

Mono block heat pump

# GHIBLI PDC



DETRAZIONE  
FISCALE



ENERGIA  
RINNOVABILE



GAS  
ECOLOGICO



ALTA  
EFFICIENZA



RISPARMIO  
ENERGETICO



INSTALLAZIONE  
FACILE



FUNZIONE  
A BASSA  
TEMPERATURA



VENTILAZIONE  
SILENZIOSA



AUTORESTART  
DI SERIE



DIMENSIONI  
COMPATTE

**A2B** <sup>®</sup> **ACCORRONI** <sup>®</sup>  
**E. G.**  
*Climate Technology*



Carefully read the warnings and correctly carry out the procedures



## CAUTION !

**Don't try to install the conditioner alone;  
always contact specialized personnel.**

- **If there is a power failure, the conditioner switches off: when the power returns, the air conditioner will restart automatically.**
- **In case of default or bad working always contact authorized and specialized staff;**  
removing parts or the maintenance of the appliance could expose the user to danger due to electric shock. The conditioner doesn't have parts whose maintenance can be carried out by the user.
- **In case of removal contact authorized personnel for the dismantling and the new installation.**
- **Never insert your fingers or various objects in the outlets of the air flow and in the intake grills.** There is a fan inside the device that turns at high speed and could cause serious personal injuries. Particular care with children.
- **Never remain directly exposed to the flow of cold air for a long time.**  
The direct and prolonged exposition to cold air could be dangerous for your health.  
Particular care should be taken in the rooms where there are children, old or sick people.
- **In case of bad working of the conditioner (i.e. smell of burnt) immediately stop it, unhook the automatic switch and contact authorized skilled staff.**  
The prolonged use of the device in such conditions could cause fire or electrocution.

## WARNINGS !

- **During the installation of the indoor and outdoor units the access to the working area should be forbidden to children.**  
Unforeseeable accidents could happen.
- **Never block or cover the intake grill and the outlet grill of the air flow.**  
The obstruction of these openings causes a reduction in the operative efficiency of the conditioner with possible consequent failures or damages.
- **Never use the conditioner to conserve food, plants, precision devices, works of art.**  
The quality of the conserved objects could be deteriorated.
- **Never expose animals or plants to the direct air flow.**  
A long direct exposition to the flow of cold air of the conditioner could have negative effects on plants and animals.
- **Never direct the air flow of the conditioner toward fireplaces or other heating devices.**  
A direct air flow toward the fire could provoke an incorrect combustion and cause fires.
- **During the use of the device, ventilate the room every now and then.**  
An insufficient ventilation could be the origin of lack of oxygen in the room.
- **Don't put the conditioner in contact with water.**  
The electrical insulation could be damaged and thus causing electrocution.
- **Check the installation conditions to find out possible damages.**  
After a prolonged use ask the specialized staff to control the installation conditions of the conditioner.
- **Never use inflammable gases near the conditioner.**
- **Always use the appliance with the air filter mounted.**  
The use of the conditioner without air filter could cause an excessive accumulation of dust or waste on the inner parts of the device with possible subsequent failures.
- **Unhook the automatic switch if you foresee not to use the device for a long time.**
- The technical data reported on the air-conditioner are calculated under the nominal conditions specified in the standards. The operation under different temperature, humidity and supply voltage conditions can change considerably the performance and absorption.

# Floor-standing Model 9000 -11000 - 13000 BTU/h

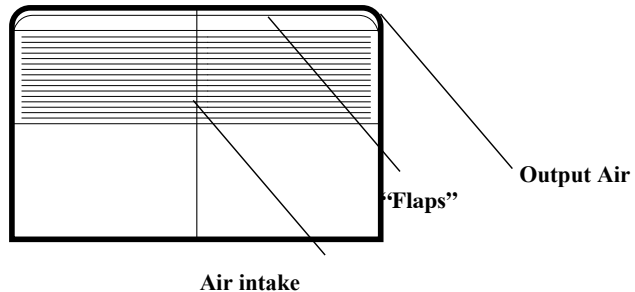
GB

## FLOOR-STANDING MODEL

The air conditioner is composed of only one unit, which contains heat exchange and compressor.

That unit should be installed in or against the wall.

## FLOOR-STANDING MODEL



## REMOTE CONTROL

The remote control has been designed for an easy and fast use;



## DISPLAY

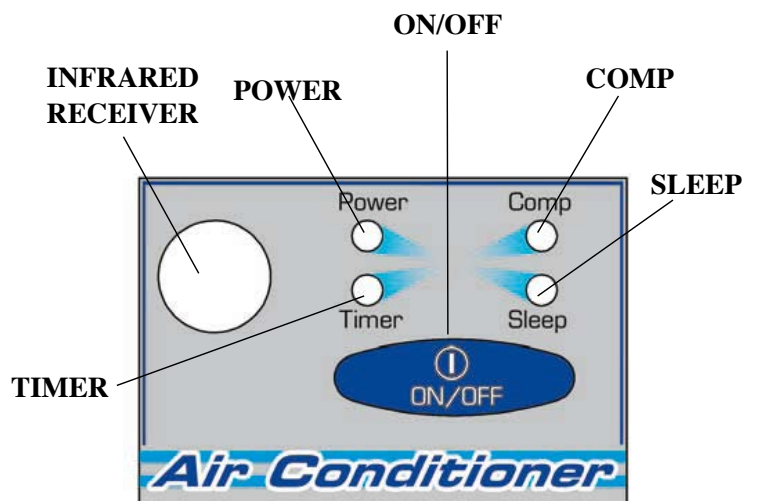
**ON/OFF:** Push button for switching unit **ON** and **OFF** in automatic mode.

**Led POWER:** It indicates that unit is **ON**.

**Led SLEEP:** It indicates that **SLEEP MODE** is activated.

**Led TIMER:** It indicates that **TIMER** function has been set.

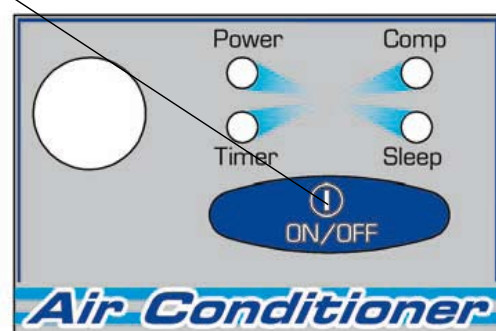
**Led COMP:** It indicates that compressor is working.



## EMERGENCY FUNCTION

## EMERGENCY FUNCTION

**ON/OFF:** Push this key to switch air conditioner on in automatic mode (use this key if the remote controller does not work). See **paragraph 2.1** for automatic mode specification.



# 1 REMOTE CONTROL – PUSHBUTTONS AND MAIN FUNCTIONS

## USE OF THE REMOTE CONTROL

1. Direct the remote control toward the conditioner.
2. Check that there are no objects between the remote control and the receiver on the conditioner.
3. Never leave the remote control exposed to the rays of the sun.



It is used to switch the conditioner on and off.

### MODE

When this button is pressed, the operating modes are selected, following the order given below:

FAN (FAN)  
 COOL (COOLING)  
 DRY (DEHUMIDIFY)  
 HEAT (HEATING)  
 COOL-HEAT (AUTOMATIC OPERATION)



Used to set the required temperature between 18° and 30° C.  
 The temperature is increased or decreased by pressing ▲ or ▼ respectively.



This is used to select the fan speed, following the order given below:  
**AUTO** (automatic)  
**HIGH** (high speed)  
**MED** (medium speed)  
**LOW** (low speed)

### LOUVER

This adjusts the “**LOUVER**” in order to point the air flow in the ideal direction.

### SLEEP

This activates the “**SLEEP**” function.  
 This function automatically alters the temperature in order to provide maximum comfort during the night-time hours and save energy.

### SWEEP

This activates or deactivates the movement of the “**LOUVER**”.



This is used to select the current time

### HOUR

This increases the hours displayed.

### MIN

This increases the minutes displayed.

### START

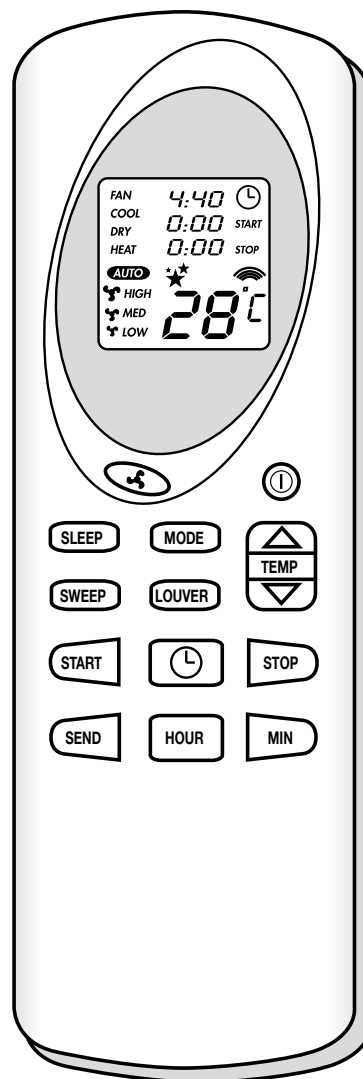
This sets timed switching on.

### STOP

This sets timed switching off.

### SEND

This confirms the settings to the air conditioner.



**N.B.**The unit confirms the correct reception of each pushbutton with a beep.

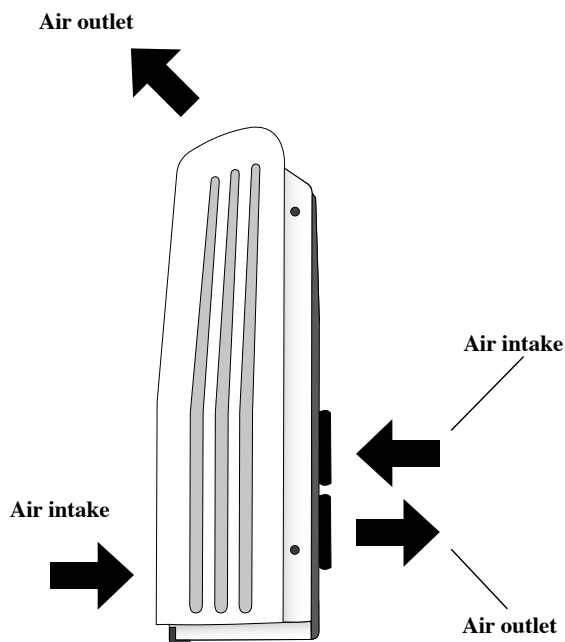
## 2 WORKING MODE

The conditioner is designed to create the ideal climatic conditions for the wellbeing of the people in the room.

It is able to cool and dehumidify (and heat in the models with heat pump) the air in a completely automatic way.

The air sucked by the fan enters from the grill of the front panel and passes through the filter, which keeps the dust. Then it is conveyed between the flaps of a "heat exchanger" and cooled and dehumidified or heated through a flapped coil.

The heat removed from the room is drained outside. When the cycle is finished the fan gives back the fresh air in the room; the outlet direction of the air is regulated by the flaps, which are motorized up and down, and by the vertical deflectors (right and left), manually moved.



### 2.1 COOL-HEAT: SYSTEM OF AUTOMATIC ADJUSTMENT

Press pushbutton **MODE**.

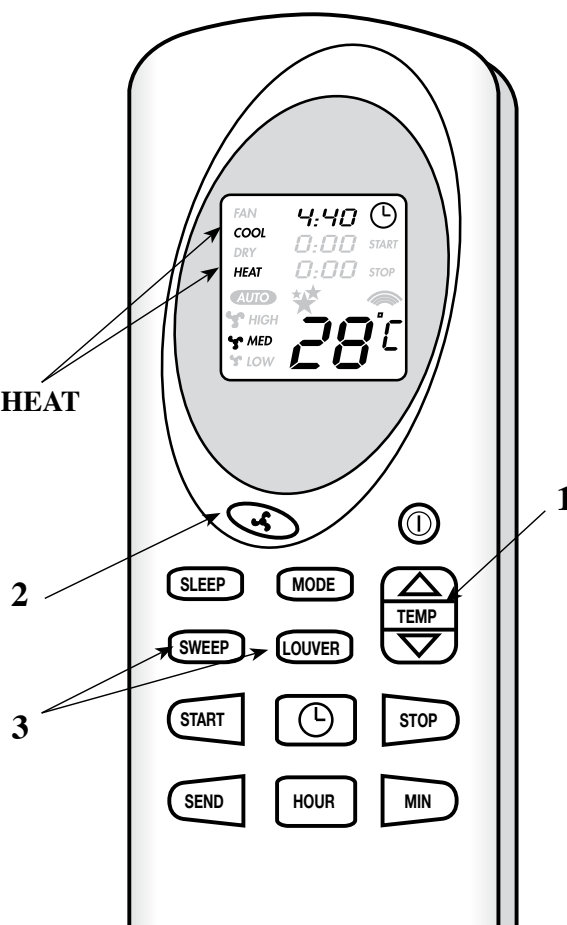
In the **COOL-HEAT** working the electronic control automatically selects the working mode as to the room temperature (taken by the probe which is incorporated in the unit):

- If room temperature decreases under set value, heat mode starts;
- If room temperature increases above set value, cooling mode starts.

The **COOL-HEAT** mode can be activated also selecting the pushbutton placed inside the front panel of the indoor unit.

COOL-HEAT

To optimize the working of the conditioner, adjust the temperature (1), the speed (2) (see chapter 2.6) and the direction of the air flow (3) by pressing the pushbuttons indicated in the figure.



**The device can automatically select the ideal temperature as to the user's desire.**

## 2.2 “COOL” COOLING

When the **MODE** button is pressed and “COOL”; is selected, the air conditioner cools the room and at the same time reduces the humidity in the air.

To start the cooling cycle set a temperature which is lower than the room temperature using the “TEMP” buttons ▲ or ▼.

For example: if there is a temperature of 28°C in the room, a temperature lower than 27°C should be set in order for the compressor and cooling to start.

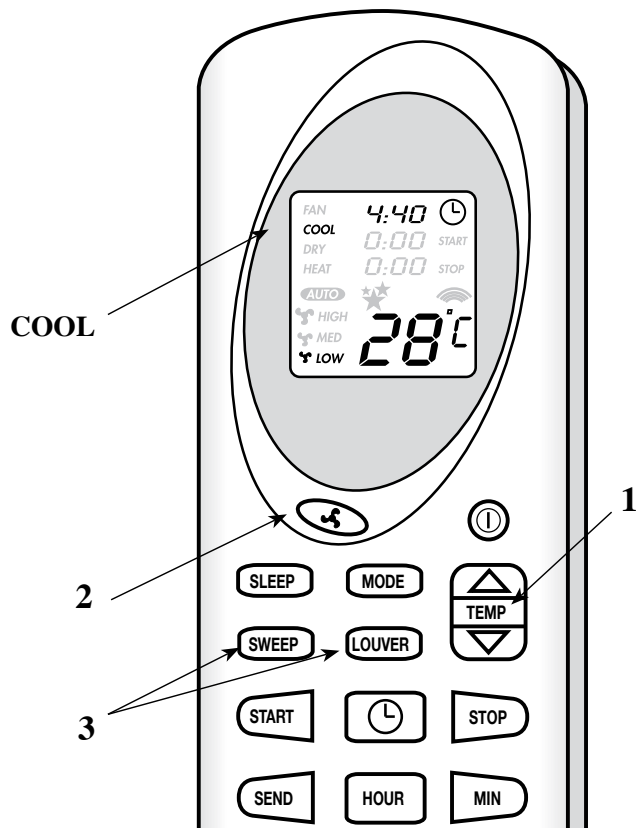
The appliance automatically adjusts the compressor operation cycles in order to keep the room at the temperature required.

When setting is finished, press the “SEND” button and listen for the acoustic signal to make sure that the appliance has received the command.

### Example:

If the room temperature is higher than 27°C, set a value between 24°C and 27°C on the remote control. Close curtains and windows to protect the room from the sun.

To optimize the functioning of the conditioner adjust the temperature (1), the speed (2) (see chapter 2,6) and the direction of the air flow (3) by pressing the keys indicated in the figure.



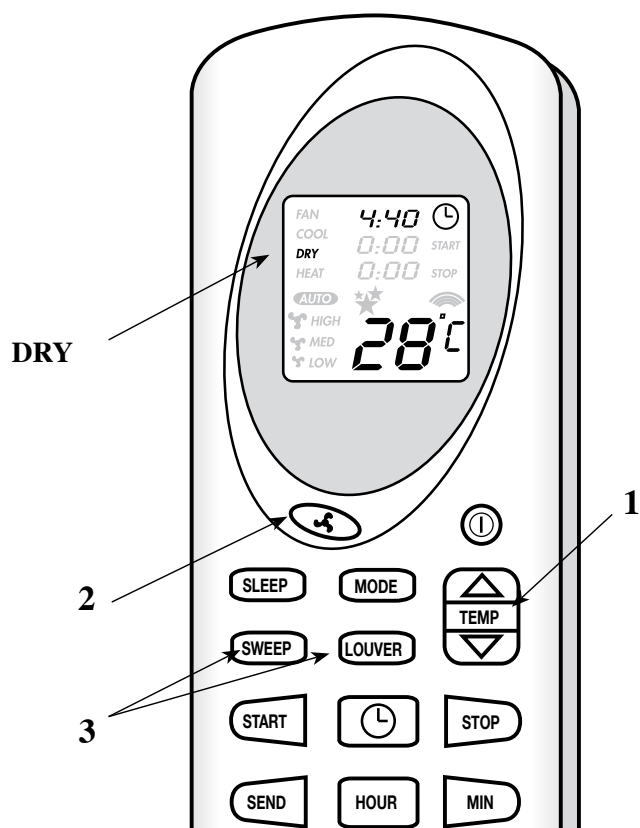
## 2.3 “DRY” DEHUMIDIFICATION

Press the **MODE** button and select “DRY”: this mode, consisting of alternate cooling and fan cycles, is used to dehumidify the air without excessively altering the room temperature.

Functioning is totally automatic: the appliance controls the fan speed by itself.


This function reduces the humidity of the air to make the room more comfortable.

To optimize the functioning of the conditioner adjust the temperature (1), the speed (2) (see chapter 2.6) and the direction of the air flow (3) by pressing the keys indicated in the figure.



## 2.4 “FAN” FAN

When the **MODE** button is pressed and “FAN”, mode is selected, the air conditioner will operate as an electrical fan without cool air.



To optimize the functioning of the conditioner adjust the speed  (see chapter 2,6) and the direction of the air flow (**SWEEP**) by pressing the keys indicated in the figure.

FAN



## 2.5 “HEAT” HEATING

When the **MODE** button is pressed and “HEAT” mode is selected, the air conditioner will heat the room using the economical “Heat Pump” function. In the “HEAT” mode the room is heated using the heat from the outside air at a low temperature.

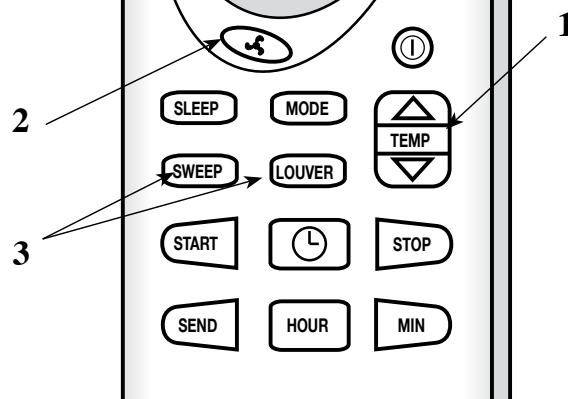
To start the heating cycle a temperature which is higher than the room temperature should be set using the “TEMP” buttons  or .

**CAUTION:** during the working with the heat pump the conditioner can automatically activate a defrost cycle, which is essential to free the condensing unit from an excessive deposit of frost.

### Examples:


- The room temperature is 18°C, if we set the heating at a temperature higher than 19°C, the compressor starts immediately.
- When the temperature is lower than 14°C, set a value between 16°C and 20°C on the remote control.




HEAT



To optimize the functioning of the conditioner adjust the temperature (1), the speed (2) (see chapter 2.6) and the direction of the air flow (3) by pressing the keys indicated in the figure.

## 2.6 ADJUSTMENT OF THE FAN SPEED

By pressing the key  you can chose the wished fan speed among:

“**AUTO** -  (LOW) -  (MID.) -  (HIGH)”.

The “**AUTO**” mode sets the automatic electronic control of the speed of the fan. The temperature is adjusted at an optimal level, in constant reference with the conditions of the room climate. The speed of the fan increases when a greater cooling or heating effect is required.



## 2.7 “SWEEP e LOUVER” AIR FLOW CONTROL

When the **LOUVER** button is pressed, the oscillating movement of the louver stops and the air flow is pointed in a single direction:

- It is possible to position the direction of the air in the optimal solution.

The **SWEEP** button activates the louver system and the air flow is pointed alternately upwards and downwards to obtain even distribution throughout the room.

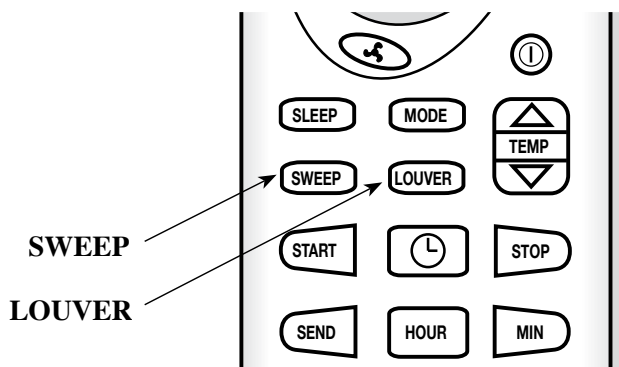
- The air flow in outlet is uniformly distributed in the room.

If **SWEEP** button is push again, the swing stops moving, the air conditioner air flow keeps running in a fixed direction:

- In cooling mode, set the flap upward;
- In heating mode, orient the flaps downward as the warm air always tends to rise upward.

Horizontal louvers can be adjusted manually. They are located under the flap swings, and can move the air flow towards right or left direction.

**Caution:** never position “Flaps”, manually, the delicate mechanism activating them could be seriously damaged!



**DANGER!**  
Never insert your hand or objects in the air outlet of the units!  
These units contains a fan that turns at high speed.

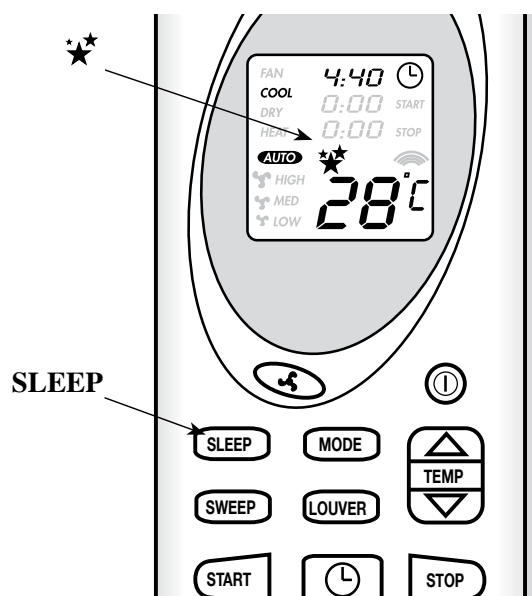
## 2.8 “SLEEP” FUNCTION

This mode is activated by pressing the **SLEEP** button.

The symbol will appear on the display ★★.

The “SLEEP” function automatically adapts the temperature to make the sleeping environment more comfortable during the night.

During the cooling or dry modes the set temperature is increased gradually by 1°C during the first hour of operation. During heating mode the set temperature is decreased gradually by 1°C during the first hour of operation. Timed switching off can also be set together with the “SLEEP” function.



## 2.9 TIMER

### TIMED SWITCHING OFF (fig. 1)

To set timed switching off, the appliance must be on or the timed switching on function should be set. Press the **STOP** button and the corresponding part of the display will start to flash: set the correct time for timed switching off using the **HOUR** and **MIN** buttons. Moreover is possible to set the next time switched on; press **START**, set the correct time using **HOUR** and **MIN** buttons.

Confirm the setting by pressing the **SEND** button and listen for the acoustic signal to make sure that the appliance has received the signal.

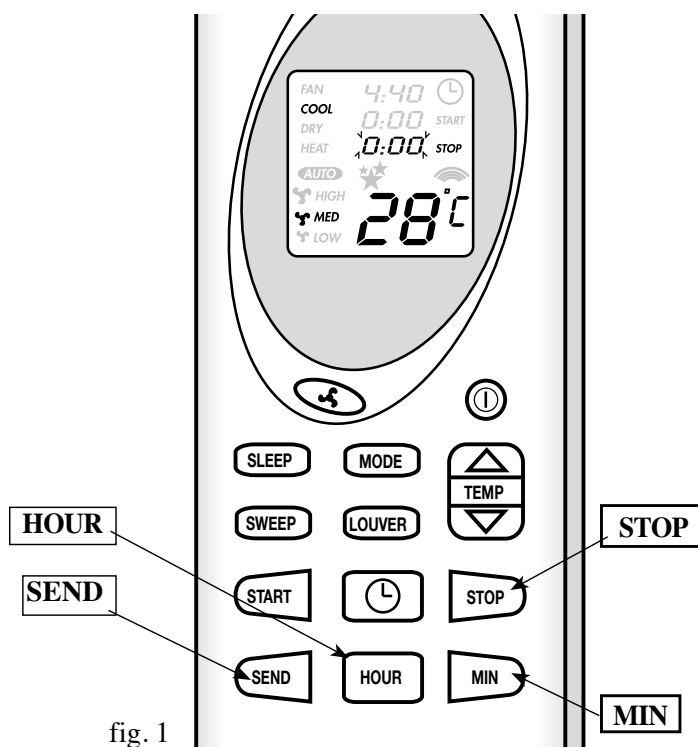


fig. 1

### TIMED SWITCHING ON (fig. 2)

To set timed switching on, the appliance must be off. Press the **START** button and the corresponding part of the display will start to flash: set the correct time for timed switching on using the **HOUR** and **MIN** buttons. Moreover is possible to set the next time switched off; press **STOP**, set the correct time using **HOUR** and **MIN** buttons.

Confirm the setting by pressing the **SEND** button and listen for the acoustic signal to make sure that the appliance has received the signal.

### IMPORTANT

Before proceeding with the timed start:

- Program the working mode with the key **MODE** and the fan speed with the key **FAN**.
- Switch the conditioner off (with the key **OFF**).

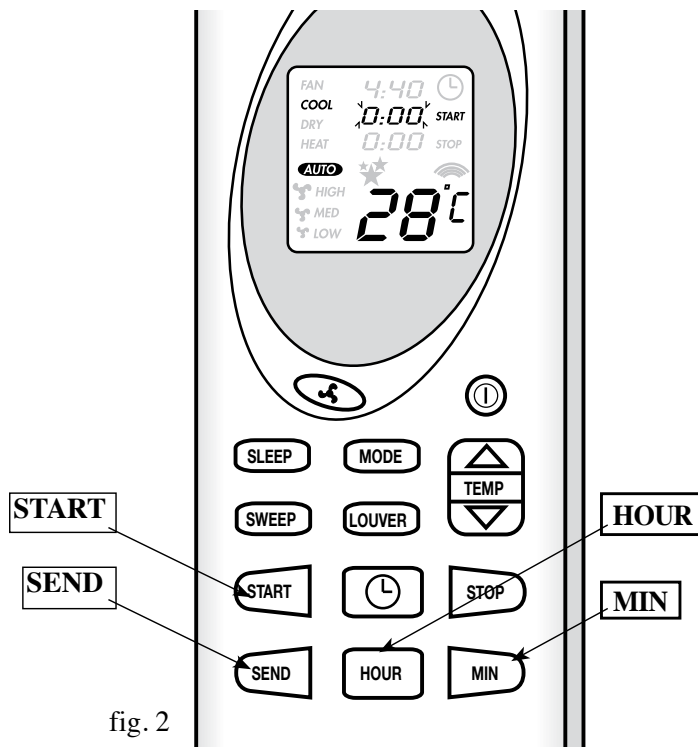


fig. 2

The function allows to automatically activate or deactivate the conditioner at the wished time and thus saving a lot of energy.

## 3 ADJUSTMENT OF CURRENT TIME

Press the **CLOCK** button and the corresponding part of the display will start to flash: set the current time using the **HOUR** (hour) and **MIN** (minute) buttons.

Once this operation has been completed, confirm the setting by pressing the **SEND** button and listen for the acoustic signal to make sure that the appliance has received the signal.

## 4 WARNINGS AND IMPORTANT SAFETY INFORMATION

**Never carry out maintenance which involves opening the machine: it could be dangerous due to the presence of live parts and the gas contained in the refrigerating circuit. Always contact a specialized Technical Service.**

- Connect the conditioner to a suitable electric line, which should be protected by a thermal-magnetic safety switch suited to the electrical input of the appliance.
- Never use the plug to stop the unit.
- It is sometimes possible during operation to hear a noise similar to running water; this effect is caused by the refrigerant flowing in the pipes and is quite normal.
- When the conditioner starts or stops, particularly in heating, it is possible to hear some creakings caused by the thermal expansion of the unit parts.

## 5 TRICKS TO SAVE ENERGY

- The use of the Timer is advised whenever you want to program the timed start in order to avoid the conditioner to work unnecessarily when you are out of the house.
- Never program a too high temperature in heating and a too low one in cooling.
- Try not to frequently open and close doors and windows; the continuous warmth exchange with the outside hinders the conditioner work.
- It is better not to install the units in places directly exposed to the sun.
- Use the function “SLEEP” during the night.

## 6 MAINTENANCE

**Before starting any cleaning disconnect the machine.**

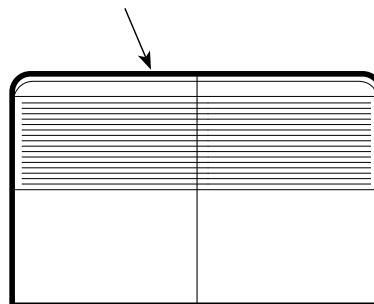
### 6.1 CLEANING OF THE FILTERS

**The cleaning of the filters is essential for a good efficiency of the conditioner.**

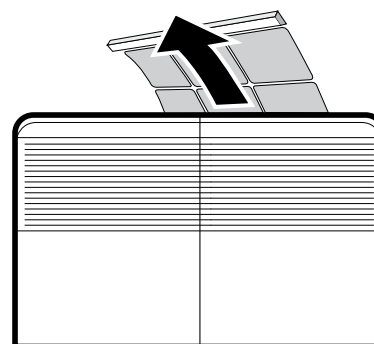
#### ANTIDUST FILTERS

- Take the filters off pulling the indicated points (**fig. 1** and **fig. 2**).
- Clean the filters with a vacuum cleaner or wash them with warm water and mild detergent.
- Make sure the filters are dry before replacing them back in the appliance.
- Do not expose the filters to sunlight.
- Never operate the air conditioner without the air filters.
- Clean the indoor unit using a cloth with lukewarm water (not higher than 40°C) and neutral soap. Never use aggressive solvents or detergents.

Antidust  
filter



**Fig. 1**



**Fig. 2**

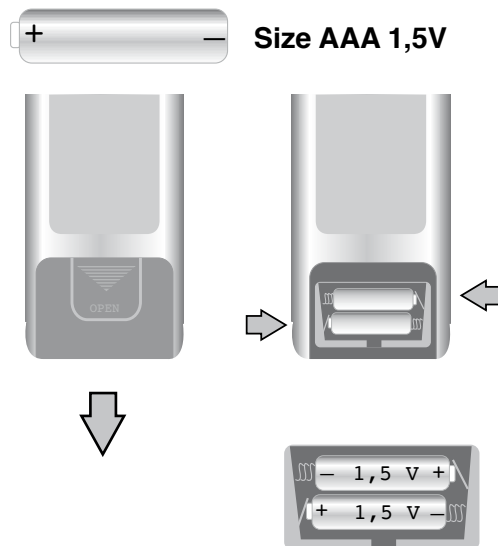
## 7 END OF SEASON MAINTENANCE

- Disconnect the automatic switch or the plug.
- Clean and replace the filters.
- On a sunny day let the conditioner work in ventilation for some hours, so that the inside of the unit dry completely.

## 8 REPLACING THE BATTERIES

- When:**
- There is no confirmation beep from the indoor unit.
  - The liquid crystal display doesn't activate.
- How:**
- Take off the small lid downward as from the drawing.
  - Place the new batteries respecting the symbols + and -.
- N.B.**
- Use only new batteries.
  - Remove the batteries from the remote control when the conditioner is not used.

**WARNING!** Do not throw flat batteries with common rubbish, they should be disposed of in the special containers situated in the collection points.



## 9 IF THE CONDITIONER DOESN'T WORK

1. If the conditioner doesn't work, control the voltage of the mains:

- Is the plug inserted properly?
- Has the automatic circuit-breaker intervened?
- Has there been a power failure?

**Note: if there is a power failure, the conditioner switches off: when the power returns, the air conditioner will restart automatically.**

2. If the cooling (or heating) effect seems less than normal:

- Has the temperature been correctly set on the control
- Has a door or a window been opened?
- Is the indoor unit directly exposed to the sunlight?
- Are the filters clogged?
- Are there obstacles hindering the free air circulation from the unit?

## 10 DISPLAY INDICATION

The unit display can show the alert codes:

- **POWER led blinks:** defrost procedure activated.
- **SLEEP led blinks:** outdoor fan speed control procedure activated.
- **TIMER led blinks:** sensor error.





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