COMFORTPUMPEN

SPLIT TYPE AIR CONDITIONER
INSTRUCTION MANUAL

This instruction manual contains important information and recommendations that we would ask you to comply with to obtain best results from air conditioner.

Thank you once again.

NAME OF PARTS

Indoor Display

No.	LED	Function
1	🯆🯆	Indicator for Timer, temperature and Error codes.
2	⏱	Lights up during Timer operation.
3	🌙	SLEEP mode

⚠ The shape and position of switches and indicators may be different according to the model, but their function is the same.

OPERATION INSTRUCTIONS

❶ Attempt to use the air conditioner under the temperature beyond the specified range may cause the air conditioner protection device to start and the air conditioner may fail to operate. Therefore, try to use the air conditioner in the following temperature conditions.

Inverter air conditioner:

MODE Temperature	Heating	Cooling	Dry
Room temperature	0°C~30°C	17°C~32°C	
Outdoor temperature	-20°C~30°C	-15°C~53°C	

With the power supply connected, restart the air conditioner after shutdown, or switch it to other mode during operation, and the air conditioner protection device will start. The compressor will resume operation after 3 minutes.

❶ **Characteristics of heating operation (applicable to Heating pump)**
Preheating:
When the heating function is enabled, the indoor unit will take 2~5 minutes for preheating, after that the air conditioner will start heating and blows warm air.
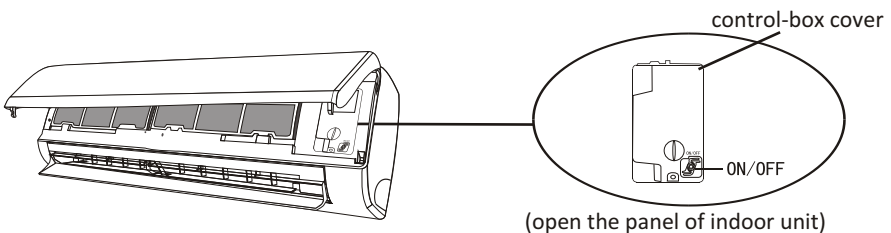**Defrosting:**
During heating, when the outdoor unit frosted, the air conditioner will enable the automatic defrosting function to improve the heating effect. During defrosting, the indoor and outdoor fans stop running. The air conditioner will resume heating automatically after defrosting finish.
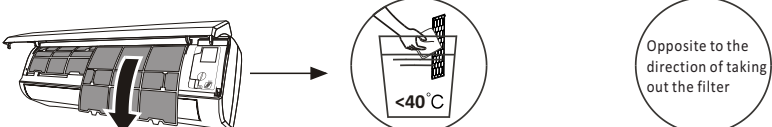
❶ **Emergency button:**
Open the panel and find the emergency button on the electronic control box when the remote controller fails . (Always press the emergency button with insulation material.)

Current status	Operation	Respond	Enter mode
Standby	Press the emergency button once	It beeps briefly once.	Cooling mode
Standby (Only for heating pump)	Press the emergency button twice in 3 seconds	It beeps briefly twice.	Heating mode
Running	Press the emergency button once	It keeps beeping for a while	Off mode

control-box cover

ON/OFF

(open the panel of indoor unit)

MAINTENANCE

⚠️ **Warning**	• When cleaning, you must shut down the machine and cut off the power supply for more than 5 minutes. • Under no circumstances should the air conditioner be flushed with water. • Volatile liquid (e.g. thinner or gasoline) will damage the air conditioner, so only use soft dry cloth or wet cloth dipped with neutral detergent to clean the air conditioner. • Pay attention to cleaning the filter screen regularly to avoid dust covering which will affect the filter screen effect. When the operating environment is dusty, the cleaning frequency should be increased appropriately. • After removing the filter screen, do not touch the fins of the indoor unit to avoid scratching.
Clean the unit	 Wring it dry Gentle wipe the unit surface Tip: Wipe frequently to keep air conditioner clean and good appearance .
Clean the filter	 Take out the filter Clean the filter with Replace the filter from the unit soapy water and air dry it Opposite to the direction of taking out the filter Tip: When you find accumulated dust in the filter, please clean the filter in time to ensure the clean, healthy and efficient operation inside the air conditioner.
Service and maintenance	• When the air conditioner is not in use for a long time, do the following work: Take out the batteries of the remote controller and disconnect the power supply of the air conditioner. • When starting to use after long-term shutdown: 1. Clean the unit and filter screen; 2. Check whether there are obstacles at the air inlet and outlet of indoor and outdoor units; 3. Check whether the drain pipe is unobstructed; Install the batteries of the remote controller and check whether the power is on.

TROUBLESHOOTING

MALFUNCTION	POSSIBLE CAUSES
The appliance does not operate	Power failure/plug pulled out.
	Damaged indoor/outdoor unit fan motor.
	Faulty compressor thermomagnetic circuit breaker.
	Faulty protective device or fuses.
	Loose connections or plug pulled out.
	It sometimes stops operating to protect the appliance.
	Voltage higher or lower than the voltage range.
	Active TIMER-ON function.
	Damaged electronic control board.
Strange odor	Dirty air filter.
Noise of running water	Back flow of liquid in the refrigerant circulation.
A fine mist comes from the air outlet	This occurs when the air in the room becomes very cold, for example in the "COOLING" or "DEHUMIDIFYING/DRY" modes.
A strange noise can be heard	This noise is made by the expansion or contraction of the front panel due to variations in temperature and does not indicate a problem.
Insufficient airflow, eitherhot or cold	Unsuitable temperature setting.
	Obstructed air conditioner intakes and outlets.
	Dirty air filter.
	Fan speed set at minimum.
	Other sources of heat in the room.
	No refrigerant.
The appliance does not respond to commands	Remote control is not close enough to indoor unit.
	The batteries of remote control need to be replaced.
	Obstacles between remote control and signal receiver in indoor unit.
The display is off	Active DISPLAY function.
	Power failure.
Switch off the air conditioner immediately and cut off the power supply in the event of:	Strange noises during operation.
	Faulty electronic control board.
	Faulty fuses or switches.
	Spraying water or objects inside the appliance.
	Overheated cables or plugs.
	Very strong smells coming from the appliance.

TROUBLESHOOTING

ERROR CODE ON THE DISPLAY

In case of error, the display on the indoor unit shown the following error codes:

Display	Description of the trouble
E1	Indoor room temperature sensor fault
E2	Indoor pipe temperature sensor fault
E3	Outdoor pipe temperature sensor fault
E4	Refrigerant system leakage or fault
E6	Malfunction of indoor fan motor
E7	Outdoor ambient temperature sensor fault
E0	Indoor and outdoor communication fault
E8	Outdoor discharge temperature sensor fault
E9	Outdoor IPM module fault
EA	Outdoor current detect fault
EE	Outdoor PCB EEPROM fault
EF	Outdoor fan motor fault
EH	Outdoor suction temperature sensor fault

DISPOSAL GUIDELINE (European)

This appliance contains refrigerant and other potentially hazardous materials. When disposing of this appliance, the law requires special collection and treatment. **DO NOT** dispose of this product as household waste or unsorted municipal waste.

When disposing of this appliance, you have the following options:
 • Dispose of the appliance at designated municipal electronic waste collection facility.
 • When buying a new appliance, the retailer will take back the old appliance free of charge.
 • The manufacturer will also take back the old appliance free of charge.
 • Sell the appliance to certifid scrap metal dealers.
 • Disposing of this appliance in the forest or other natural surroundings
   endangers your health and is bad for the environment. Hazardous
   substances may leak into the ground water and enter the food chain.

AIR CONDITIONER
REMOTE CONTROLLER ILLUSTRATION

Thank you very much for purchasing our air conditioner. Please read this operation manual carefully before using your air conditioner. Make sure to save this manual for future reference.

REMOTE CONTROLLER

No.	Button	Function
1	⏻	To turn on or off the air conditioner .
2	OPTION	To activate or deactivate optional function(Check below table).
3	⌄	To decrease temperature, time setting or choose the function.
4	⌃	To increase temperature , time setting or choose the function.
5	ECO	To activate / deactivate the ECO function which enables the unit automatically to sets the operation to achieve energy savings.
6	TURBO	Press this button to activate/deactivate the Super function which enables the unit to reach the preset temperature in the shortest time.
7	MODE	To select the mode of operation(AUTO COOL DRY FAN HEAT)
8	FAN	To select the fan speed of auto/mute/low/mid/mid/high/high/turbo , cycle as below
9	🎚	To activate/deactivate the swing of horizontal flap(up/down).
10	🎋	To activate/deactivate the swing of vertical flap(left/right).

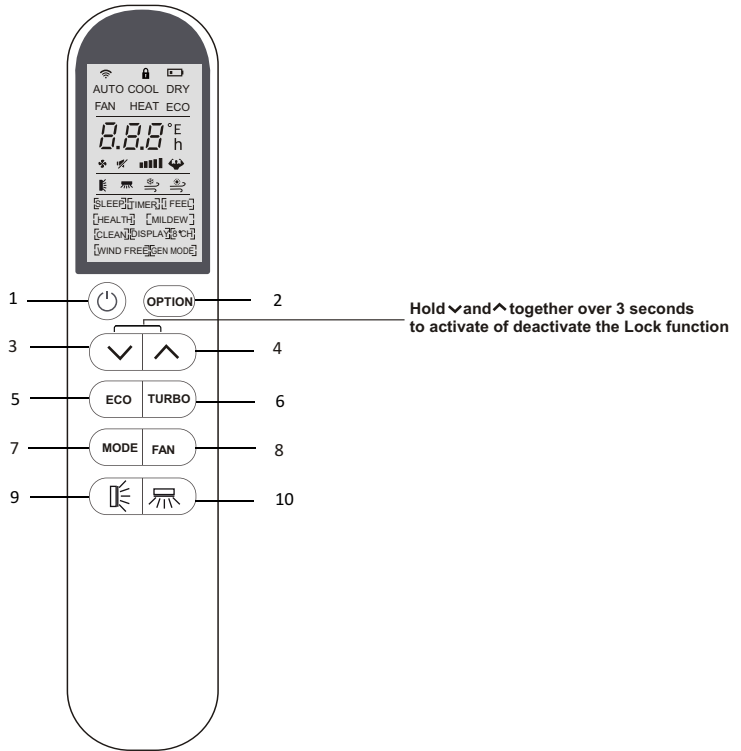| ON/OFF	Mode	OPTIONS
ON	AUTO	TIMER DISPLAY HEALTH I FEEL 8°C H
	COOL	TIMER DISPLAY HEALTH SLEEP MILDEW I FEEL 8°C H
	DRY	TIMER DISPLAY HEALTH MILDEW I FEEL 8°C H
	FAN	TIMER DISPLAY HEALTH I FEEL 8°C H
	HEAT	TIMER DISPLAY HEALTH SLEEP I FEEL 8°C H
OFF	AUTO	CLEAN TIMER DISPLAY HEALTH I FEEL 8°C H
	COOL	CLEAN TIMER DISPLAY HEALTH SLEEP MILDEW I FEEL 8°C H
	DRY	CLEAN TIMER DISPLAY HEALTH MILDEW I FEEL 8°C H
	FAN	CLEAN TIMER DISPLAY HEALTH I FEEL 8°C H
	HEAT	CLEAN TIMER DISPLAY HEALTH SLEEP I FEEL 8°C H

⚠️ *You will hear a beep when you press the following buttons or select the following optional functions, though the actual model haven't this function, we express our apologies:*

HEALTH(Optional Function: generate the ionizer)

🎋 **(button: SWING LEFT/RIGHT)**

AUTO COOL DRY
FAN HEAT ECO

$8.8.8$ °E
h

SLEEP TIMER FEEL
HEALTH MILDEW
CLEAN DISPLAY °C°F
WIND FREE GEN MODE

1 — (⏻) OPTION — 2

**Hold ⌄and⌃ together over 3 seconds
to activate of deactivate the Lock function**

3 — ⌄ ⌃ — 4

5 — ECO TURBO — 6

7 — MODE FAN — 8

9 — ◁〗 〨 — 10

You will hear a beep when you press the following buttons or select the following optional functions, though the actual model haven't this function, we express our apologies:

HEALTH(Optional Function: generate the ionizer)

〨 *(button: SWING LEFT/RIGHT)*

REMOTE CONTROLLER

Remote controller DISPLAY
Meaning of symbols on the liquid crystal display

No.	Symbols	Meaning
1	📶	Single indicator
2	🔒	Lock function indicator
3	🔋	Battery indicator
4	AUTO	Mode Auto function indicator
5	COOL	Mode Cooling indicator
6	DRY	Mode Dry indicator
7	FAN	Mode Fan indicator
8	HEAT	Mode Heating indicator
9	ECO	ECO function indicator
10	23.5_h TIMER	Timer indicator
11	28.5℃	Temperature indicator
12	Flashing ❅ ᴸᴸᴸ ✗ ∎ ᴸᴸ ᴸᴸᴸᴸ 🦇	Fan speed indicator: Auto /Mute/Low/Mid/High/Turbo
13	✗	Mute indicator
14	🦇	SUPER indicator
15	🌬	Flap swing angle indicator
16	🌫	Deflector swing angle indicator
17	SLEEP TIMER I FEEL HEALTH MILDEW CLEAN DISPLAY 8℃H	Optional functions indicator ⚠ *Notes:* *There is no HEALTH/WIND FREE/GEN MODE functions for current models, we express our apologies.*

⚠ *You will hear a beep when you press the following buttons or select the following optional functions, though the actual model haven't this function, we express our apologies:*

HEALTH(Optional Function: generate the ionizer)

🌫   *(button: SWING LEFT/RIGHT)*

Replacement of Batteries

Remove the battery cover plate from the rear of the remote controller, by sliding it in the direction of the arrow.

Install the batteries according the direction (+and -)shown on the Remote Controller.

Reinstall the battery cover by sliding it into place.

⚠ Use 2 LRO 3 AAA (1.5V) batteries . Do not use rechargeable batteries . Replace the old batteries with new ones of the same type when the display is no longer legible.

Do not dispose batteries as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.
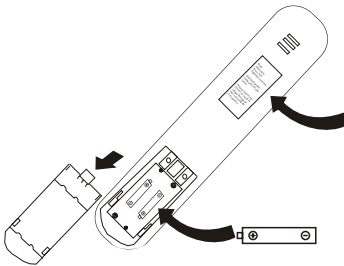
Note
Child-lock:Press ∨ and ∧
Together to active

Display ON/OFF:
Long press ECO button

Please remove batteries
To avoid leakage damage
when not using for a long
time.

⚠ 1. Direct the remote controller toward the Air conditioner.
2. Check that there are no objects between the remote control and the Signal receptor in the indoor unit.
3. Never leave the remote controller exposed to the rays of the sun.
4. Keep the remote controller at a distance of at least 1m from the television or other electrical appliances.

Signal
receptor
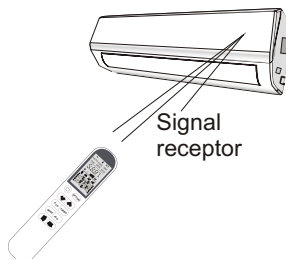
OPERATING INSTRUCTIONS

"SWING" CONTROL OF THE AIR FLOW

🎐 🎐	• The air outlet flow is uniformly distributed in the room.
	• It is possible to position the direction of the air in the optimal.

The key 🎐 activates the "FLAP", the air flow is directed alternatively from up to down. In order to guarantee an even diffusion of the air in the room.

The key 🎐 activates the motorized "deflectors", the air flow is directed alternatively from left to right. (Optional function, depends on the models)

- In cooling mode , orient the flaps in horizontal direction;
- In heating mode, orient the flaps downward as the warm air tends to rise.

The deflectors are positioned manually and placed under the flaps .They allow to direct the air flow rightward or leftward.
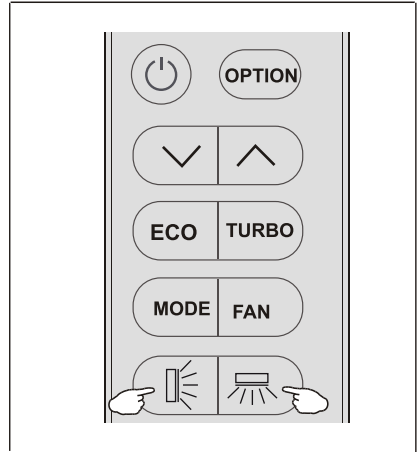
⚠ *This adjustment must be done while the appliance is switched off.*

⚠ *Never position "Flaps" manually, the delicate mechanism might seriously damaged!*

⚠ *Never poke fingers, sticks or other objects in the air inlet or outlet vents. Such accidental contact with live pants might cause unforeseeable damage or hurt.*

"flap" movement   Deflectors   "flaps"
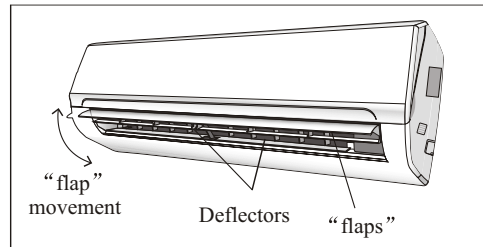
OPERATING INSTRUCTIONS

COOLING MODE

COOL The cooling function allows the air conditioner to cool the room and at the same time reduces Air humidity.

To activate the cooling function (COOL) , press the MODE button until the symbol COOL appears on the display.

The cooling function is activated by setting the button ⌄ or ⌃ at a temperature lower than that of the room.

To optimize the function of the Air conditioner, adjust the temperature (1) , the speed (2) and the direction of the air flow (3) by pressing the button indicated.
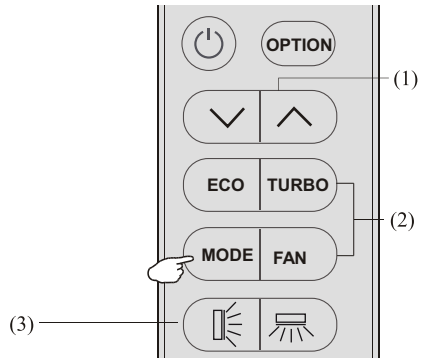
HEATING MODE

HEAT The heating function allows the air conditioner to heat the room.

To activate the heating function (HEAT) , press the MODE button until the symbol HEAT appears on the display.

With the button ⌄ or ⌃ set a temperature higher than that of the room..

To optimize the function of the Air conditioner adjust the temperature (1), the speed (2) and the direction of the air flow (3) by pressing the button indicated

⚠
In HEATING operation, the appliance can automatically activate a defrost cycle, which is essential to clean the frost on the condenser so as to recover its heat exchange function.This procedure usually lasts for 2-10 minutes during defrosting,indoor unit fan stop operation. After defrosting ,it resumes to HEATING mode automatically.
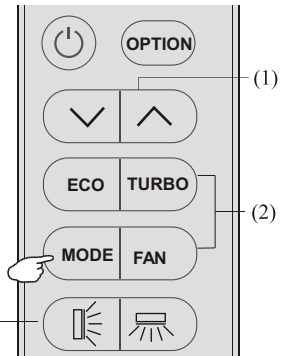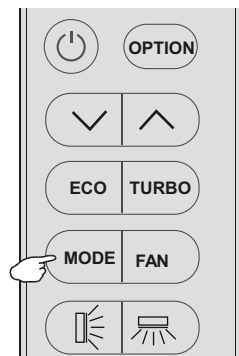
DRY MODE

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

To set the DRY mode , Press MODE until DRY appears in the display . An automatic function of alternating cooling cycles and air fan is activated.
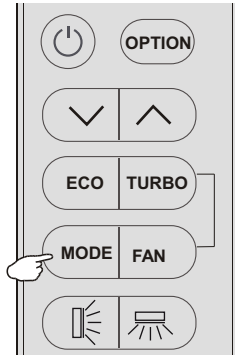
OPERATING INSTRUCTIONS

FAN MODE(Not FAN button)

FAN

The air conditioner works in only ventilation.

To set the FAN mode , Press MODE until FAN appears on the display.

AUTO MODE

AUTO

Automatic mode.

To activate the AUTO mode of operation, press the MODE button on the remote controller until the symbol **AUTO** appears on the display.

In AUTO mode , the air conditioner will run automatically according to the room temperature.

DISPLAY function (Indoor display)

DISPLAY

Switch on/off the LED display on panel

Press OPTION at the fist time , select the DISPLAY by pressing the button ∧ or ∨ until symbol DISPLAY is flashing; Press OPTION again to switch off the LED display on the panel, and DISPLAY appears on the remote controller display. Do it again to switch on the LED display .
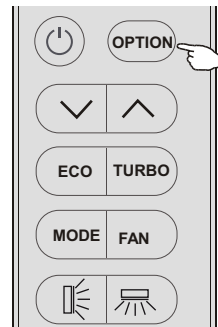
SLEEP function

SLEEP

Press OPTION at the fist time , select the SLEEP by pressing the button ∧ or ∨ until symbol SLEEP is flashing; Press OPTION again to activate the SLEEP function, and SLEEP appears on the display. Do it again to deactivate this function.

After 10 hours running in sleep mode, the air conditioner will return to the previous setting mode.
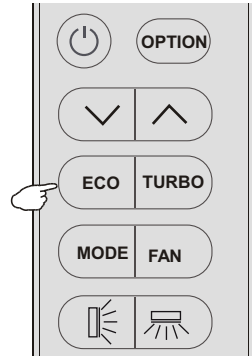
OPERATING INSTRUCTIONS

ECO function

ECO

The air conditioner works
in economic mode

Only in Heating or Cooling model, press ECO button
and symbol ECO will appear on the display, the air
conditioner will work in energy saving process.

To cancel this function, pressing the MODE to
switch other mode or pressing the ECO button again.

Wi-Fi reset (Optional)

If there is Wi-Fi function, reset the Wi-Fi as below
method:
Press **ECO** button 6 times in 8 seconds ,
then you will hear 3 beeps and CF or AP will be
showed on the indoor display.

Turbo function

To activate turbo function,pressing the button TURBO
or pressing the button FAN until symbol 👐 appears
on the display.

To cancel this function, pressing the FAN to switch
other fan speed or pressing the TURBO button again.

In AUTO/HEAT/COOL/FAN mode,
When you select TURBO feature, it will use
the highest fan setting to blow strong airflow.
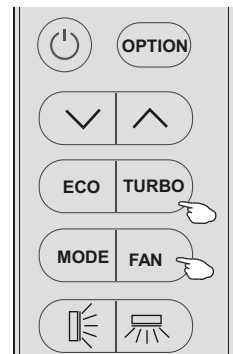
OPERATING INSTRUCTIONS

MILDEW function

MILDEW

Press OPTION at the fist time , select the MILDEW by
pressing the button ∧ or ∨ until symbol MILDEW
is flashing; Press OPTION again to activate the
MILDEW function, and MILDEW appears on the display.
Do it again to deactivate this function.

This function enable the air conditioner still blow
airflow about 15 minutes to dry the indoor inner parts
to avoid mildew, when the air conditioner is off.

Note: MILDEW function only available in DRY/COOLING mode

SELF-CLEAN function
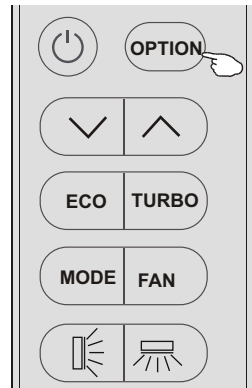
CLEAN   Switch off the air conditioner by pressing ⏻

Press OPTION at the fist time , select the CLEAN by pressing the
button ∧ or ∨ until symbol CLEAN is flashing; Press OPTION again
to activate the CLEAN function, and CLEAN appears on the display.
Do it again to deactivate this function.

1. This function help carry away the accumulated
   dirt, bacteria, etc from the evaporator.
2. This function will run about 30 minutes, and it will return to the
   pre-setting mode .You can press ⏻ or "Mode" to cancel
   this function during the process. You will hear 2 beeps when it's
   finished or cancelled.
3. It's normal if there are some noise during this function process,
   as plastic materials expand with heat and contract with cold.
4. We suggest operate this function as the following ambient
   condition to avoid certain safety protection features.

Indoor unit	Temp<30℃
Outdoor unit	5℃<Temp<30℃

5. We suggest operate this function per 3 months.

8℃ heating function(Optional)

8℃ H

1. Press OPTION at the fist time , select the 8℃ H by
   pressing the button ∧ or ∨ until symbol 8℃ H
   is flashing; Press OPTION again to activate the
   8℃ heating function, and 8℃ H appears on the display.
   Do it again or change the mode to deactivate this function.
2. If the air conditioner is standby, this function enable the
   air conditioner automatically start heating when the
   indoor temperature is equal or lower than 8℃, it will return
   standby if the temperature is equal or higher than 18℃.

OPERATING INSTRUCTIONS

TIMER function

| TIMER |
| 2 3.5 h |

To set the automatic switch-on /off of the air conditioner

For timer on, before proceeding with the time:
Switch the conditioner off (with the key ⏻).
program the working mode with the button MODE
and the fan speed with the button FAN .

Timer setting/change/cancel:

1. Press OPTION at the fist time , select the Timer by pressing the button ⌃ or ⌄ until symbol TIMER is flashing;

2. Press OPTION again, the data symbol like 6.0 h and TIMER will be flashing;

3. **To set the timer or change the timer:**
   (1) Press the button ⌃ or ⌄ to set the expected timer (Increase or decrease at half-hour intervals) the symbols *h* and TIMER both are flashing.
   (2) Press OPTION or waiting for 5 seconds without any operation to confirm the timer , the pre-setting timer like 6.0 h and symbol TIMER will be on the display.

   To cancel the timer(if TIMER is on)
   Press OPTION or waiting for 5 seconds without any operation to cancel the timer .

4. A sample for the Timer-on as Figure1, Timer-off as Figure2

   Note:
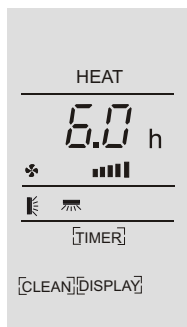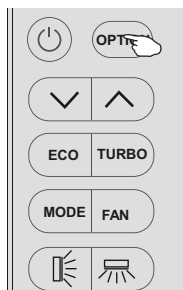   *All processing should be operated in 5 seconds, otherwise the processing will be cancelled.*

HEAT
6.0 h
TIMER
CLEAN DISPLAY

Figure1,Timer-on when switch off

HEAT
18.5 h
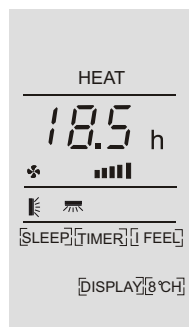SLEEP TIMER I FEEL
DISPLAY 8°CH

Figure2,Timer-off when switch on

I FEEL function

| I FEEL |

Press OPTION at the fist time , select the I FEEL by pressing the button ⌃ or ⌄ until symbol I FEEL is flashing; Press OPTION again to activate the I FEEL function, and I FEEL appears on the display. Do it again to deactivate this function.

This function enable the remote control to measure the temperature at its current location and send this signal 7 times in 2 hours to the air conditioner to enable the air conditioner to optimize the temperature around you and ensure maximum comfort.

It will automatically deactivate 2 hours later , or indoor temperature exceed the range 0~50℃.

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