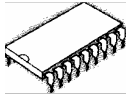


Operating Instructions for Split Type Air Conditioning

Firstline model FAC12407CH

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Functions



- **[Microprocessor Functions]**

All functions are controlled via the remote control which regulates the temperature and ambient humidity automatically .



- **[Fan Speeds]**

The ventilation speed of the internal unit is adjustable in four positions: Auto/ High/ Medium/ Low.



- **[Programming Start and Stop]**

The unit can be programmed to start and stop over any 24 hour period.



- **[Night mode for energy saving]**

This function can be used to control the ambient temperature automatically to give a comfortable environment while economising on energy.



- **[Silent Operation]**

The design of the unit has enabled the flow of air to pass through the units, only producing a minimum sound interference.



- **[Automatic Airflow Adjustment]**

The flow of air can be guided to reach each part of the room by selecting Automatic adjustment.

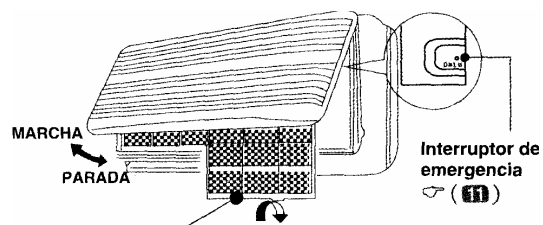
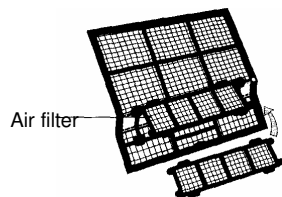
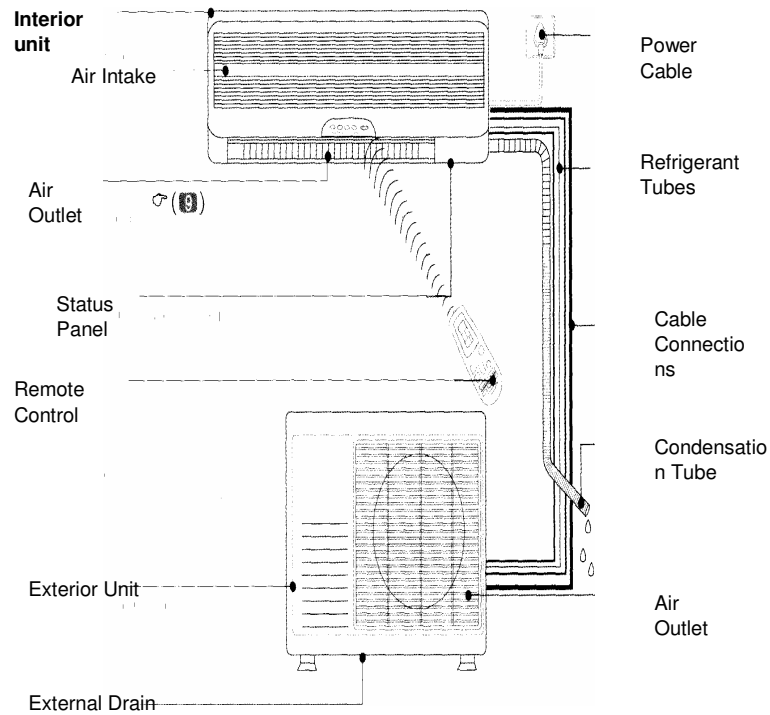


- **[Direct Access]**

Airflow can be directed and held at a specific angle if required

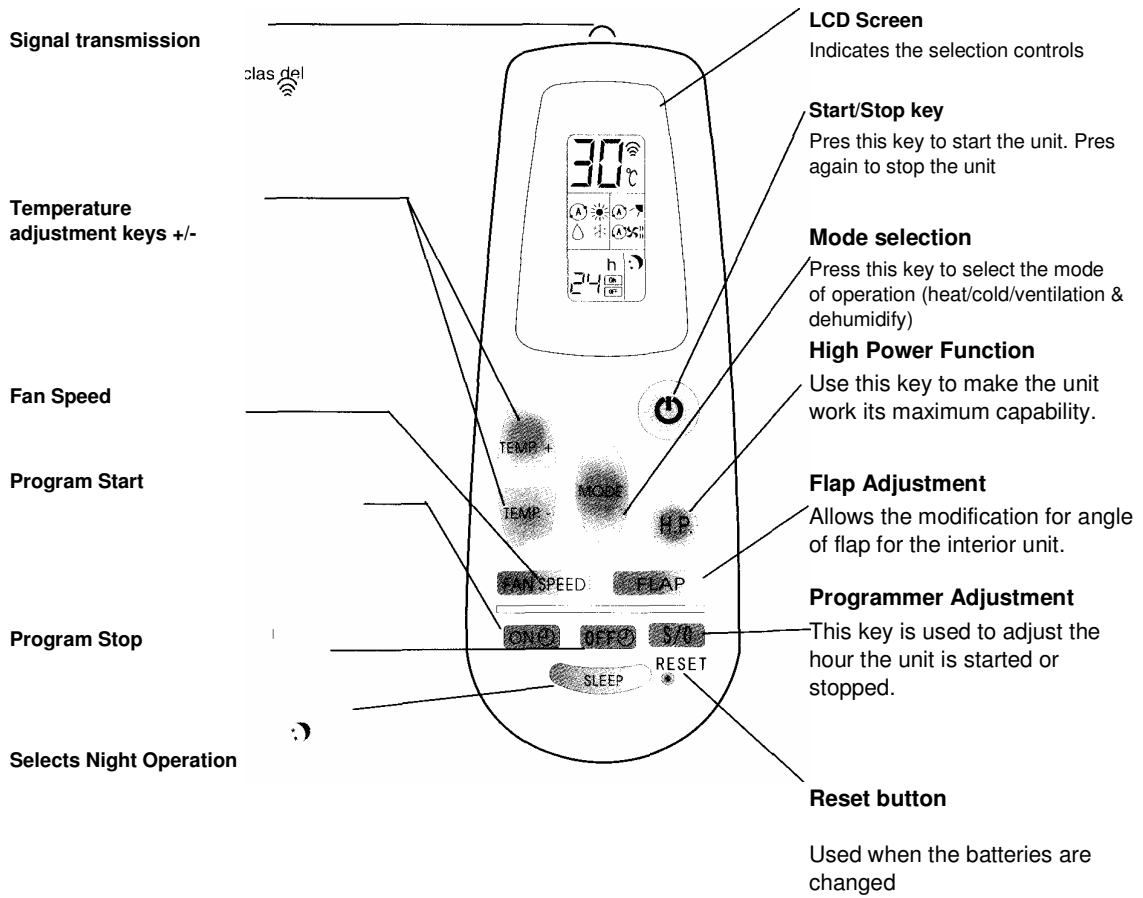
General Overview

This Air conditioning system is known as a 'split type' and consists of an internal and external unit controlled via a remote control

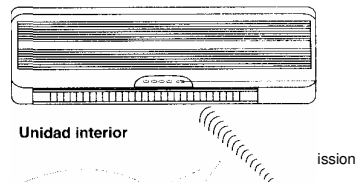


Remote Control Layout

Functions of the Remote Control



Preparatory Works



Make sure the batteries have been placed in the remote control. Point the remote control at the interior unit.

The remote control can be used up to a distance of 8m when pointing at the front panel of the internal unit.

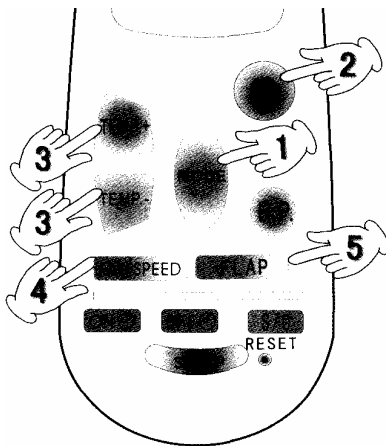
Precautions during the use of the remote control

- Never permit children to play with the remote control.
- The remote control should be used to switch on and off the unit rather than unplugging the unit.
- Avoid using radio equipment (e.g. mobile phones) in the vicinity of the interior unit as some radio signals could affect the control and settings.
- If there appears to be a problem with the remote control.
 - Turn off the unit either by remote control or disconnect the power supply at the plug.
 - Wait several minutes, reconnect the power and try the remote again.
 - Replace the batteries in the remote control.
- Remove the batteries from the remote control if you don't plan to use the unit for a long time.
- Avoid placing the unit in an environment subjected to strong magnetic forces.

Precautions in relation to the use of batteries

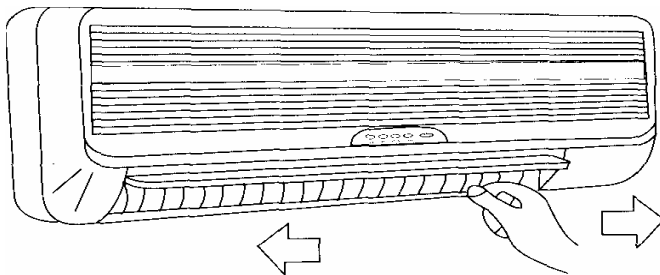
- The batteries should be placed in the remote control in relation to the polarity, make sure the terminals (+)/(-) correspond to the batteries.
- Never use batteries that show signs of leakage.
- Never mix batteries of type, age or different loads.
- Do not throw used batteries on a fire.
- Always keep batteries out of children's reach.
- Do not use rechargeable batteries.

Guide to using the Air Conditioning Unit and Remote Control.



1. Select the **MODE** you wish the unit to function. There four options available :- Normal fan, Dehumidification, Heating, Cooling.
2. Press the power switch to turn on the unit.
3. Press the **TEMP** keys to adjust the temperature required. Margin of adjustment is Min 16C - Max 30C.
4. The **FAN SPEED** has four settings :- Auto, High Speed, Half Speed and Low Speed.
5. The **FLAP** button can be used to control the angle of air distribution.

Adjusting the horizontal direction of airflow.



Air direction can be adjusted in two ways.

Horizontal Adjustment

Adjustment can be made manually by directing the fins left and right.

When in Cooling and Dehumidification mode, it is recommended to avoid extreme air direction Left and Right and/or Up and Down, as there is a risk of the unit forming condensation on the fins and dripping to the floor.

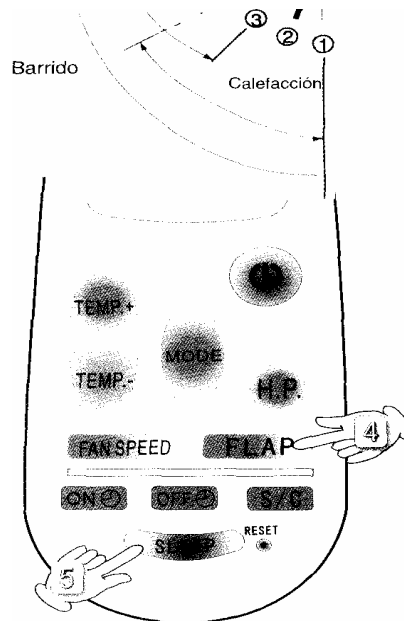
Adjusting the vertical direction of airflow.

Vertical Adjustment

Adjustment can be made automatically using the Remote Control **FLAP** button

Automatic adjustment can be selected to provide an even temperature within the whole room.

Alternatively, the air flow can be set to a specific direction



Night Time/Sleep selection

SLEEP mode is used to economise energy while still enjoying the benefits from the unit providing an ambient temperature necessary for a comfortable nights sleep.

Selecting HIGH POWER

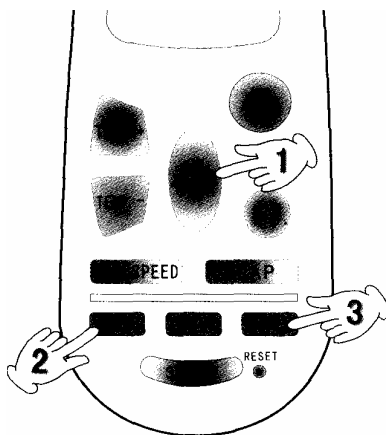
Selecting the **H.P.** button forces the unit to operate to its full potential, in heating, cooling or dehumidification. High Power can be selected for a maximum of 15 mins and then return to its normal operation. This is done to protect the unit.

To disable the **H.P.** function, press the button again. You may notice a noise difference in the tubes connecting the indoor and outdoor units.

Programming Start/Stop functions

The unit can be programmed to **start** and run for a specific duration **or** programmed to **wait** for a specified time before starting. The procedure for setting the **start and run** program.

Programming Start Function

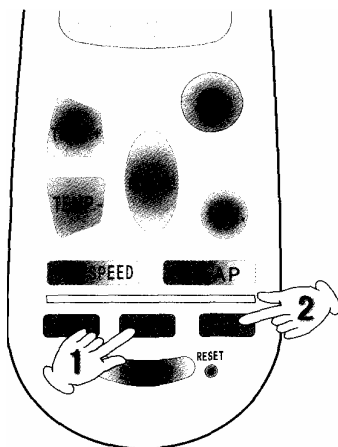


- Select the **MODE, TEMP, FAN SPEED & FLAP** required
- Press the **ON** button and the **ON** symbol should appear 'blinking' in the LCD screen.
- Starting from then, any further pressing of the key will increase the unit duration by one hour.
- Once required duration has been reached, press the key **S/C** key and the **ON** symbol should stop 'blinking'.
- The unit should run for the specified time.

To Cancel the programming

Press the **S/C** key. The **ON** symbol should disappear from the LCD screen.

Programming wait function



The procedure for setting the wait and then run function.

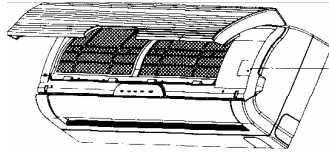
- Select the **MODE, TEMP, FAN SPEED & FLAP** as required.
- Press the **OFF** button and the **OFF** symbol should appear 'blinking' in the LCD screen.
- Starting from then, any further pressing of the key will increase the unit **wait** duration by one hour.
- Once required wait duration has been reached, press the key **S/C** key and the **OFF** symbol should stop 'blinking'.
- The unit should run after the specified wait time has been reached.

To Cancel the programming

Press the **S/C** key. The **OFF** symbol should disappear from the LCD screen.

Operation of Unit without Remote Control

A manual switch has been included in the unit in case problems are encountered with the remote control. In normal cases the remote control should always be used. However, if the remote has been lost or can not be used for some reason then the units can be started or stopped using the following steps.



To open the inside unit

Open the grill and the emergency switch can be found inside. The unit will adjust to the most appropriate function given the ambient temperature of the environment.

To stop the unit, press the ON/OFF switch and the unit should stop immediately. Try to use the ON/OFF switch sparingly as its designed only to be used in emergencies

Cleaning and Maintenance

Cleaning the main body of the unit

Clean the interior unit and grill using a vacuum cleaner and soft clean cloth. Stains can be removed by using soft liquid detergent. Take care not to damage any of the elements and don't let any liquid detergent or water to penetrate into the unit or damage or electrocution could occur.

Be careful cleaning metallic parts as these can be sharp, especially the fins.

Only consider leaning the outside of the unit. The cleaning of all internal parts should be trusted to a professional.

Cleaning the Air Filter

During the seasons in which the unit is used frequently, the air filter located behind the grill should be cleaned every fifteen days or the unit may not run efficiently.

The procedure for cleaning is :-

Open the grill and remove the filters by pushing up slightly, lift out and then down.

Use a vacuum cleaner to remove any accumulations of fine dust.

If the filters are very dirty, wash them with lukewarm soapy water and dry them with a soft cloth.

Replace the filters by reversing the procedure of removal.

Replacing the Air filters

When the unit is used frequently, the air filters may need to be replaced to ensure optimum efficiency.

Use the same procedure as above, replace the filters (available at Carrefour).

General Observations

Cooling	The operational temperature of this unit is between 16°C and 30°C The interior fan will always continue rotating even if the desired temperature has been reached and the condenser unit has stopped.
Heating	The unit is designed to provide heat in winter by extracting heat from the external air. In extremes of outside temperature this potential may be reduced.
Expansion/ Contraction	During Heating or Cooling, some plastic pieces could expand or contract due to the variation on temperature. This phenomenon is normal and disappears after some instants.

Problem Description

Possible cause

Solution

The Air Con unit doesn't work at all.	<ol style="list-style-type: none"> 1. No Power to the unit 2. Voltage too low 3. Switch has been set to off 4. Batteries in Remote Control 	<ol style="list-style-type: none"> 1. Reestablish power 2. Contact Electrician 3. Switch On 4. Replace Batteries
The Compressor works but very frequent	Something in front of the external unit	Remove the obstacle
Incorrect Heat/ Cooling/ Humidity	<ol style="list-style-type: none"> 1. Air filter dirty or obstructed. 2. Presence of source of heat or too many people in the room. 3. Doors or Windows open. 4. Obstacle in the vicinity of air inlet/outlet. 5. The Thermostat is adjusted 	<ol style="list-style-type: none"> 1. Clean the filter to improve circulation. 2. Eliminate the source of heat 3. Close them to impede flow of heat/cold
Noises inside the unit can be heard.	During Heating and Cooling some plastic pieces can expand and contract due to the abrupt variation in temperature.	This is normal and should disappear in a short while.
The interior fan does not work	<ol style="list-style-type: none"> 1. Remote Control too far away from unit. 2. The operation of heating has just begun 	<ol style="list-style-type: none"> 1. Reduce the distance or point at the unit 2. This is normal at the start of a heating cycle to prevent cold air being blown in from outside.