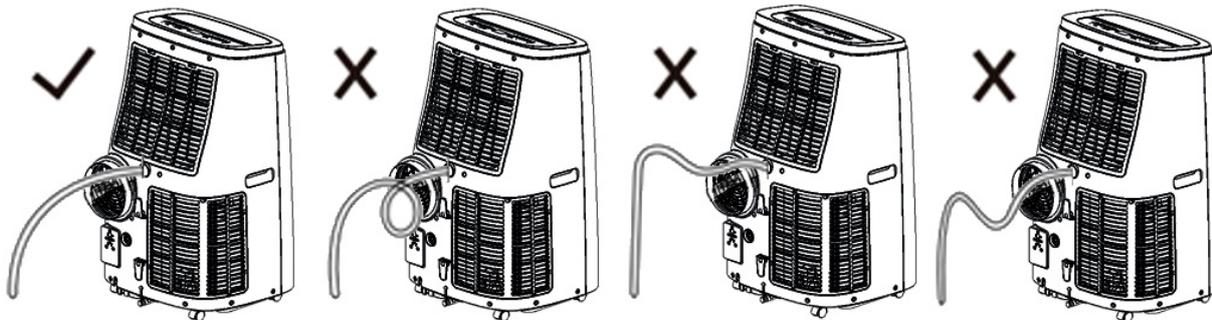


1. Remove the cap by turning it anti-clockwise then remove the plug.



2. Next, insert the drainage tube into the connection tube.

3. Avoid bends in the drainage tube.



REMOTE CONTROL OPERATION

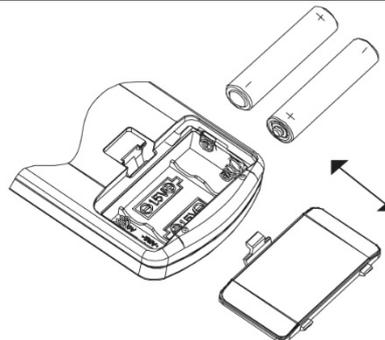
Insert the batteries into the remote control, while respecting the indicated polarities.

Only use alkaline batteries type AAA, LR03 1,5 V compliant with the Batteries Directive 2006/66 / EC and modifications pursuant to Directive 56/2013 / EU.

Remove the batteries if the remote control is not used for a month or longer.

Do not attempt to recharge the batteries. Replace all batteries at the same time.

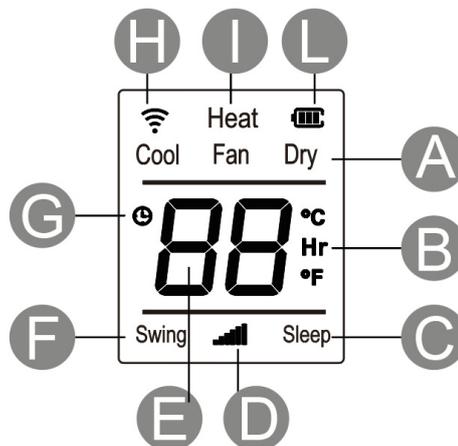
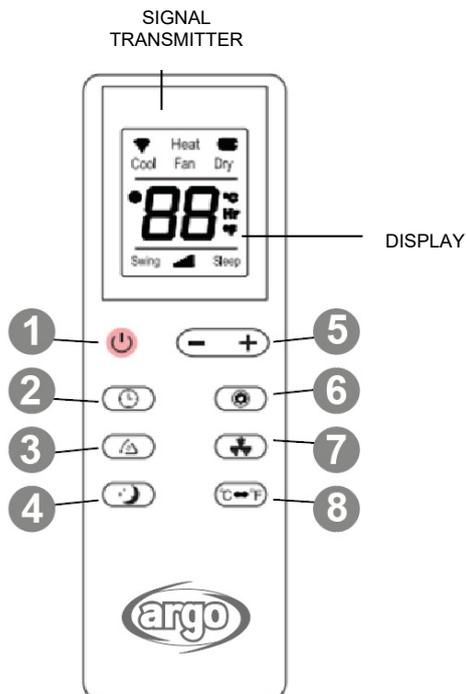
Do not throw the batteries into fire: they may explode.



INFORMATION FOR CORRECT DISPOSAL OF THE BATTERIES PURSUANT TO EUROPEAN DIRECTIVE 2006/66/EC and amendments former Directive 2013/56/UE

Replace the batteries when depleted. At the end of their working life, batteries must be disposed of separately from unsorted waste. They must be delivered to appropriate separated waste disposal plants or to dealers that provide a similar service. Separate waste disposal of batteries prevents potential negative effects on the environment and human health resulting from inadequate disposal, and also allows the materials from which it is made to be recovered and recycled in order to achieve significant savings in terms of energy and resources. The separate disposal obligation is underlined by the crossed-out dustbin symbol appearing on the battery. Illegal disposal of the product by the user is subject to administrative penalties as per current regulations.

FOR OPTIMUM OPERATION OF THE REMOTE CONTROL, ADDRESS THE TRANSMITTER HEAD TOWARDS THE RECEIVER LOCATED ON THE AIR CONDITIONER.



1. ON/OFF BUTTON

2. TIMER BUTTON

3. SWING BUTTON

4. SLEEP BUTTON

5. TEMPERATURE AND TIMER ADJUSTMENT BUTTONS

6. MODE BUTTON

7. FAN BUTTON - VENTILATION SPEED

8. TASTO °C °F

A. Mode indicator: COOL, FAN, DRY

B. Temperature and time

C. Sleep on/off

D. Speed setting

E. Display timer and temperature

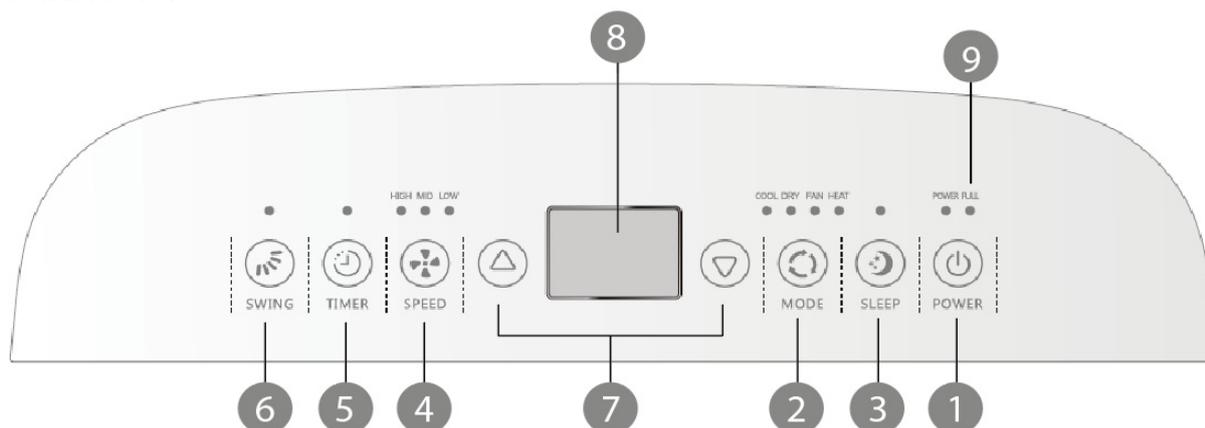
F. Swing on/off

G. Timer set

H. Signal transmission

I. Heating mode (available only on IRO PLUS)

L. Battery level



(1) ON/OFF BUTTON

Press this button to switch the unit on or off.

When switched on, the appliance will start functioning based on its last settings (save function).

(2) MODE SELECTION BUTTON (MODE)

Press this button to select the various operating modes, according to the following sequence:



In the COOL mode the display lights up. In the DRY and FAN modes the display does not light up. HEAT mode is available only on IRO PLUS model.

(3) SLEEP BUTTON (on both the remote control and portable unit)

Press this button to reduce to minimum the ventilation, for the most silence.

Note: The sleep mode cannot be started in ventilation mode.

(4) FAN SPEED ADJUSTMENT BUTTON

Press this button when the appliance is switched on for adjusting the ventilation speed in cooling mode (AUTO), to low (Low), medium (Med) or high (High).



The fan speed cannot be adjusted in DRY mode and is fixed to low speed.

(5) TIMER BUTTON (on both the remote control and portable unit)

Press and hold this button for 1 second to set the timer.

1) Timer-on (automatic switch-on)

When the appliance is off, this button is used to set a delay after which the unit will switch on.

Remote control: press "TIMER" to set a time to turn on the air conditioner. Press +/- to set the time, and press "TIMER" again to confirm it. The "G" icon will remain on to indicate that the TIMER has been set.

Portable unit: Press TIMER. Press Timer again to select a number of hours from 1 to 24. Press the TIMER button to confirm.

2) Timer-off (automatic switch-off)

When the appliance is running in the COOL mode, set a delay after which the unit will switch off.

Remote control: press "TIMER" to set a time to turn on the air conditioner. Press +/- to set the time, and press "TIMER" again to confirm it.. The "G" icon will remain lit to indicate that the switch-off TIMER is running.

Portable unit: Press TIMER. Press Timer again to select a number of hours from 1 to 24. Press the TIMER button to confirm.

Resetting the timer: If a TIMER has been set, press **TIMER** to display the delay. Press **TIMER** again to cancel the setting.

(6) "SWING" BUTTON

Press "SWING" top turn on or off the swing function.

(7) TEMPERATURE + - AND TIMER ADJUSTMENT BUTTONS

The temperature can be adjusted to between 16 °C and 30 °C.

Increase temperature (+):

- 1) Allows for adjusting the desired temperature in cooling (COOL) mode.
- 2) Whenever the (+) button is pressed, the set temperature increases by 1 °C.

Decrease temperature (-):

- 1) Allows for adjusting the desired temperature in cooling (COOL) mode.
- 2) Whenever the (-) button is pressed, the set temperature decreases by 1 °C.

The same button allows for setting the **TIMER**.

(9) TANK OVERFLOW INDICATOR

If the tank is full this led will turn on.

(8) TEMPERATURE AND ERROR DISPLAY

In the event of a malfunction, the LED display shows an error code, which facilitates the solution of the problem. With the exception of the FL message, full tank, when an error occurs do not attempt to repair the air conditioner, always take it to an Argoclima Service Center.

Problem	Cause	Solution
FL	Tank full of water.	Empty the tank. If the problem persists, contact a service centre.
E1	Room temperature sensor failure.	Contact a service centre.
E2	Failure of temperature sensor on the evaporator.	Contact a service centre.

The temperature and error display lights up only in COOL modes. In DRY and FAN modes it does not light up.

SAFETY FUNCTIONS

COMPRESSOR PROTECTION

It takes 3 minutes before it starts when the unit is turned off, it can not be restarted before 3 minutes have elapsed since the previous stop.

AUTOMATIC DEFROSTING

When it works in heating, there is a risk that the ice will form on the battery: in this case the air conditioner stop working, to melt the ice and then starts again.

CARE AND MAINTENANCE

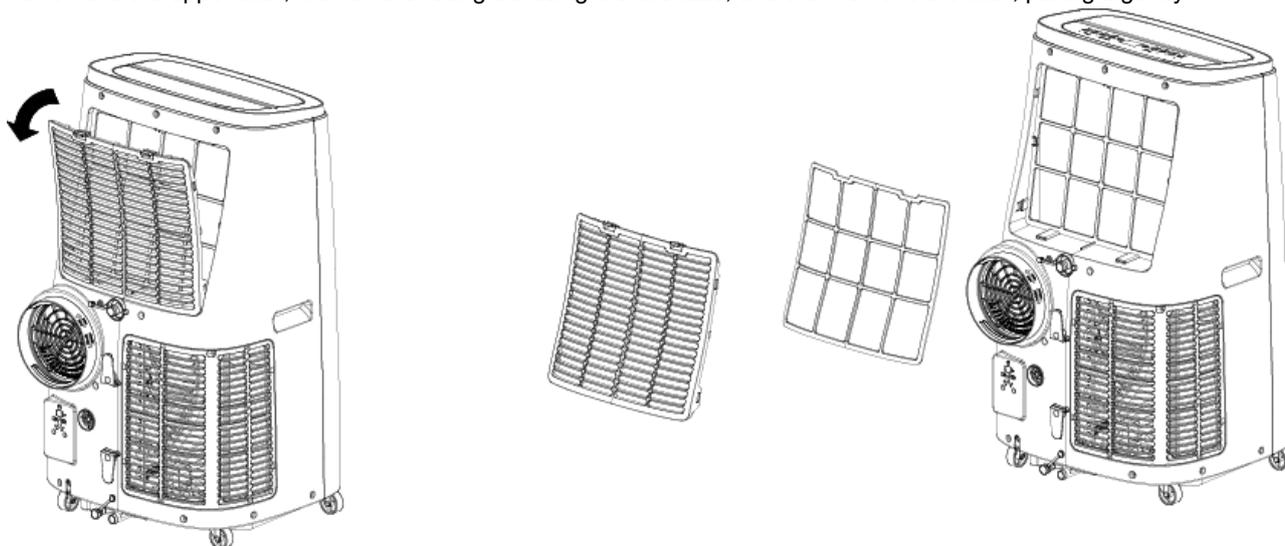
WARNING!

Prior to carrying out any cleaning or maintenance, unplug the unit from the power socket.

1. Cleaning the air filters

The air filter must be checked at least once every two weeks of operation. Operating with dirty or clogged filters will decrease the effectiveness of the air conditioner and can cause serious problems.

To remove the upper filter, unhook the rear grille using the two tabs, and then remove the filter, pulling it gently.



Use a vacuum cleaner to remove any dust from the upper filter removed. Should this not be sufficient, wash the filter with lukewarm water and neutral detergent (if necessary), rinse it with cold water then leave it to dry naturally before putting it back in place. After putting the filter back in place, close the grille and resume use of the air conditioner.

ATTENTION

The lower filter grid is blocked by a screw and the filter can only be cleaned from the outside, using a vacuum cleaner.

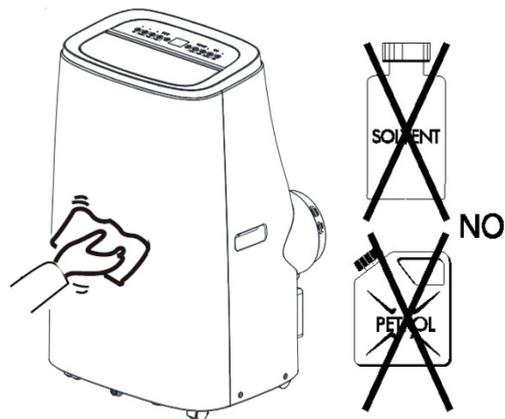
2. Cleaning the casing.

Use a soft damp cloth to clean the outer surface of the air conditioner.

Do not use excessively hot water, solvents, petrol or other aggressive chemical compounds, talcum powder and brushes: they may damage the surface or colour of the casing.

Remove any stains using warm water with a little neutral detergent.

Do not pour water onto the air conditioner to clean it: this may damage the internal components or cause a short circuit.



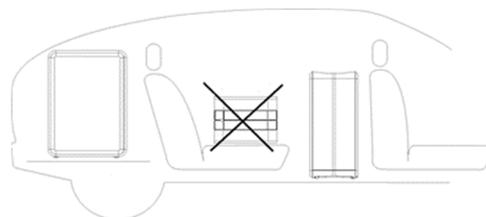
3. Storage.

When you do not envisage using the air conditioner for a long time, clean the filters before storing it away. Keep the appliance in a vertical position at all times. Do not place any heavy objects on the top and, if possible, protect the air conditioner with a plastic sheet.

4. Transport.

Preferably keep the air conditioner in the vertical position when transporting it.

Should this not be possible, rest it on its right-hand side; when it reaches its destination, immediately put the appliance in the vertical position and wait at least 4 hours before using it in the cooling mode.



5. For complete safety, regularly check the condition of the power cord; should it be damaged through use, contact the Service Centre to replace it.

TIPS FOR MAXIMISING COMFORT AND MINIMISING CONSUMPTION

CHECK that:

- the unit's extraction and delivery grilles are always unobstructed;
- the air filters are always clean: a dirty filter will decrease the passage of air and thus reduce the unit performance;
- the doors and windows are closed, to avoid infiltration of unconditioned air;
- the flexible hose is correctly positioned, without folds or sharp bends;
- the room temperature is above 18 °C for the cooling mode, and above 10 °C for dehumidification mode.

REGULATION (EU) No. 517/2014 – F-GAS

IRO

The unit contains R290, a natural greenhouse gas with global warming potential (GWP) = 3 - Kg. 0.22 = 0.00066 Tons CO₂ equiv.

Do not release R290 into the atmosphere.

IRO PLUS

The unit contains R290, a natural greenhouse gas with global warming potential (GWP) = 3 - Kg. 0.23 = 0.00069 Tons CO₂ equiv.

Do not release R290 into the atmosphere.



INFORMAZIONE PER IL CORRETTO SMALTIMENTO DEL PRODOTTO ai sensi dell'art. 26 D.Lgs 14/03/14, no. 49 "ATTUAZIONE DELLA DIRETTIVA EUROPEA 2012/19/UE SUI RIFIUTI DA APPARECCHIATURE ELETTRICHE ED ELETTRONICHE"

Alla fine della sua vita utile questo apparecchio non deve essere smaltito insieme ai rifiuti domestici. Richiamiamo l'importante ruolo del consumatore nel contribuire al riutilizzo, al riciclaggio e ad altre forme di recupero di tali rifiuti.

L'apparecchio deve essere consegnato in modo differenziato presso appositi centri di raccolta comunali oppure gratuitamente presso i rivenditori, all'atto dell'acquisto di una nuova apparecchiatura di tipo equivalente.

Per prodotti di dimensione esterna inferiore a 25 cm tale servizio di ritiro gratuito del rifiuto deve essere obbligatoriamente fornito gratuitamente dai rivenditori di grandi dimensioni (superficie di vendita di almeno 400m²) anche nel caso in cui non venga acquistata alcuna apparecchiatura equivalente.

Smaltire separatamente un apparecchio elettrico ed elettronico consente di evitare possibili effetti negativi sull'ambiente e sulla salute umana derivanti da uno smaltimento inadeguato e permette di recuperare e riciclare i materiali di cui è composto, con importanti risparmi di energia e risorse.

Per sottolineare l'obbligo di smaltire separatamente queste apparecchiature, sul prodotto è riportato il simbolo del cassetto barrato.



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