

ΚΛΙΜΑΤΙΣΤΙΚΑ ΣΥΣΤΗΜΑΤΑ  
AIR CONDITIONING SYSTEMS

# Ενσύρματο Τηλεχειριστήριο ΧΚ60 Εγχειρίδιο Χρήστη

## Wired Controller ΧΚ60 Owner's Manual

Σας ευχαριστούμε που επιλέξατε τη μονάδα κλιματισμού της INVENTOR. Για τη σωστή χρήση της μονάδος, παρακαλούμε διαβάστε προσεκτικά το παρόν εγχειρίδιο και φυλάξτε το για αναφορά στο μέλλον.

Thank you for choosing INVENTOR air conditioning system. For correct use of this unit, please read this manual carefully and keep it for future reference.

English/Ελληνικά/ Româna

 **inventor**  
Your-conditions

## User Notice

 Please carefully read this manual before installation and use of this product

- ◆ Thanks for choosing Inventor duct type air conditioners. Please read this manual carefully before operating this product and keep it properly for future reference. In addition, please take notice of the symbols below.

 <b>WARNING!</b>	This mark indicates procedures which, if improperly performed, might lead to the death or serious injury of the user.
 <b>CAUTION!</b>	This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user, or damage to property.

### **CAUTION!**

(1). Do not install the wired controller in the damp place or under direct sunlight.
(2). Do not beat, toss, or frequently assemble/disassemble the wired controller.
(3). Do not operate the wired controller with wet hands and never let any liquid flow into it.
(4). Do not install or remove the wired controller by yourself. If necessary, please contact the after-sales serviceman.
(5). This wired controller is applicable to various kinds of air conditioners, while some specific functions unavailable to the duct type air conditioners will not be covered in this manual.
(6). Before operating the air conditioner, please read this manual carefully and keep it properly for future reference.

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# 1 Introduction to the Wired Controller

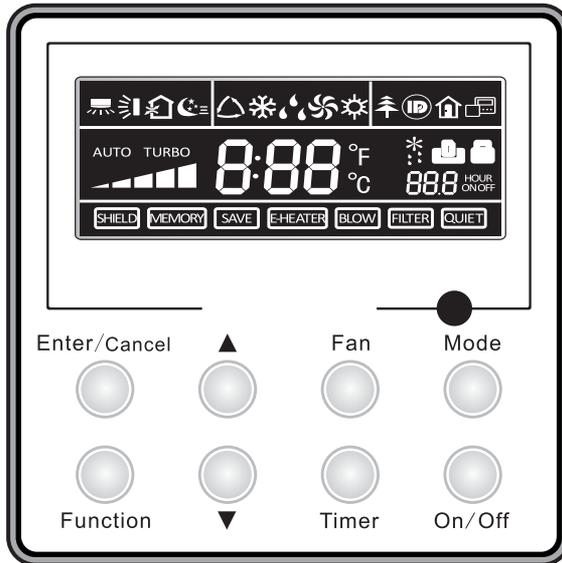


Fig.1 Appearance of the Wired Controller

## 1.1 Appearance and LCD Icons

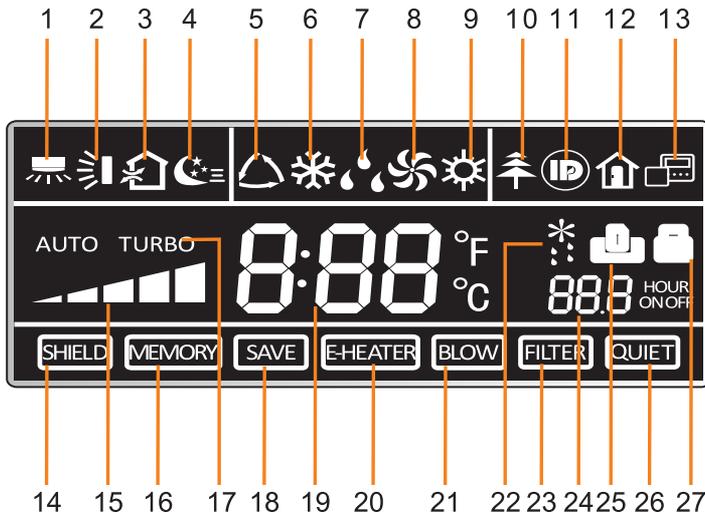


Fig.2 Appearance of the LCD

1.2 Introduction to the LCD Icons

Table 1

No.	Icons	Introduction
1		Left and right swing function
2		Up and down swing function
3		Air exchange function
4		Sleep function
5		Auto mode
6		COOL mode
7		DRY mode
8		FAN mode
9		HEAT mode
10		Health function
11		I-Demand function
12		Vacation function
13		Status display of master and slave wired controller
14		Shield function The button operation, temperature setting, "On/Off" operation, "Mode" setting, and "Save" setting are disabled.
15		Fan speed
16		Memory function The unit will resume the original setting state after power recovery.
17		Turbo function
18		Energy-saving function
19		Ambient/setting temperature

20		Electric heater
21		Blow function
22		Defrosting function
23		Filter cleaning
24		Timer Setting
25		Keycard control / Detected status sensed by human body
26		Quiet function
27		Lock function

## 2 Press Buttons

### 2.1 Buttons

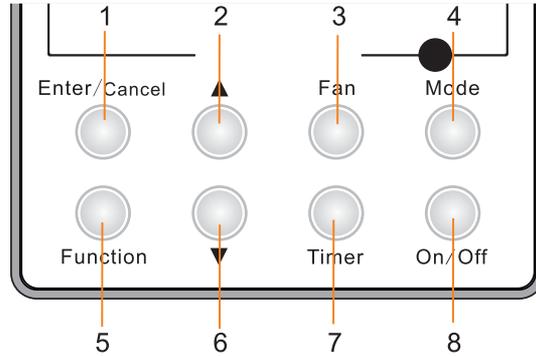


Fig.3 Press Buttons

### 2.2 Instruction to the Function of Press Buttons

Table 2

No.	Press Buttons	Function Introduction
1	Enter/Cancel	① . Function selection and canceling; ② . Press it for 5s to enquiry the outdoor and indoor ambient temperature.
2	▲	① . Running temperature setting of indoor unit, range :16~30°C ② . Timer setting, range:0.5-24hr ③ . Air function setting
6	▼	④ . Save setting ⑤ . Clean setting
3	Fan	Select fan speed from high, mid-high, middle, mid-low, low and auto levels.
4	Mode	Selection of the COOL, HEAT, FAN or DRY mode.
5	Function	Switchover among these functions of SWING/AIR/SLEEP/HEALTH/I-DEMAND/VACATION/TURBO/SAVE/E-HEATER/BLOW/QUIET
7	Timer	Timer setting
8	On/Off	Turn on/off indoor unit
4 mode and 2 ▲	Memory	Press Mode and ▲ at the same time for 5s under the OFF state of the unit to activate/deactivate memory function (If memory is set, indoor unit will resume original setting state after power recovery. If not, indoor unit is defaulted to be OFF after power recovery. Memory function is defaulted to be ON)
2 ▲ and 6 ▼	Lock	Under the ON state of the unit without any malfunction or under the OFF state of the unit, press ▲ and ▼ buttons at the same time for 5s to go to the lock state. In this case, any other buttons won't respond the press. Repress ▲ and ▼ again for 5s to quit the lock state.
4 mode and 6 ▼	°F/°C	Under the OFF state of the unit, press the Mode and ▼ at the same time for 5s to switch the temperature scale between Celsius and Fahrenheit.

## 3 OPERATION INSTRUCTION

### 3.1 On/off

Press the On/Off button to turn on or off the unit.

Notes:

- ① . The state shown in Fig.4 indicates the OFF state of the unit after energization.
- ② . The state shown in Fig.5 indicates the ON state of the unit after energization.

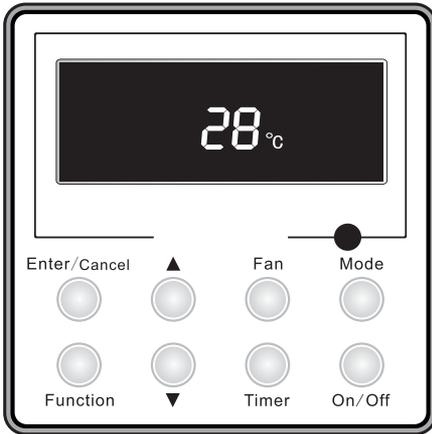


Fig.4 OFF State of the Unit

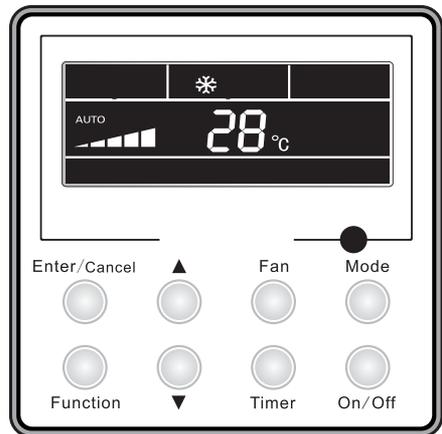


Fig.5 ON State of the Unit

### 3.2 Mode Setting

Under the ON state of the unit, press the Mode button to switch the operation modes as the sequence shown in Fig.6:

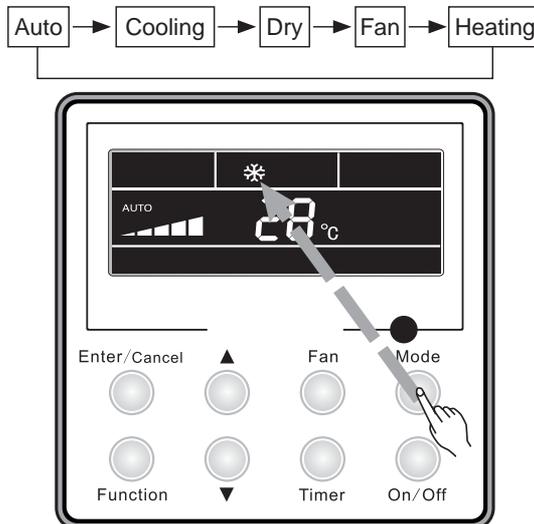


Fig.6

### 3.3 Temperature Setting

Press ▲ or ▼ button to increase or decrease setting temperature under on-state of the unit. If press either of them continuously, temperature will be increased or decreased by 1°C every 0.5s.

In Cooling, Dry, Fan and Heating mode, temperature setting range is 16°C~30°C.

In Auto mode, the setting temperature is un-adjustable.

As shown in Fig.7:

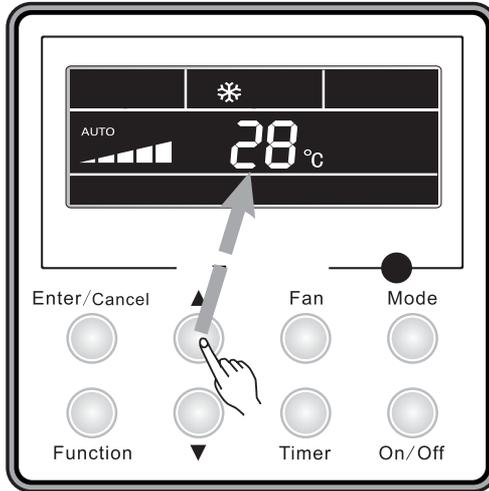


Fig.7 Temperature Setting

### 3.4 Fan Speed Setting

Press Fan button, fan speed of indoor unit will change as the sequence shown in Fig.8:

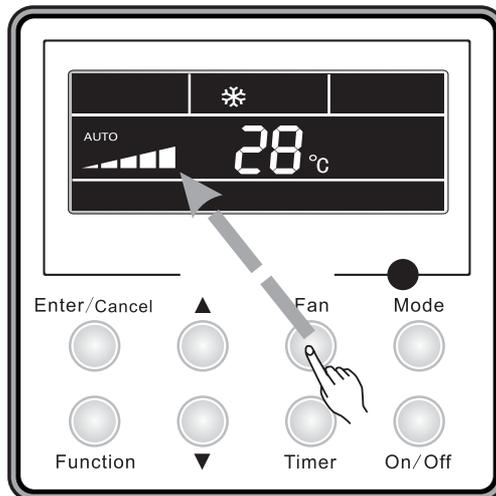


Fig.8 Fan Speed Setting

### 3.5 Right and Left Swing

Under the ON state of unit, press the Function button to select the "Right and Left Swing" function option and then press the Enter/Cancel button to activate it.

When the Swing function is activated, press the Function button to select the "Right and Left Swing" function option and then press the Enter/Cancel button to deactivate it.

Right and Left Swing function setting is as shown in Fig.9.

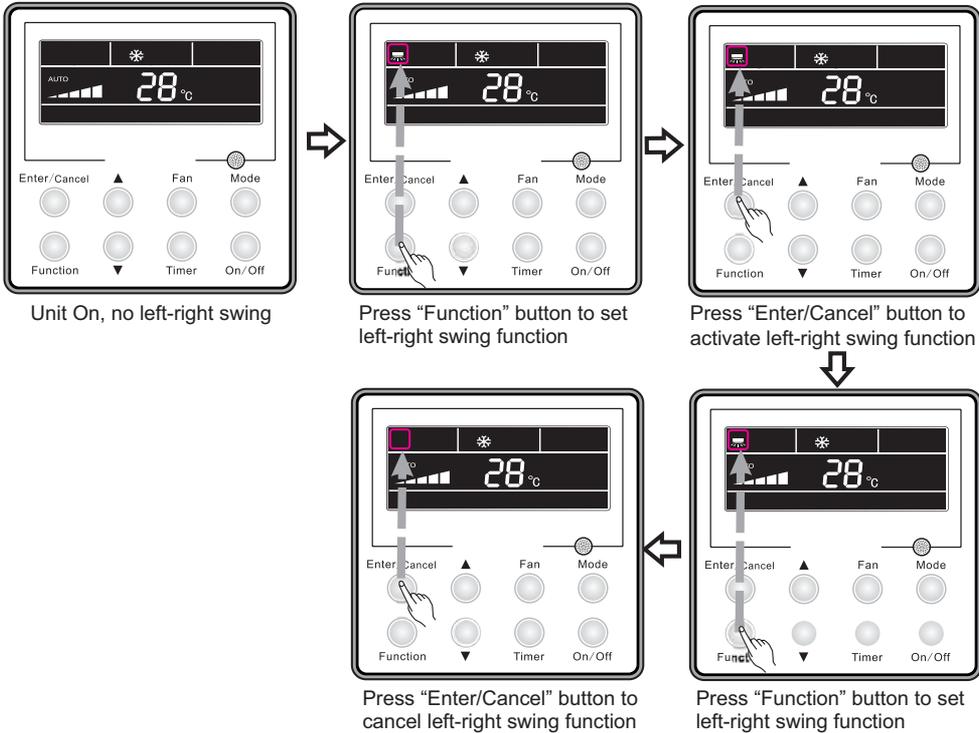


Fig.9 Right and Left Swing Setting

### 3.6 Up and Down Swing

Under the ON state of unit, press the Function button to select the "Up and Down Swing" function option and then press the Enter/Cancel to activate it.

When the Swing function is activated, press the Function button to select the "Up and Down Swing" function option and then press the Enter/Cancel button to deactivate it.

Up and Down Swing function setting is as shown in Fig.10.

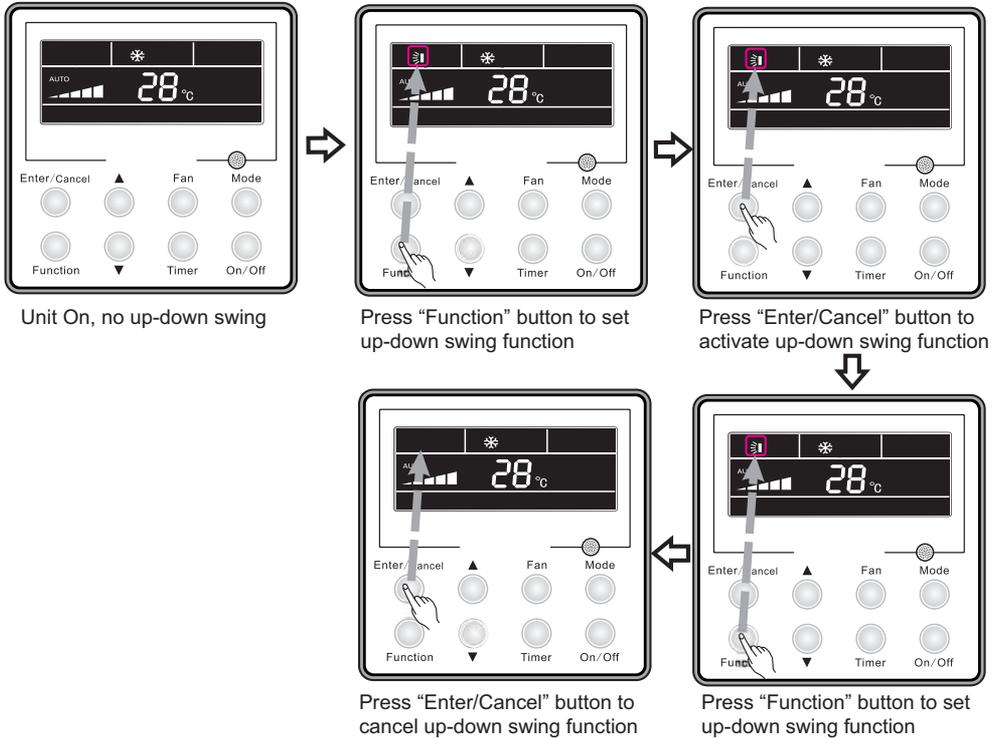


Fig.10 Up and Down Swing Setting

### 3.7 Timer Setting

Timer "On" Setting:

It is intended to set when to start the unit. When the unit is OFF, press the Timer button, with xx. Hour displayed and ON blinking, then press ▲/▼ to adjust the timer, after that, press the Timer button again to make a confirmation. If the Mode button is pressed prior to the confirmation, it will switch to the Timer Off setting. After the timer Off setting, the LCD displays xx. Hour ON OFF,xx. Hour indicating the time to start the unit, while the time to stop the unit won't be displayed.

Timer "Off" Setting:

It is intended to set when to stop the unit. When the unit is On, press the Timer button, with xx. Hour displayed and OFF blinking, then press ▲/▼ to adjust the timer, after that, press the Timer button again to make a confirmation. If the Mode button is pressed prior to the confirmation, it will switch to the Timer On setting. After the timer On setting, the LCD displays xx. Hour ON OFF,xx. Hour indicating the time to stop the unit, while the time to start the unit won't be displayed.

Cancellation of Timer Setting: The timer setting can be canceled by press “Timer”. Then , xx. Hour won’t be displayed.

Timer Setting under the ON state of the Unit is as shown in Fig.11:

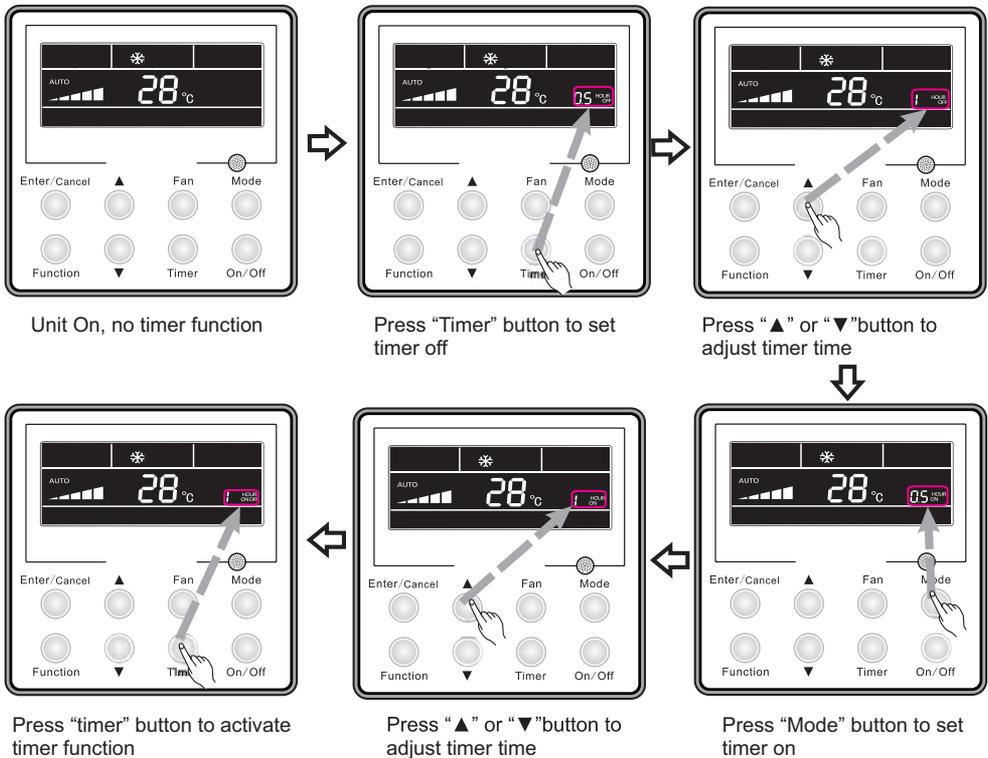


Fig.11 Timer Setting under the ON state of the Unit

Timer range: 0.5-24hr. Every press of the ▲ or ▼ button will make the setting time increased or decreased by 0.5hr.If press either of them continuously, the setting time will automatically increase/decrease by 0.5hr every 0.5s.

Notes:

- ① . When Timer On and Timer Off both are set, the displayed time is the Timer On setting for the unit under the OFF state , or is the timer Off setting for the unit under the ON state .
- ② . Timer On setting starts when the unit under the ON state is turned off; Timer Off setting starts when the unit under the OFF state is turned on.

### 3.8 Air Exchange Setting

How to activate the air exchange function:

Under the ON state of the unit, press the Function button to select the “AIR” function, with the function symbol flashing, and then press ▲ or ▼ to adjust the “AIR” type, after that, press the Enter/Cancel button to activate this function. When this function is activated, the symbol will be displayed. Type 1 is the defaulted “AIR” type.

There are 10 “AIR” function types , but only 1-2 types are for the wireless remote controller.

- 1—The unit continuously runs for 60min, and fresh air valve runs for 6 min.
- 2—The unit continuously runs for 60min, and fresh air valve runs for 12 min.
- 3—The unit continuously runs for 60min, and fresh air valve runs for 18 min.
- 4—The unit continuously runs for 60min, and fresh air valve runs for 24 min.
- 5—The unit continuously runs for 60min, and fresh air valve runs for 30 min.
- 6—The unit continuously runs for 60min, and fresh air valve runs for 36 min.
- 7—The unit continuously runs for 60min, and fresh air valve runs for 42 min.
- 8—The unit continuously runs for 60min, and fresh air valve runs for 48 min.
- 9—The unit continuously runs for 60min, and fresh air valve runs for 54 min.
- 10—The unit continuously runs for 60min, and fresh air valve always runs.

How to deactivate the air exchange function:

When the “Air” function is activated, it can be deactivated in the way by firstly pressing the Function button to select the “Air” function option with the “Air” symbol flashing, and then pressing the Enter/Cancel button with the “Air” symbol disappeared.

Air Exchange setting is shown as in Fig.12:

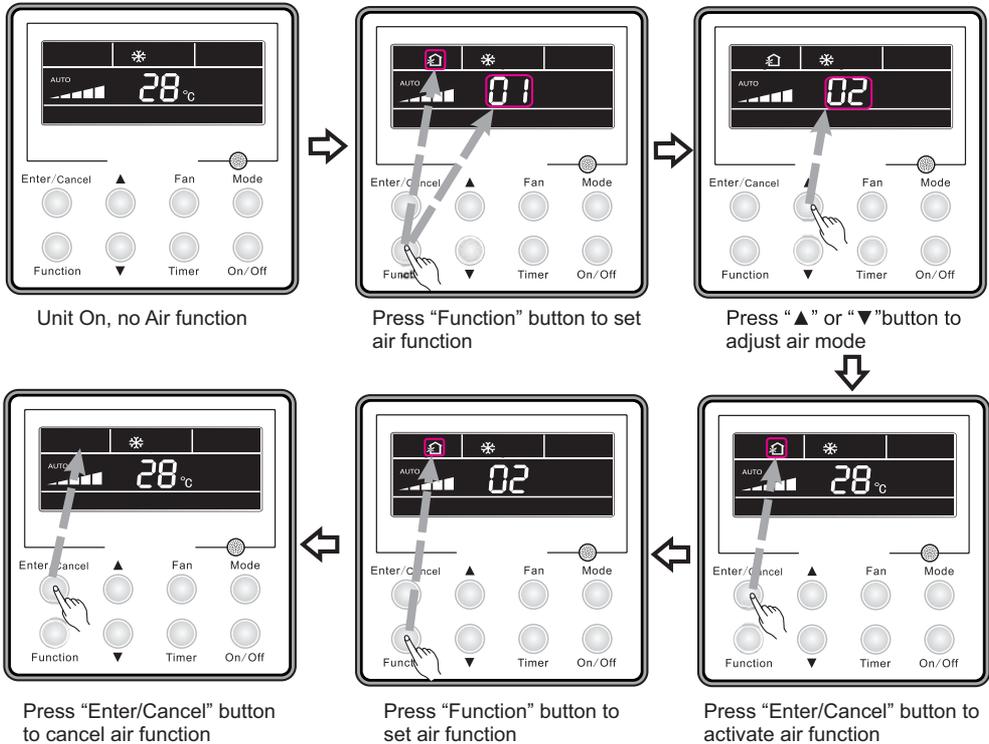


Fig.12 Air Exchange Setting

### 3.9 Sleep Setting

**Sleep on:** Press the Function button under the ON state of the unit to select the “Sleep” function option and then press the Enter/Cancel button to activate it.

**Sleep off:** When the Sleep function is activated, press the Function button to select the Sleep function option and then press the Enter/Cancel button to deactivate this function.

Sleep setting is as shown in Fig.13 :

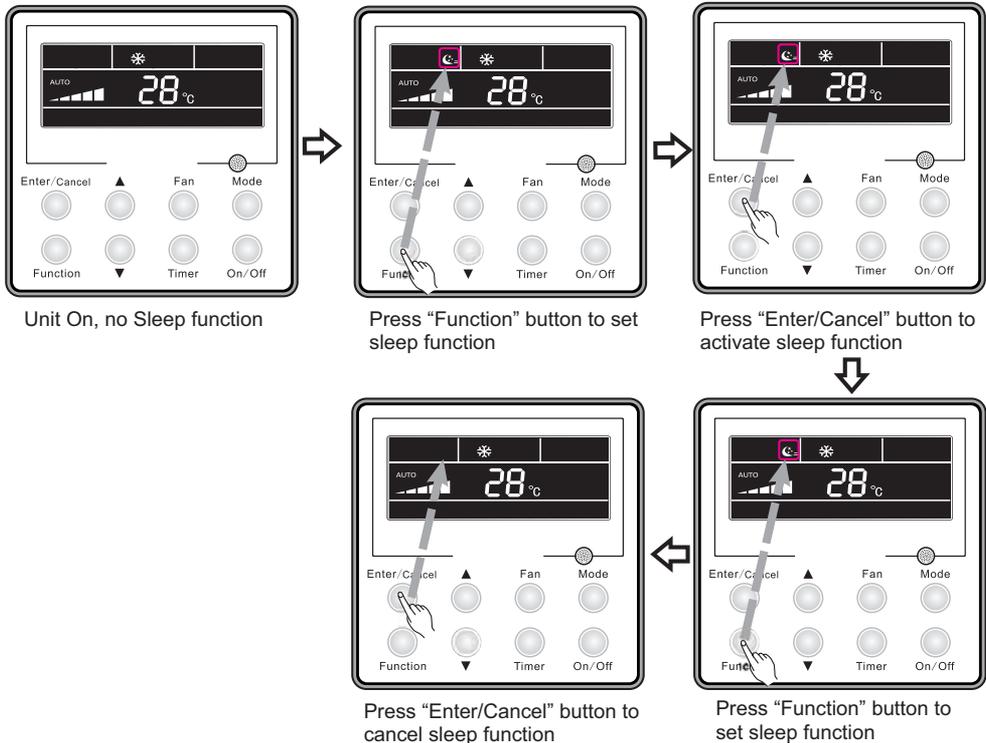


Fig.13 Sleep Setting

Notes:

- ① . The Sleep function is defaulted to be OFF after power recovery.
- ② . The Sleep function is unavailable under the Fan mode.
- ③ . When the Quiet function is activated, the Quiet function will always keep ON no matter if the Sleep function is activated or deactivated.
- ④ . Under the Cool mode, the Sleep function is ON, the setting temperature range can be 16~23°C, 24~27°C, 28~29°C or 30°C. Each of them has a different curve as shown in Fig.14.

e.g. If the setting temperature is 25°C, the temperature will rise by 1°C in each hour until it reaches 27°C. 7 hours later, the temperature will drop to 26°C. After that, the unit will run at this temperature.

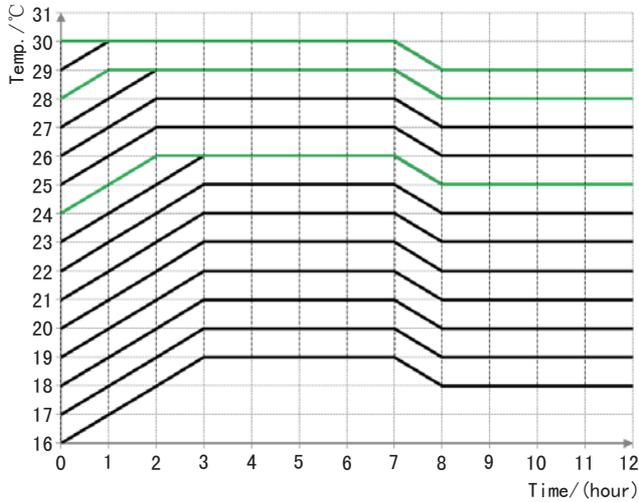


Fig.14 Sleep Curve under the COOL Mode

Under the Heat mode, the Sleep function is ON, the setting temperature range can be 16°C, 17~20°C, 21~27°C or 28~30°C. Each of them has a different curve as shown in Fig.15.

e.g. If the setting temperature is 22°C, the temperature will drop by 1°C in each hour until it reaches 20°C. Then, the unit will run at this temperature

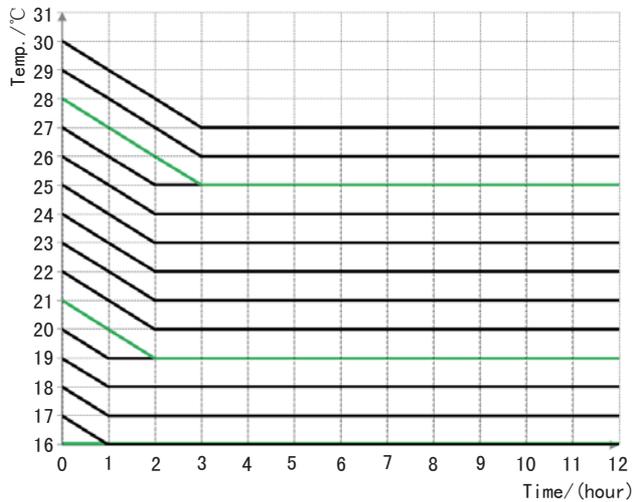


Fig.15 Sleep Curve under the HEAT Mode

### 3.10 Health Setting

Under unit on status, press “Function” button to select health function with “Health” icon flashing. Press “Enter/Cancel” button to activate health function.

When health is on, press “Function” button to set function, with “health” icon flashing. Then press the “Enter/Cancel” button to cancel health function.

How to set health function is shown in the Fig.16:

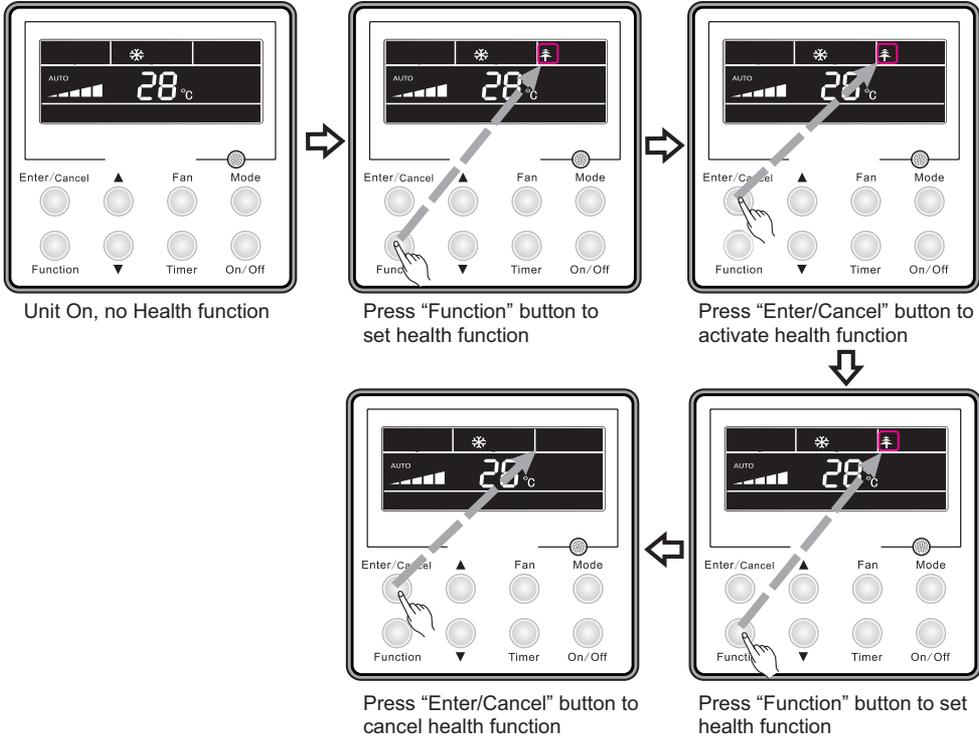


Fig.16 Health Setting

Note:

- ① . The health function can be cancelled by turning off the unit.
- ② . The health function can not be cancelled by mode switching.
- ③ . After the unit is resumed, health function will be maintained.

### 3.11 I-Demand Setting

Under cooling mode, press “Function” button to select I-Demand function with “I-Demand” icon flashing. Press “Enter/Cancel” button to activate I-Demand function.

When I-Demand is on, press “Function” button to set function, with “I-Demand” icon flashing. Then press the “Enter/Cancel” button to cancel I-Demand function.

How to set I-Demand function is shown in the Fig.17:

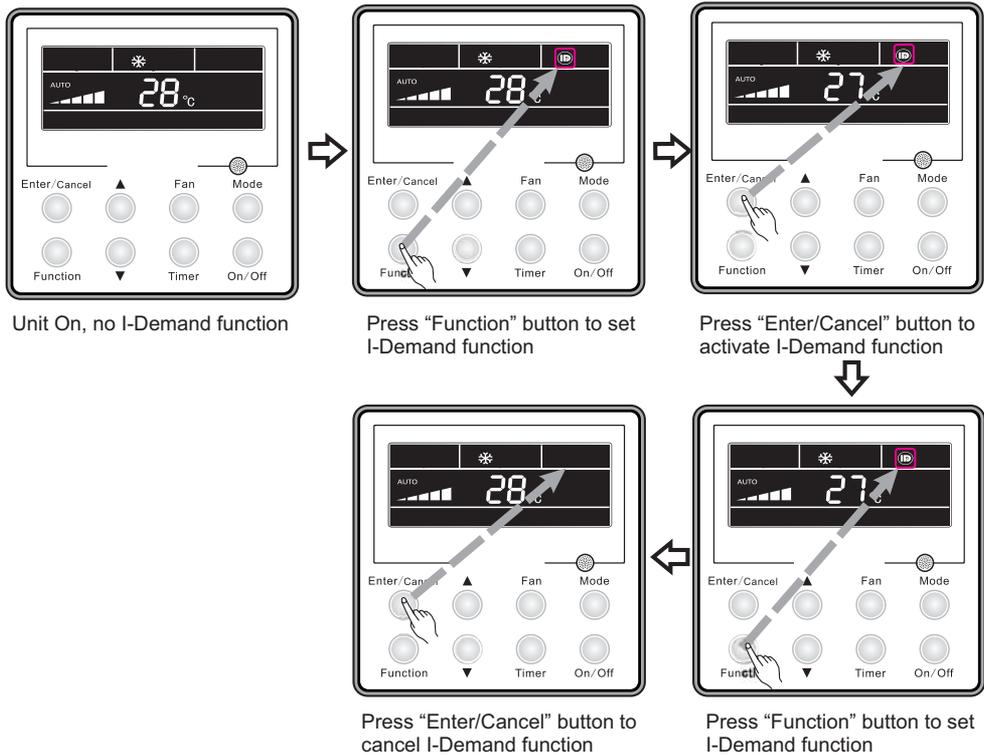


Fig.17 I-Demand Setting

Note:

- ① . The I-Demand function can be cancelled by mode switch and unit ON/OFF.
- ② . After the unit is resumed, I-Demand function will be maintained.
- ③ . The I-Demand function can not be simultaneously set and can be cancelled by Sleep/Quiet function.
- ④ . When the I-Demand function is set, the unit will run as per Auto fan speed. The Turbo fan speed is not available.
- ⑤ . When the I-Demand function is set, the setting temperature 27°C can not be changed.
- ⑥ . When the setting temperature is shielded by the remote control, I-Demand function can not be entered.

### 3.12 Vacation Setting

Vacation function: It's used to keep the indoor ambient temperature and activate fast heating.

Under heating mode, press "Function" button to select Vacation function with "Vacation" icon flashing. Press "Enter/Cancel" button to activate Vacation function.

When Vacation is on, press "Function" button to set function. Then press the "Enter/Cancel" button to cancel Vacation function with no icon flashing.

How to set vacation function is shown in the Fig.18:

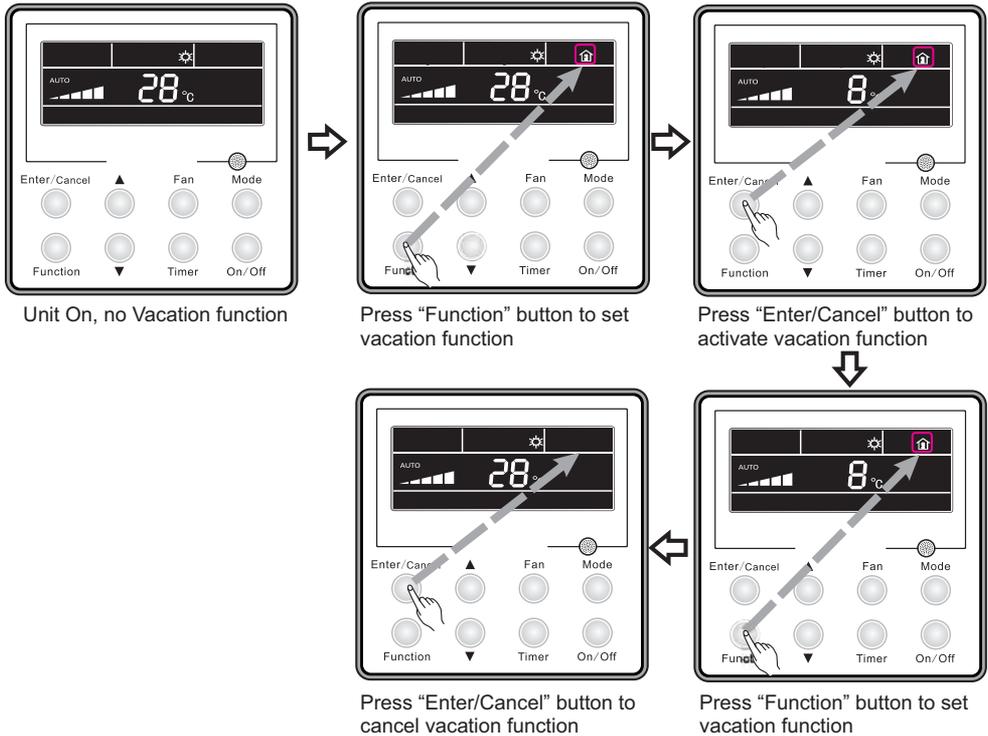


Fig.18 Vacation Setting

**Note:**

- ① . The vacation function can be only set under heating mode.
- ② . The turbo function will be cancelled when the vacation function is set.
- ③ . The Sleep and Quiet function will be cancelled when the vacation function is set.
- ④ . After the unit is resumed, the vacation function will be maintained.
- ⑤ . When the vacation function is set, the setting temperature can not be shielded by the remote control. In reverse, the vacation function can not be set when the distant shielding is taking into effect.
- ⑥ . When the vacation function is set, the setting temperature shown on the wired controller is 8°C. The indoor fan will automatically run as per Auto fan speed.
- ⑦ . The vacation function can be cancelled when there is mode switching. The temperature will go back to the original setting temperature prior to vacation function.
- ⑧ . Unit ON/OFF will not cancel the vacation function.

**3.13 Turbo Function Setting**

**TURBO function:** The unit at the highest fan speed can realize quick cooling or heating so that room temperature can quickly approach the setting temperature.

In the COOL or HEAT mode, press the Function button to select the "Turbo" function option and then press the Enter/Cancel button to activate it.

When the "Turbo" function is activated, it can be deactivated by firstly pressing the Function

button to select the "Turbo" option and then pressing the Enter/Cancel button.

Turbo function setting is as shown in Fig.19:

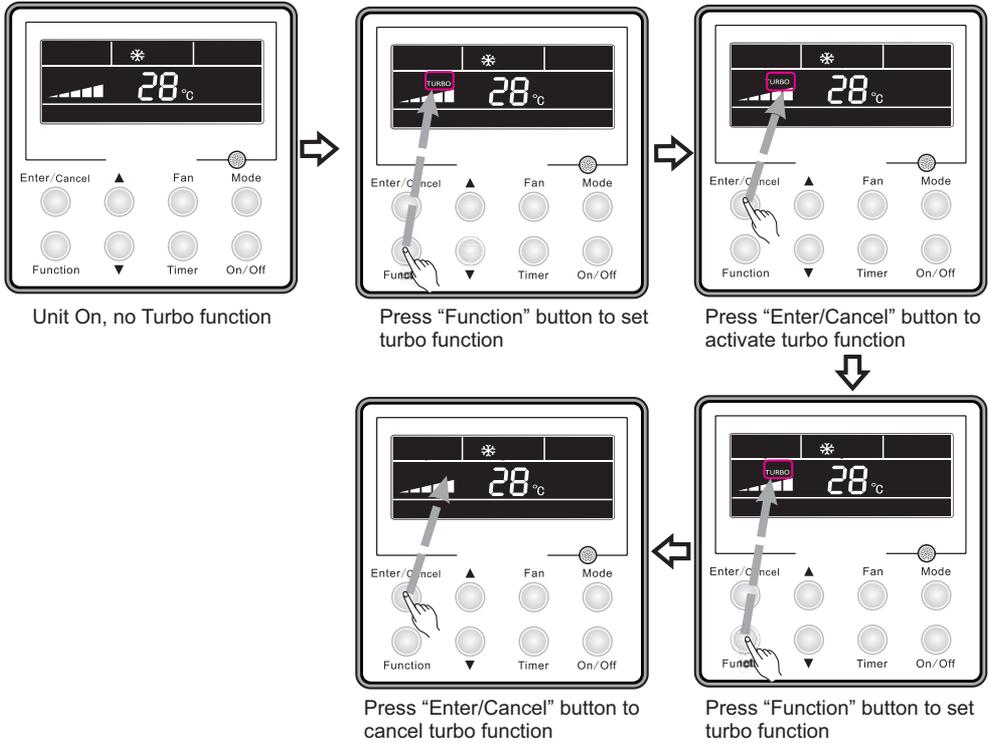


Fig.19 Turbo Function Setting

Notes:

- ① . The Turbo function will be deactivated due to power failure. In DRY, FAN and AUTO modes, the Turbo function is unavailable and the function symbol won't be displayed.
- ② . The Turbo function will be automatically deactivated as the Quiet function is activated.
- ③ . The FAN button can also be used to adjust Turbo function.

### 3.14 SAVE Function Setting

Energy Saving Function: Energy saving can make the air conditioner runs in a smaller temperature range by setting lower limited value of setting temperature in the COOL or DRY mode and upper limited value in the HEAT mode.

(1). Energy Saving Setting for Cooling

When the unit runs under the COOL or DRY mode, press the Function button to select the "SAVE" function option, with "SAVE" flashing, and then press ▲ or ▼ to adjust the lower limit, after that, press the Enter/Cancel button to activate this function.

(2). Energy Saving Setting for Heating

When the unit runs under the HEAT mode, press the Function button to select the "SAVE" function option, with "SAVING" flashing, then press the Mode button to switch to the "SAVE" setting for the HEAT mode and then press ▲ or ▼ to adjust the upper limit, after that, press the Enter/

Cancel button to activate this function.

The activated SAVE function can be deactivated by firstly pressing the “Function” button to select the “SAVE” option and then pressing the “Enter/Cancel” button.

The energy saving setting is as shown in the Fig.20:

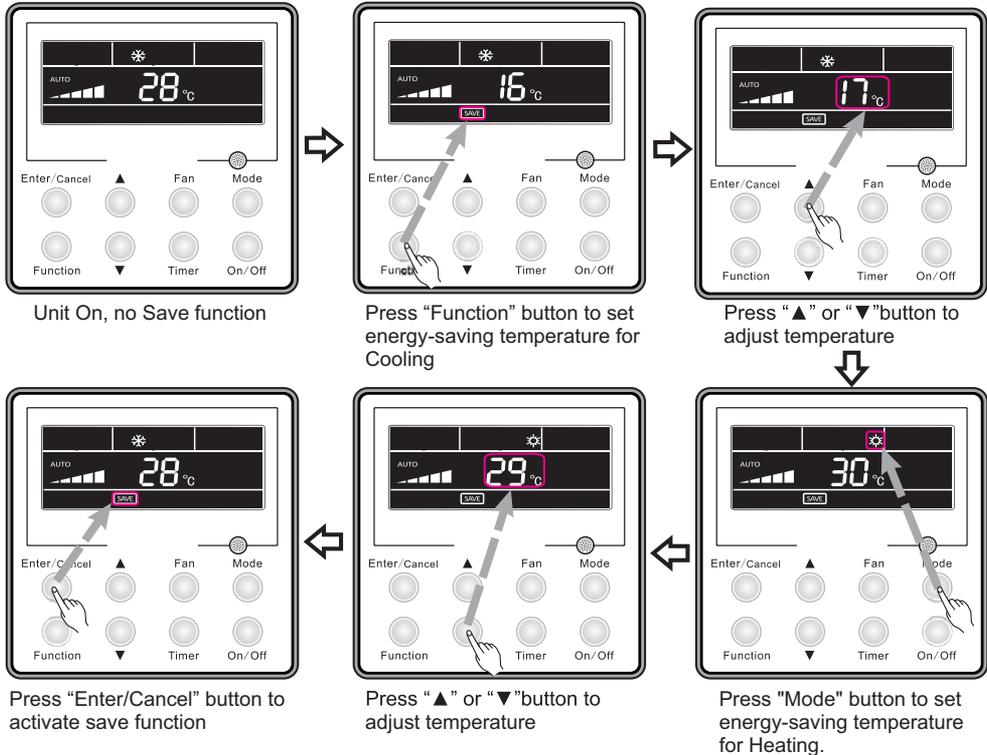


Fig.20 SAVE Function Setting

Notes:

- ① . Under the Auto mode, when the “SAVE” function is activated, the unit will forcibly quit the Auto mode and change to the current operation mode. Further, the “Sleep” function will be deactivated when the “SAVE” function is activated.
- ② . During the “SAVE” setting, if the Function button is pressed down or there is not any operation within 5s after the last button operation, the system will quit the “SAVE” setting with the current setting data not saved.
- ③ . The “SAVE” function setting will be memorized in case of power failure.
- ④ . The lower limit for cooling is 16 °C and the upper limit for heating is 30°C.
- ⑤ . During the “SAVE” setting, if the expected setting temperature is out of the limit, then the limit temperature always prevail.

### 3.15 E-HEATER Setting

E-HEATER: in the HEAT mode, “E-HEATER” function is allowed to be activated to improve the heating efficiency. Generally, it will be activated automatically as the unit goes into the HEAT mode through any button operations .

Activation of the “E-HEATER” Function: firstly press the Function button to select the “E-HEATER” option, with the symbol “E-HEATER” flashing, and then press the Enter/Cancel button to activate it. After the activation, the symbol “E-HEATER” will always be displayed.

Deactivation of the “E-HEATER” Function: firstly press the Function button to select the “E-HEATER” option, with the symbol “E-HEATER” flashing, and then press the Enter/Cancel button to deactivate it.

“E-HEATER” Function setting is as shown in Fig.21:

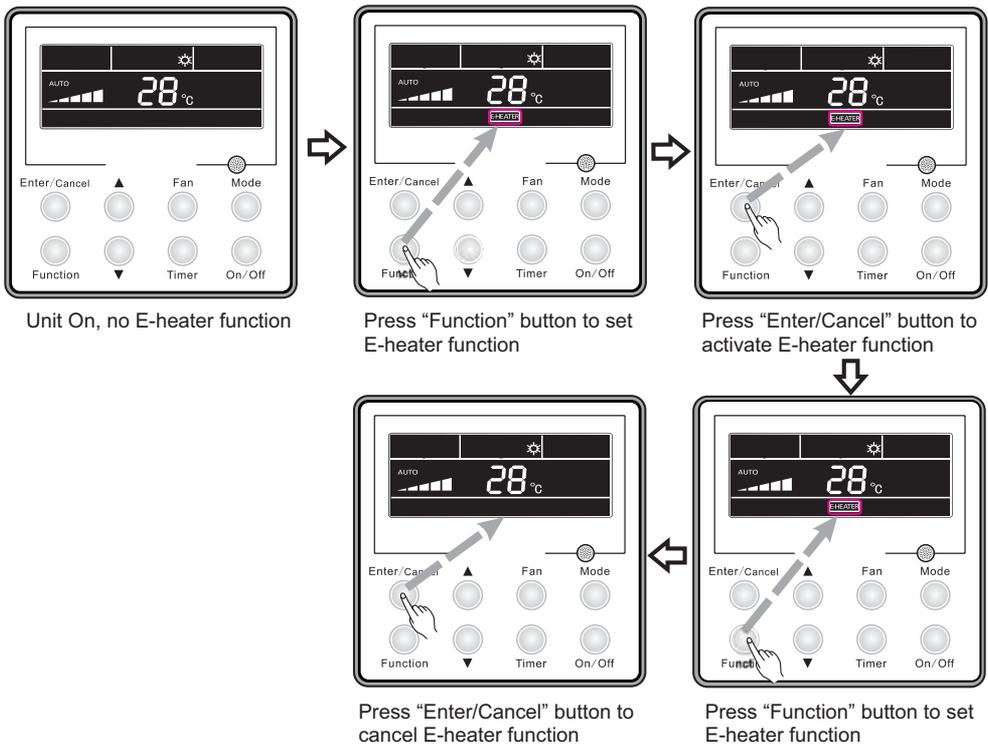


Fig.21 “E-HEATER” Function Setting

Note: The “E-HEATER” function is not available in the COOL, DRY, and FAN modes, with the symbol “E-HEATER” not displayed.

### 3.16 Blow Function Setting

BLOW function: After the unit is turned off, water in evaporator of indoor unit will be automatically evaporated to avoid mildew.

Activation of the “Blow” Function: in the COOL or DRY mode, press the Function button to select the “Blow” option, with the symbol “BLOW” flashing, and then press the Enter/Cancel button to activate it.

Deactivation of the “Blow” Function: The activated “Blow” function can be deactivated by firstly pressing the Function button to select the “Blow” option and then pressing the Enter/Cancel button.

BLOW function setting is as shown in Fig.22:

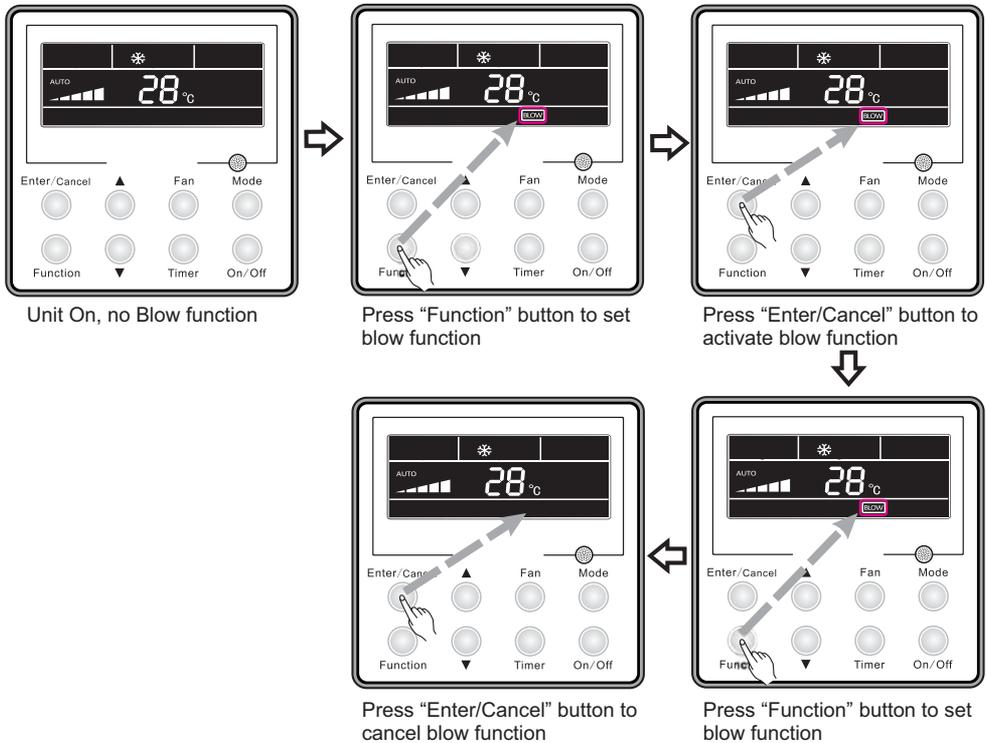


Fig.22 Blow Function Setting

#### Notes:

- ① . When the “Blow” function is activated, if the unit is turned off through the On/Off button, the indoor fan will still run at low fan speed for another 10 minutes. When the “Blow” function is deactivated, the indoor fan will stop directly as the unit is turned off.
- ② . The “Blow” function is not available in the FAN and HEAT modes.

### 3.17 Filter Setting

Under On status, press “Function” button to set “Filter” function with “Filter” icon flashing. The setting pollution level will be shown at the Timer area. Press “▲” and “▼” to adjust pollution level and press “Enter/Cancel” button to activate Filter function.

When the Filter function is set, press “Function” button to set with “Filter” icon flashing. Press “▲” and “▼” to adjust till “00” is shown on the timer area. Then press “Enter/Cancel” button to cancel the Filter function.

How to set Filter function is shown in the Fig.23:

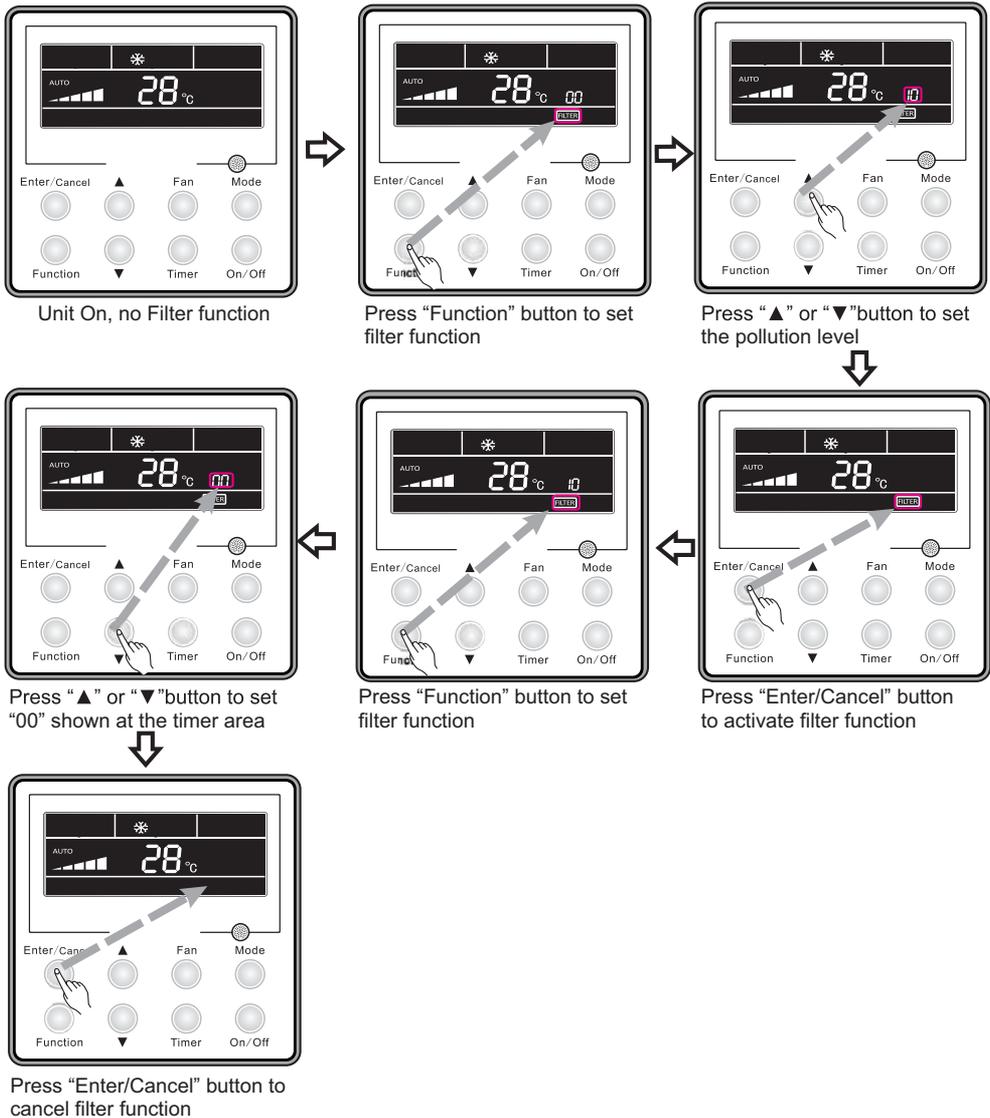


Fig.23 Filter Setting

While setting Filter, two numbers will be shown on the timer area. The first number represents the pollution level. The second number shows the accumulated operating time of the indoor fan. There are four statuses in total:

- ① . No Filter function setting ( "00" shown at the timer area)
- ② . When the filter reaches light-level pollution, "1" will be shown at the first place, When "0" shows up at the second place, the accumulated operating hour reaches 5500h. Every increase of the number means another 500h is accumulated. When "9" shows up, it means the operating hour reaches 10000h.
- ③ . When the filter reaches middle-level pollution, "2" will be shown at the first place, When

“0” shows up at the second place, the accumulated operating hour reaches 1400h. Every increase of the number means another 400h is accumulated. When “9” shows up, it means the operating hour reaches 5000h.

- ④ . When the filter reaches serious-level pollution, “3” will be shown at the first place, When “0” shows up at the second place, the accumulated operating hour reaches 100h. Every increase of the number means another 100h is accumulated. When “9” shows up, it means the operating hour reaches 1000h.

Pollution level with corresponding operating hour:

Table 3

Pollution level	Accumulated operating time (h)	Pollution level	Accumulated operating time (h)	Pollution level	Accumulated operating time (h)
10	5500	20	1400	30	100
11	6000	21	1800	31	200
12	6500	22	2200	32	300
13	7000	23	2600	33	400
14	7500	24	3000	34	500
15	8000	25	3400	35	600
16	8500	26	3800	36	700
17	9000	27	4200	37	800
18	9500	28	4600	38	900
19	10000	29	5000	39	1000

Note:

- ① . If the Filter function is effectively set, the  icon will light up.
- ② . If it is not necessary to clean the filter, no matter whether the setting is changed or not, the unit will not restart to timing while pressing “Enter/Cancel” button.
- ③ . If the filter should be cleaned, under On/OFF status, the  icon will blink once every 0.5s so as to remind user to clean the filter. Press “Function” button to set with icon  flashing. Press “▲” and “▼” to adjust pollution level, and then press “Enter/Cancel” button to activate it. If the setting pollution level is lighter than before, the icon  will keep flashing. If the setting pollution level is more serious, the icon  will go out, and the Filter function will keep on working.
- ④ . The only method to cancel Filter function is, when the function is set with icon  flashing, let “00” shown at the timer area, at this time, the accumulated time will be zero clearing.

### 3.18 Quiet Function Setting

Press “Function” button to set Quiet function with its icon flashing. Press “Enter/Cancel” button to activate Quiet function.

When the quiet function is On, press “Function” button to set with Quiet icon flashing, press “Enter/Cancel” button to cancel Quiet function.

How to set Quiet function is set in the Fig. 24:

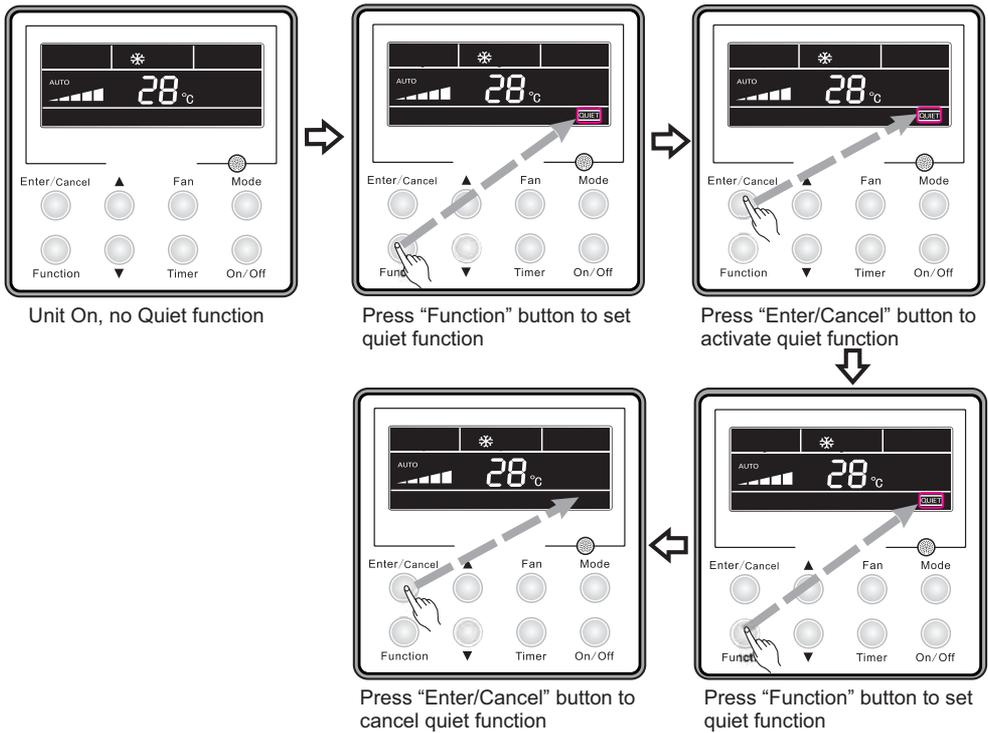


Fig.24 Quiet function setting

Notes:

- ① . "QUIET" function is unavailable in Fan or Dry mode. Owing to power failure, the "Quiet" function is defaulted to be deactivated.
- ② . If quite function is set, turbo function will be canceled.

### 3.19 Ultra-Dry Setting

Under Dry mode, when the setting temperature is 16°C, press “▼” button twice and the setting temperature will be changed to 12°C, at this time, the unit enters the Ultra-Dry function.

When the Ultra-Dry function is activated, it can be cancelled by pressing “▲” button or pressing “Mode” button to switch mode.

### 3.20 Other Functions

#### 3.20.1 Lock Function

Under the ON state of the unit without any malfunction or under the OFF state of the unit, press ▲ and ▼ buttons at the same time for 5s till the wired controller enters the lock state. In this case, LCD displays . After that, repress these two buttons at the same time for 5s to quit the lock state.

Under the lock state, no response will be given to the other button operation.

### 3.20.2 Memory Function

Memory switchover: Under the OFF state of the unit, press the Mode and ▲ buttons at the same time for 5s to switch memory modes. When setting the memory mode, “MEMORY” will be displayed. If this function is deactivated, the unit will go to the OFF state after power recovery.

Memory recovery: If the memory function is On, the wired controller after power failure will resume its original running state upon power recovery.

Note: It will take about 5 seconds to save data. Therefore, please do not cut down the power at this time, or data will fail to be saved.

### 3.20.3 Selection of Centigrade and Fahrenheit

Under the OFF state of the unit, press the Mode and ▼ buttons at the same time for 5s, Centigrade and Fahrenheit scales will be switched alternately.

### 3.20.4 Ambient Temperature Enquiry

Under On/Off status, press “Confirm” button for 5s, it will enter Enquiry interface. At this time, what shows on the timer area is the ambient temperature type: 01 or 02 and the temperature will be shown. “01” means the outdoor ambient temperature and “02” represents the indoor ambient temperature. Press “Mode” button to switch between those two types. Press any other button except Mode button or receive the signal from the remote controller will quit from the Enquiry function. If there is no operation in 20s, the unit will quit from this function automatically.

Note:

- ① . If the unit is not connected with the ambient temperature sensor, after 12h electrification, the display of the ambient temperature sensor will be shielded.
- ② . If the outdoor temperature sensor has error, after 12h electrification, the display of the ambient temperature sensor will be shielded.

## 4 Installation of the Wired Controller

### 4.1 Standard Parts

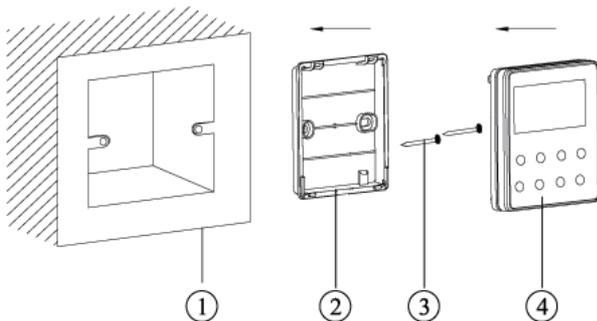


Table 4 Standard Parts

No.	Description	Quantity
1	Base Box	1
2	Soleplate	1
3	Screw M4x25	2
4	Front Panel	1

Fig.25 Standard Parts of the Wired Controller

### 4.2 Installation Location and Installation Requirements

- (1). Do not install the wired controller in the damp place or under direct sunlight.
- (2). Do not install the wired controller close to the hi-temperature object or place where the

wired controller is likely to suffer water spray.

- (3). Do not install the wired controller directly opposite to the window so as to avoid improper operation caused by the interference of the neighbor's same model wired controller.
- (4). Please cut off the power supply of wires embedded in the wall. No operation is allowed with electricity.
- (5). To avoid abnormal operation caused by electromagnetic interference or other causes, please take notice of the following statements during wiring.
  - ①. Be sure the communication line is wired into the correct port, otherwise it would result in communication fault.
  - ②. The communication line (wired controller) and power line must be separated with the minimal distance of 20cm, otherwise it would result in communication fault.
  - ③. Suppose that the air conditioner is installed where likely to suffer electromagnetic interference, the communication line of the wired controller must be shielded twisted pair.

### 4.3 How to Install the Wired Controller

First of all, the selection and connecting method of the communication line is shown as follows:

- (1). Select appropriate communication line of the wired controller: 2-core signal line (wire size $\geq 0.75\text{mm}^2$ , length $<30\text{m}$ , recommended length: 8m).
- (2). After the indoor unit is de-energized, fix the communication line on the indoor terminal board by screws.

Then, the specific installation steps is shown in the Fig.26:

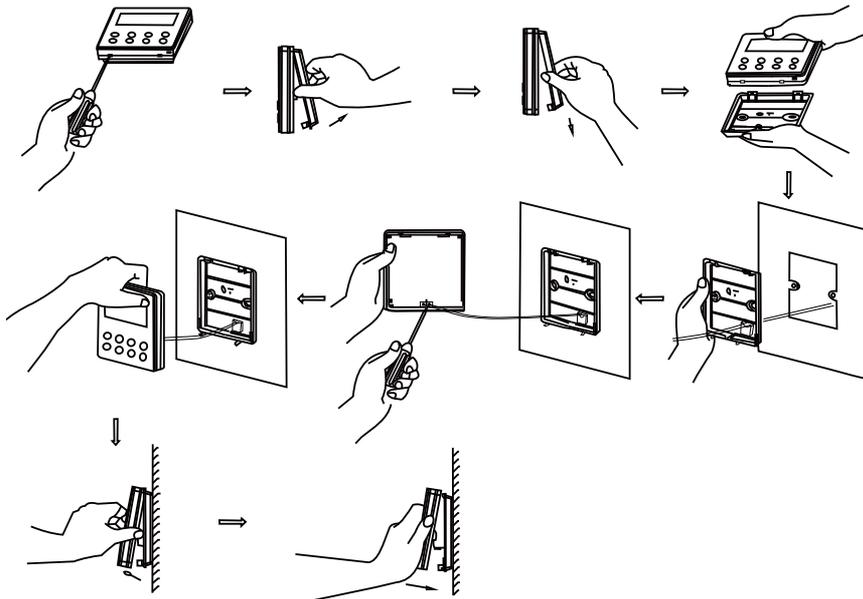


Fig.26 Installation of the Wired Controller

Brief instructions:

- ①. Pull out the 2-core signal line from the mounting hole and pass this line through the round

hole located at the bottom of the wired controller.

- ② . Use M4x25 screws to fix the soleplate of the wired controller on the wall.
- ③ . Fix the signal line on the copper tabs X1 and X2. Make sure the line is tightly fixed and with no short-circuit potential.
- ④ . Set the panel and the bottom together by clasps.

#### 4.4 How to Remove the Wired Controller

The wired controller can be easily removed as shown in Fig.27

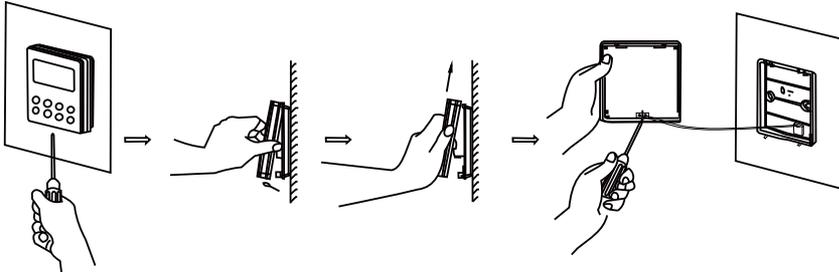


Fig.27 Removal of the Wired Controller

## 5 Error Display

When error happens to the unit, the error code will be shown on the wired controller. When multiple errors simultaneously happen, the error codes will circularly show up.

When error occurs, please immediately shut down the unit and contact professional personnel. As shown in the Fig.28 means the high pressure protection.

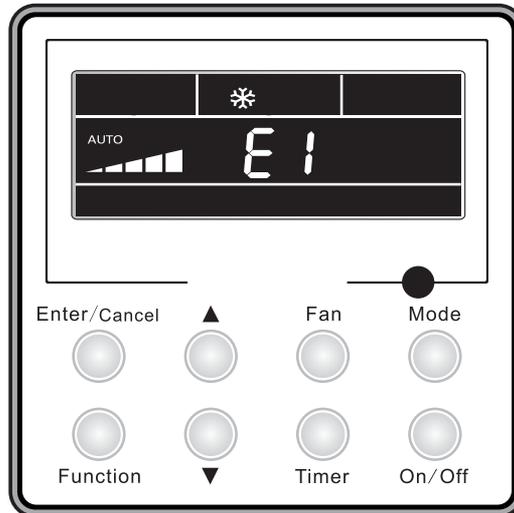


Fig.28

Error codes and their meanings:

Table 5

Number	Error code	Error
1	E1	Compressor high pressure protection
2	E2	Indoor anti-freeze protection
3	E3	Compressor low pressure protection, refrigerant lack protection and refrigerant colleting mode
4	E4	Compressor high discharge temperature protection
5	E6	Communication error
6	E8	Indoor fan motor error
7	E9	Full water protection
8	F0	Indoor ambient temperature sensor error
9	F1	Evaporator temperature sensor error
10	F2	Condenser temperature sensor error
11	F3	Outdoor ambient temperature sensor error
12	F4	Discharge temperature sensor error
13	F5	Temperature sensor error of wired controller
14	C5	Capacity code error
15	EE	Outdoor memory chip error
16	PF	Electric box sensor error
17	H3	Compressor overload protection
18	H4	Overloading
19	H5	IPM protection
20	H6	DC fan motor error
21	H7	Drive desynchronizing protection
22	Hc	Pfc protection
23	L1	Humidity sensor error
24	Lc	Activation failure
25	Ld	Compressor phase sequence protection
26	LF	Power protection
27	Lp	Indoor and outdoor mismatch
28	U7	4-way valve direction changing protection
29	P0	Drive reset protection
30	P5	Over-current protection
31	P6	Communication error between main control and drive
32	P7	Drive module sensor error

---

33	P8	Drive module over temperature protection
34	P9	Zero passage protection
35	PA	AC current protection
36	Pc	Drive current error
37	Pd	Sensor connecting protection
38	PE	Temperature drift protection
39	PL	Bus low voltage protection
40	PH	Bus high voltage protection
41	PU	Charge loop error
42	PP	Input voltage abnormality
43	ee	Drive memory chip error

## Σημειώσεις για τον χρήστη

 Παρακαλούμε διαβάστε προσεκτικά αυτό το εγχειρίδιο πριν τη χρήση.

- ♦ Σας ευχαριστούμε που επιλέξατε τη μονάδα κλιματισμού της INVENTOR. Για τη σωστή χρήση της μονάδας παρακαλούμε διαβάστε το παρόν εγχειρίδιο και φυλάξτε το για αναφορά στο μέλλον. Επιπλέον δώστε προσοχή στα παρακάτω σύμβολα.

 <b>Προειδοποίηση!</b>	Αυτό το σύμβολο εμφανίζεται για διαδικασίες, οι οποίες όταν δεν εκτελεστούν σωστά μπορεί να προκαλέσουν σοβαρό τραυματισμό ή ακόμα και θάνατο.
 <b>Προσοχή!</b>	Αυτό το σύμβολο εμφανίζεται για διαδικασίες, οι οποίες όταν δεν εκτελεστούν σωστά μπορεί να προκαλέσουν σοβαρό τραυματισμό ή καταστροφή της μονάδας

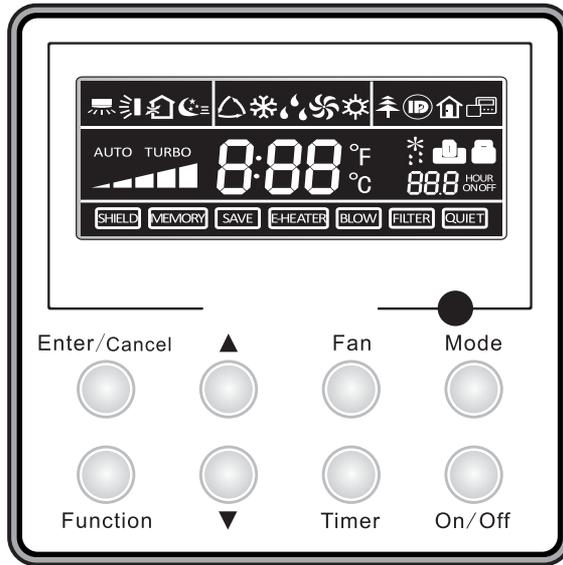
 <b>Προσοχή!</b>
(1). Μην τοποθετείτε το ενσύρματο χειριστήριο σε βρώμικο μέρος ή σε μέρος όπου είναι εκτεθειμένο στον ήλιο.
(2). Μην χτυπάτε ή αποσυναρμολογείτε συχνά το ενσύρματο χειριστήριο
(3). Μην χρησιμοποιείτε το ενσύρματο χειριστήριο με βρεγμένα χέρια και μην επιτρέψετε την εισροή νερού σε αυτό.
(4). Μην τοποθετήσετε ή αποσυνδέσετε το ενσύρματο χειριστήριο μόνοι σας. Επικοινωνήστε με εξουσιοδοτημένο προσωπικό.
(5). Αυτό το ενσύρματο χειριστήριο είναι για διάφορους τύπους κλιματιστικών μονάδων. Κάποιες λειτουργίες οι οποίες δεν έχουν εφαρμογή στις μονάδες δικτύου αεραγωγών δεν θα περιγραφούν σε αυτό το εγχειρίδιο.
(6). Πριν τη χρήση της μονάδας διαβάστε προσεκτικά αυτό το εγχειρίδιο και φυλάξτε το για μελλοντική χρήση.

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## 1 Εισαγωγή στο ενσύρματο χειριστήριο



εικ. 1 Εμφάνιση ενσύρματου χειριστήριου

### 1.1 Εμφάνιση και σύμβολα LCD

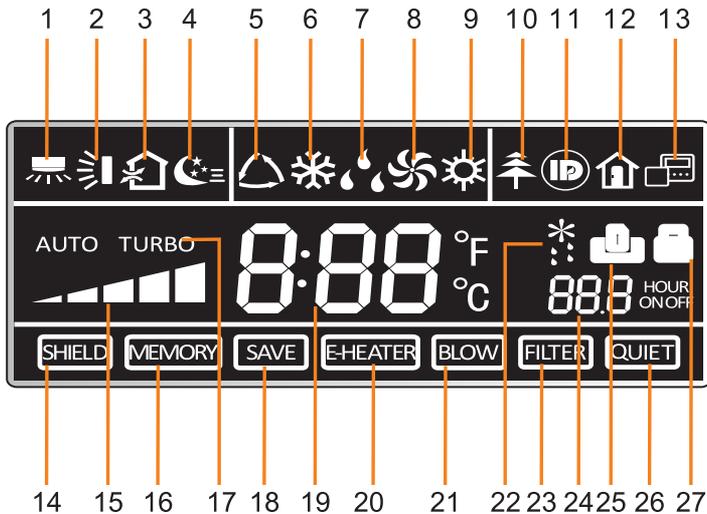


Fig.2 Εμφάνιση της LCD οθόνης

## 1.2 Περιγραφή LCD συμβόλων

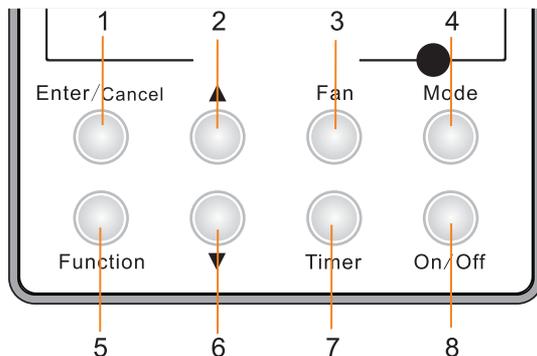
Πίνακας 1

No.	Σύμβολα	Περιγραφή
1		Λειτουργία κίνησης περσίδων αριστερά και δεξιά
2		Λειτουργία κίνησης περσίδων πάνω και κάτω
3		Λειτουργία φρέσκου αέρα
4		Λειτουργία SLEEP
5		Λειτουργία AUTO (αυτόματο)
6		Λειτουργία COOL (ψύξη)
7		Λειτουργία DRY (αφύγραση)
8		Λειτουργία FAN (ανεμιστήρας)
9		Λειτουργία HEAT(θέρμανση)
10		Λειτουργία HEAT
11		Λειτουργία i-demand
12		Λειτουργία Vacation (διακοπών)
13		Κατάσταση κεντρικού και επιμέρους ενσύρματων χειριστηρίων
14		Κλείδωμα Τα πλήκτρα ρύθμισης θερμοκρασίας, “ON/OFF”, “Mode” & “Save” είναι απανεργοποιημένα.
15		Ταχύτητα ανεμιστήρα
16		Λειτουργία memory Μετά από διακοπή ρεύματος η μονάδα θα επανέλθει στις αρχικές ρυθμίσεις
17		Λειτουργία turbo
18		Λειτουργία εξοικονόμησης ενέργειας
19		Ρύθμιση θερμοκρασίας

20		Ηλεκτρική αντίσταση
21		Λειτουργία blow
22		Λειτουργία αποπάγωσης
23		Ρύθμιση φίλτρου
24		Λειτουργία Timer (χρονοδιακόπτη)
25		Έλεγχος με κάρτα κλειδι/Ανίχνευση κατάστασης με την αίσθηση ανθρώπινου σώματος
26		Λειτουργία Quiet
27		Κλείδωμα

## 2 Πλήκτρα

### 2.1 Πλήκτρα



εικ.3 Πλήκτρα

### 2.2 Περιγραφή λειτουργίας πλήκτρων

Πίνακας 2

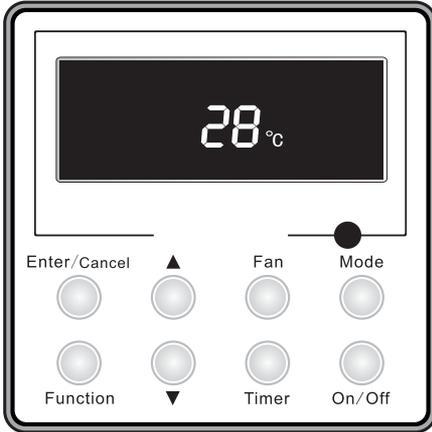
No.	Πλήκτρα	Περιγραφή
1	Enter/Cancel	① . Επιλογή και ακύρωση λειτουργιών ② . Πιέστε το για 5 δευτερόλεπτα για την εμφάνιση της εσωτερικής και εξωτερικής θερμοκρασίας
2	▲	① . Ρύθμιση επιλογής θερμοκρασίας. εύρος: 16-30°C ② . Ρύθμιση Timer. εύρος: 0,5-24 ώρες
6	▼	③ . Επιλογή αέρα ④ . Ρύθμιση Save ⑤ . Επιλογή Clean
3	Fan	Επιλέξτε την ταχύτητα του ανεμιστήρα από μεγάλη, σε μεσαία-μεγάλη, μεσαία, μεσαία-μικρή, μικρή και αυτόματο (auto)
4	Mode	Επιλογή κατάστασης Cool (ψύξη), Heat(θέρμανση) ή Dry(αφύγρανση)
5	Function	Αλλαγή μεταξύ των λειτουργιών SWING/AIR/SLEEP/HEALTH/I-DEMAND/VACATION/TURBO/SAVE/E-HEATER/BLOW/QUIET
7	Timer	Ρύθμιση Timer
8	On/Off	Ενεργοποίηση / απενεργοποίηση της μονάδας
4 mode and 2 ▲	Memory	Πιέστε ταυτόχρονα τα πλήκτρα mode και ▲ για 5 δευτερόλεπτα όταν η μονάδα είναι απενεργοποιημένη για να ενεργοποιήσετε/απενεργοποιήσετε τη λειτουργία Memory (εάν επιλεγεί η λειτουργία Memory, η εσωτερική μονάδα θα επανέλθει στην αρχική της κατάσταση μετά από κάποια διακοπή ρεύματος. Εάν όχι, η μονάδα θα παραμείνει απενεργοποιημένη μετά από κάποια διακοπή ρεύματος. Η λειτουργία Memory είναι εργοστασιακά ρυθμισμένη σε κατάσταση on)
2 ▲ and 6 ▼	Lock	Όταν η μονάδα λειτουργεί χωρίς κάποιο σφάλμα ή όταν η μονάδα είναι απενεργοποιημένη, πιέστε τα πλήκτρα ▲ και ▼ ταυτόχρονα για 5 δευτερόλεπτα για να την κλειδώσετε. Σε αυτή την περίπτωση δεν θα ανταποκρίνεται κανένα πλήκτρο. Πιέστε άλλη μια φορά ταυτόχρονα τα πλήκτρα ▲ και ▼ για 5 δευτερόλεπτα για να ακυρώσετε το κλείδωμα.
4 mode and 6 ▼	°F/°C	Όταν η μονάδα είναι απενεργοποιημένη πιέστε ταυτόχρονα τα πλήκτρα Mode και ▼ για 5 δευτερόλεπτα για να αλλάξετε τη θερμοκρασία από κελσίου σε φarenهایت και αντίστροφα

### 3 Οδηγίες Λειτουργίας

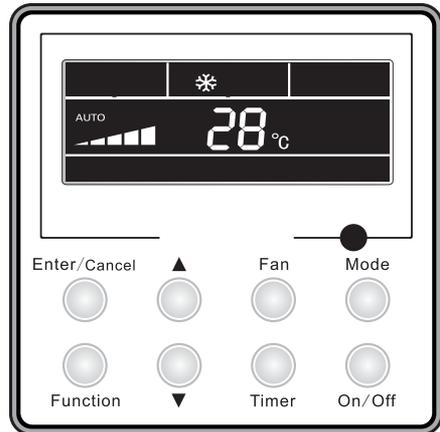
#### 3.1 ON/OFF

Πιέστε το πλήκτρο ON/OFF για να ενεργοποιήσετε και να απενεργοποιήσετε τη μονάδα. Σημειώσεις:

- ① .Η κατάσταση που φαίνεται στην εικ.4, δείχνει την κατάσταση off της μονάδας μετά την ενεργοποίηση.
- ② .Η κατάσταση στην εικ.5 δείχνει την κατάσταση on της μονάδας μετά την ενεργοποίηση.



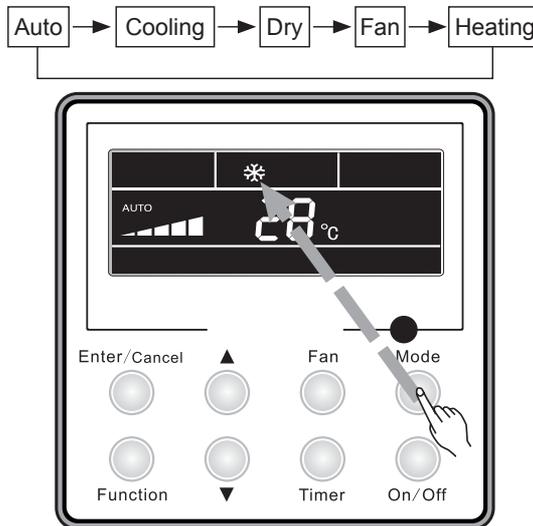
Εικ.4 Κατάσταση OFF



Εικ.5 Κατάσταση ON

#### 3.2 Ρύθμιση κατάστασης λειτουργίας

Όταν η μονάδα είναι ενεργοποιημένη, πιέστε το πλήκτρο Mode για να επιλέξετε την κατάσταση λειτουργίας όπως φαίνεται στην Εικ.6:



Εικ.6

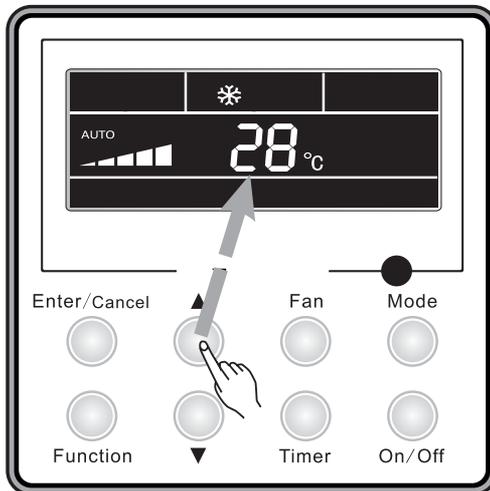
### 3.3 Ρύθμιση Θερμοκρασίας

Πιέστε το πλήκτρο ▲ ή ▼ για να αυξήσετε ή να μειώσετε την επιλεγμένη θερμοκρασία όταν η μονάδα είναι ενεργοποιημένη. Εάν πιέσετε συνεχόμενα κάποιο από τα δύο, η θερμοκρασία θα αυξηθεί ή θα μειωθεί κατά 1°C κάθε 0,5 δευτερόλεπτα.

Κατά τη λειτουργία της ψύξης ανεμιστήρα και θέρμανσης το εύρος ρύθμισης της θερμοκρασίας είναι 16°C-30°C.

Στην κατάσταση Auto δεν υπάρχει δυνατότητα ρύθμισης της θερμοκρασίας.

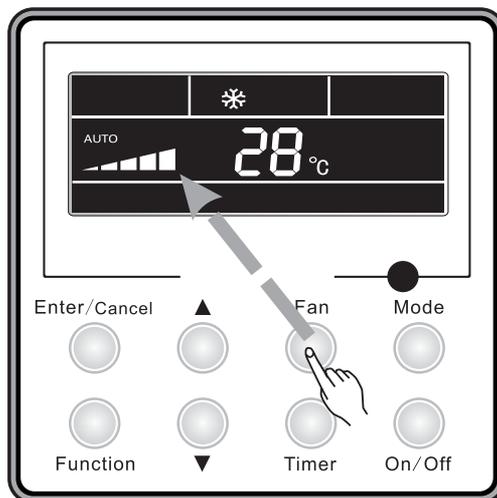
Όπως φαίνεται στην Εικ.7:



Εικ.7 Ρύθμιση θερμοκρασίας

### 3.4 Ρύθμιση ταχύτητας θερμοκρασίας

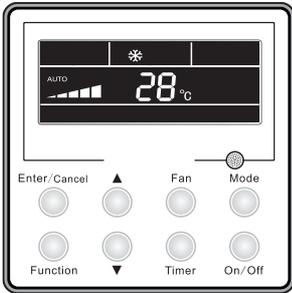
Πιέστε το πλήκτρο Fan της εσωτερικής μονάδας και η ταχύτητα του ανεμιστήρα θα αλλάξει όπως φαίνεται στην Εικ.8:



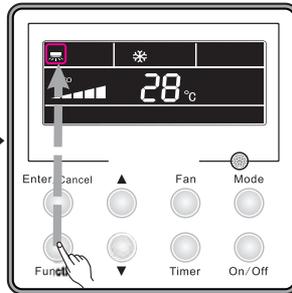
Εικ.8 Ρύθμιση ταχύτητας ανεμιστήρα

### 3.5 Οριζόντια Κίνηση Περισίδων (Δεξιά Και Αριστερά)

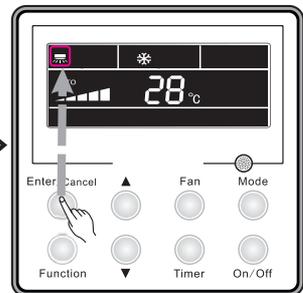
Όταν η μονάδα είναι ενεργοποιημένη, πιέστε το πλήκτρο function για να επιλέξετε την οριζόντια κίνηση περισίδων και έπειτα πιέστε το πλήκτρο enter/cancel για να τη ενεργοποιήσετε τη λειτουργία. Όταν έχετε επιλέξει τη λειτουργία swing, πιέστε το πλήκτρο function για να επιλέξετε την οριζόντια κίνηση περισίδων και έπειτα πιέστε το πλήκτρο enter/cancel για να απενεργοποιήσετε τη λειτουργία.. Η ρύθμιση της οριζόντιας κίνησης των περισίδων (δεξιά και αριστερά ) φαίνεται στην εικ.9



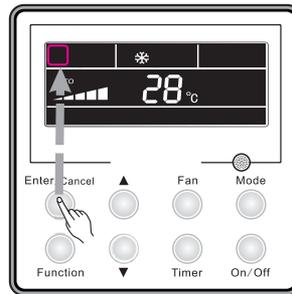
Ενεργοποιημένη η μονάδα χωρίς την επιλογή οριζόντιας κίνησης των περισίδων



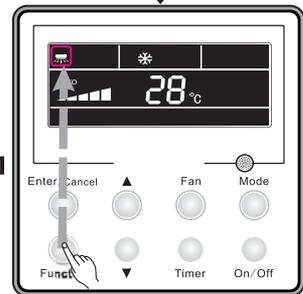
Πιέστε το πλήκτρο function για να ορίσετε την επιλογή της οριζόντιας κίνησης περισίδων



Πιέστε το πλήκτρο enter/cancel για να ενεργοποιήσετε την οριζόντια κίνηση των περισίδων



Πιέστε το πλήκτρο enter/cancel για να ακυρώσετε την οριζόντια κίνηση περισίδων



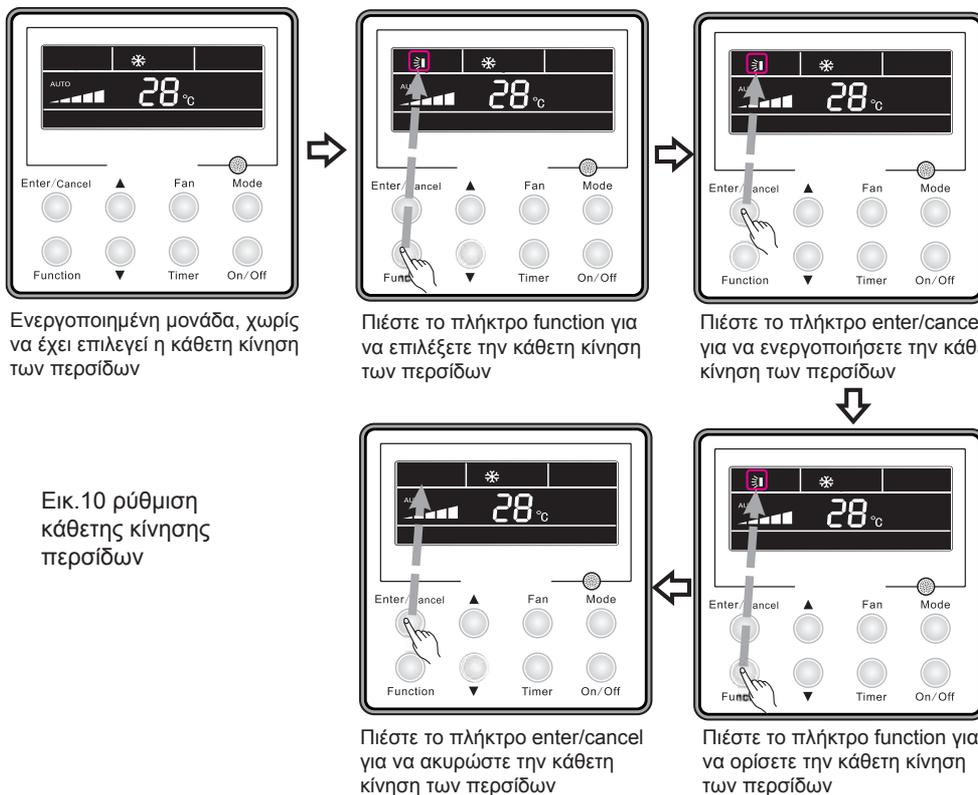
Πιέστε το πλήκτρο function για να ορίσετε την οριζόντια κίνηση των περισίδων

Εικ.9 Οριζόντια κίνηση περισίδων

### 3.6 Κάθετη Κίνηση Περισίδων (Πάνω Και Κάτω)

Όταν η μονάδα είναι ενεργοποιημένη πιέστε το πλήκτρο function για να επιλέξετε την κάθετη κίνηση περισίδων και πιέστε το πλήκτρο enter/cancel για να την ενεργοποιήσετε.

Όταν η κάθετη κίνηση περισίδων έχει επιλεγεί, πιέστε το πλήκτρο function για να επιλέξετε τη λειτουργία κάθετης κίνησης περισίδων και πιέστε το πλήκτρο enter/cancel για να την ακυρώσετε. Η ρύθμιση της κάθετης κίνησης περισίδων φαίνεται στην εικ.10



Εικ.10 ρύθμιση κάθετης κίνησης περισίδων

### 3.7 Ρύθμιση timer

Ρύθμιση timer ▲ ▼ on:

Ρύθμιση ενεργοποίησης της μονάδας.

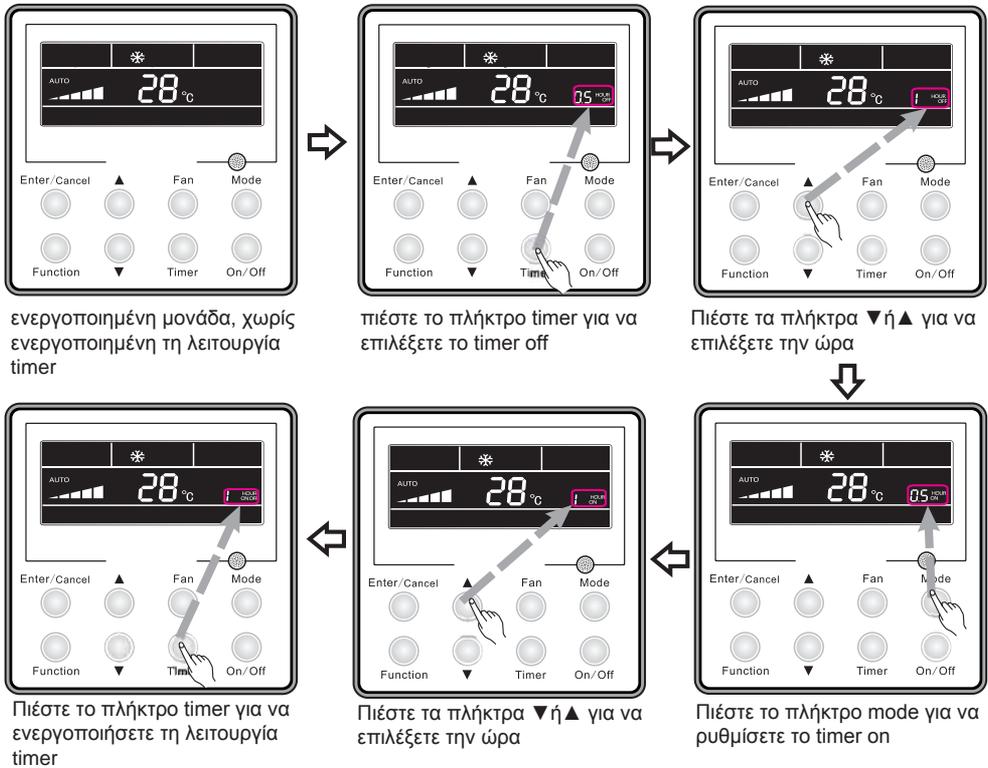
Όταν η μονάδα είναι απενεργοποιημένη, πιέστε το πλήκτρο timer. Χω ώρες θα εμφανίζονται και το on θα αναβοσβήνει. Πιέστε το πλήκτρο ▲/▼ Για να ρυθμίσετε το timer και πιέστε το πλήκτρο timer άλλη μια φορά για επιβεβαίωση. Εάν πριν την επιβεβαίωση πιέστε το πλήκτρο mode, τότε θα επιλεγεί το timer off αυτόματα. Όταν επιλεγεί το timer off, η οθόνη θα εμφανίζει χχ ώρες on off. Η ώρα θα αναφέρεται στην ώρα ενεργοποίησης της μονάδας, ενώ η ώρα απενεργοποίησης δεν θα εμφανίζεται.

Ρυθμιση του timer off:

Ρύθμιση απενεργοποίησης της μονάδας. Όταν η μονάδα είναι ενεργοποιημένη, πιέστε το πλήκτρο timer. Χω ώρες θα εμφανίζονται και το on θα αναβοσβήνει. Πιέστε το πλήκτρο ▲/▼ Για να ρυθμίσετε το timer και πιέστε το πλήκτρο timer άλλη μια φορά για επιβεβαίωση. Εάν πριν την επιβεβαίωση πιέστε το πλήκτρο mode, τότε θα επιλεγεί το timer on αυτόματα. Όταν επιλεγεί το timer on, η οθόνη θα εμφανίζει χχ ώρες on off. Η ώρα θα αναφέρεται στην ώρα απενεργοποίησης της μονάδας, ενώ η ώρα ενεργοποίησης δεν θα εμφανίζεται

Ακύρωση της ρύθμισης του timer: πιέζοντας το πλήκτρο Timer ακυρώνεται η ρύθμιση του timer και το χχ ωρες δεν θα εμφανίζεται.

Στην εικ. 11 φαίνεται η ρύθμιση του timer όταν η μονάδα είναι ενεργοποιημένη:



Εικ.11 Ρύθμιση timer όταν η μονάδα είναι ενεργοποιημένη

Εύρος επιλογής: 0,5 - 24ώρες. Κάθε φορά που πιέζετε το πλήκτρο ▼ή▲ η ρύθμιση θα αυξηθεί ή μειωθεί κατά 0,5 ώρες. Εάν πιέστε συνεχόμενα ένα από τα δυο πλήκτρα, ο χρόνος θα αυξηθεί / μειωθεί αυτόματα κατά 0,5 ώρες δευτερόλεπτα.

Σημειώσεις:

1. Όταν επιλέξετε και το timer on και το timer off, τότε όταν η μονάδα είναι απενεργοποιημένη θα εμφανίζεται το timer on και όταν η μονάδα είναι ενεργοποιημένη θα εμφανίζεται το tier off.
2. Η ρύθμιση timer on θα αρχίσει όταν η μονάδα απενεργοποιηθεί και η ρύθμιση Timer off όταν αντίστοιχα η μονάδα ενεργοποιηθεί.

### 3.8 Ρύθμιση Φρέσκου Αέρα

Πως να ενεργοποιήσετε τη λειτουργία φρέσκου αέρα:

Όταν η μονάδα είναι ενεργοποιημένη, πιέστε το πλήκτρο function για να επιλέξετε τη λειτουργία air. Το αντίστοιχο σύμβολο θα αναβοσβήνει. Πιέστε το πλήκτρο ▼ή▲ για να επιλέξετε το air και πιέστε το πλήκτρο enter/cancel για να ενεργοποιήσετε τη λειτουργία. Όταν η λειτουργία ενεργοποιηθεί θα εμφανίζεται η αντίστοιχη ένδειξη. Το 1 είναι η προεπιλεγμένη ρύθμιση.

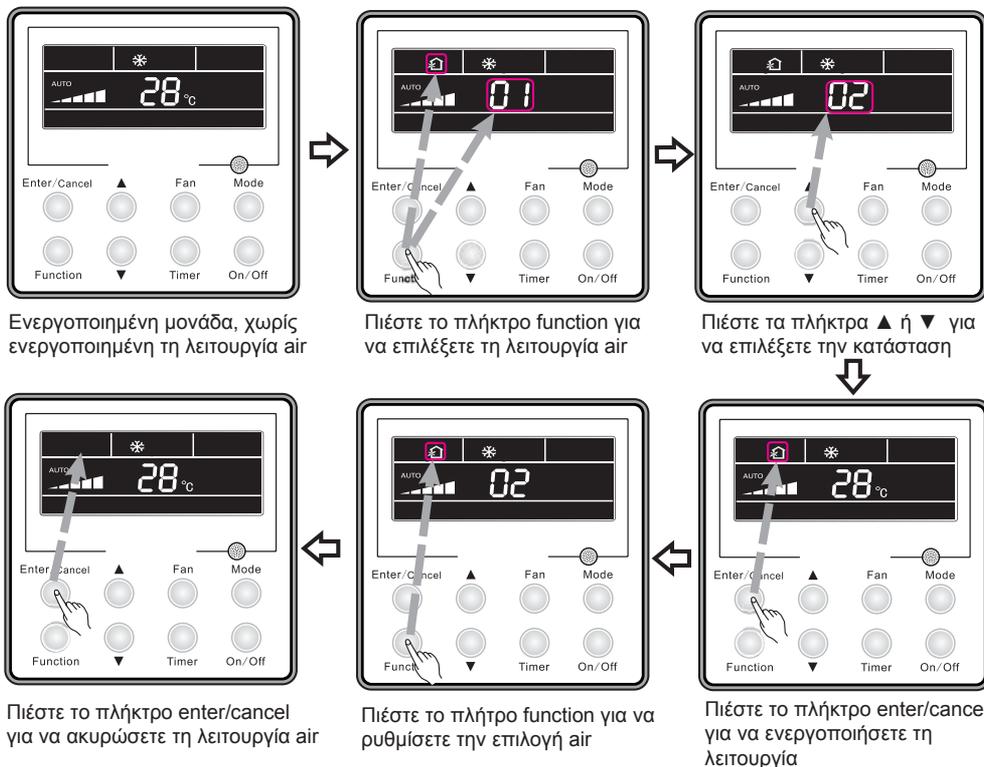
Υπάρχουν 10 επιλογές, αλλά μόνο 1-2 ισχύουν για το ασύρματο τηλεχειριστήριο.

- 1-η μονάδα λειτουργεί συνεχόμενα για 60λεπτά και η βαλβίδα φρέσκου αέρα λειτουργεί για 6 λεπτα.
- 2-η μονάδα λειτουργεί συνεχόμενα για 60λεπτά και η βαλβίδα φρέσκου αέρα λειτουργεί για 12 λεπτα.
- 3-η μονάδα λειτουργεί συνεχόμενα για 60λεπτά και η βαλβίδα φρέσκου αέρα λειτουργεί για 18 λεπτα.
- 4-η μονάδα λειτουργεί συνεχόμενα για 60λεπτά και η βαλβίδα φρέσκου αέρα λειτουργεί για 24 λεπτα.
- 5-η μονάδα λειτουργεί συνεχόμενα για 60λεπτά και η βαλβίδα φρέσκου αέρα λειτουργεί για 30 λεπτα.
- 6-η μονάδα λειτουργεί συνεχόμενα για 60λεπτά και η βαλβίδα φρέσκου αέρα λειτουργεί για 36 λεπτα.
- 7-η μονάδα λειτουργεί συνεχόμενα για 60λεπτά και η βαλβίδα φρέσκου αέρα λειτουργεί για 42 λεπτα.
- 8-η μονάδα λειτουργεί συνεχόμενα για 60λεπτά και η βαλβίδα φρέσκου αέρα λειτουργεί για 48 λεπτα.
- 9-η μονάδα λειτουργεί συνεχόμενα για 60λεπτά και η βαλβίδα φρέσκου αέρα λειτουργεί για 54 λεπτα.
- 10-η μονάδα λειτουργεί συνεχόμενα για 60λεπτά και η βαλβίδα φρέσκου αέρα λειτουργεί συνεχόμενα.

Πως να απενεργοποιήσετε την λειτουργία φρέσκου αέρα:

Όταν η λειτουργία air είναι ενεργοποιημένη, πιάστε το πλήκτρο function για να επιλέξετε τη λειτουργία air. Το αντίστοιχο σύμβολο θα αναβοσβήνει. Πιάστε το πλήκτρο enter/cancel για να απενεργοποιήσετε τη λειτουργία. Όταν η λειτουργία απενεργοποιηθεί θα εξαφανιστεί η αντίστοιχη ένδειξη

Η ρύθμιση του φρέσκου αέρα φαίνεται στη εικ.12



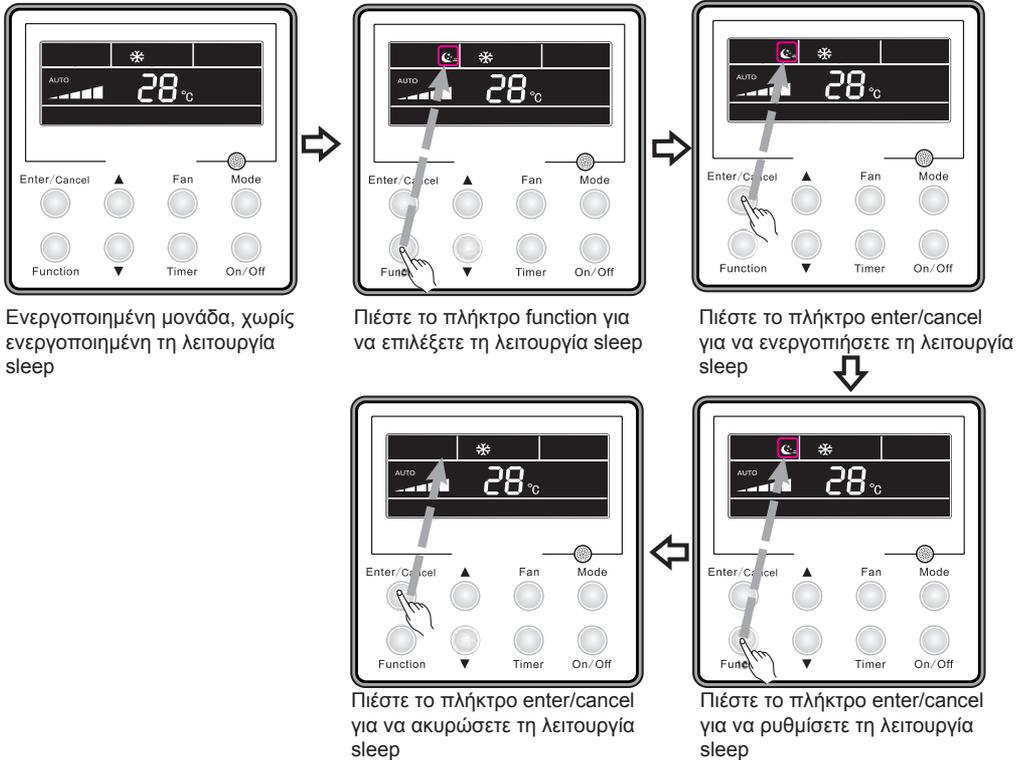
Εικ.12 Ρύθμιση φρέσκου αέρα

### 3.9 Ρύθμιση sleep

Sleep on: όταν η μονάδα είναι ενεργοποιημένη, επιλέξτε τη λειτουργία sleep και έπειτα πιέστε το πλήκτρο enter/cancel για να την ενεργοποιήσετε.

Sleep off: όταν η λειτουργία είναι ενεργοποιημένη, πιέστε το πλήκτρο function για να επιλέξετε τη λειτουργία sleep και έπειτα πιέστε το πλήκτρο enter/cancel για να την ακυρώσετε.

Η ρύθμιση sleep φαίνεται στη εικ.13:

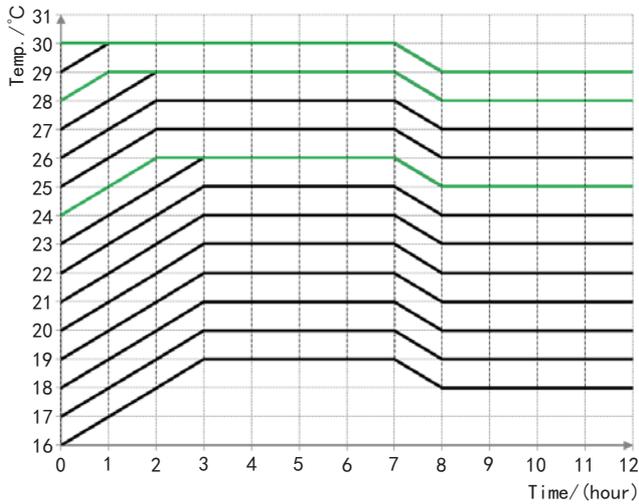


Εικ.13 Ρύθμιση λειτουργίας sleep

Σημειώσεις:

- ① . Μετά από διακοπή ρεύματος η ρύθμιση sleep είναι προεπιλεγμένη σε κατάσταση OFF
- ② . Σε κατάσταση Fan η λειτουργία Sleep δεν μπορεί να επιλεγεί
- ③ . Όταν επιλεγεί η αθόρυβη λειτουργία, θα συνεχίζει να λειτουργεί ανεξάρτητα από τη επιλογή της λειτουργίας Sleep.
- ④ . Όταν η μονάδα λειτουργεί σε ψύξη και η επιλογή Sleep είναι ενεργοποιημένη, το εύρος ρύθμισης της θερμοκρασίας είναι 16~23°C, 24~27°C, 28~29°C ή 30°C. Η κάθεμια έχει διαφορετική καμπύλη, όπως φαίνεται στη εικ.14.

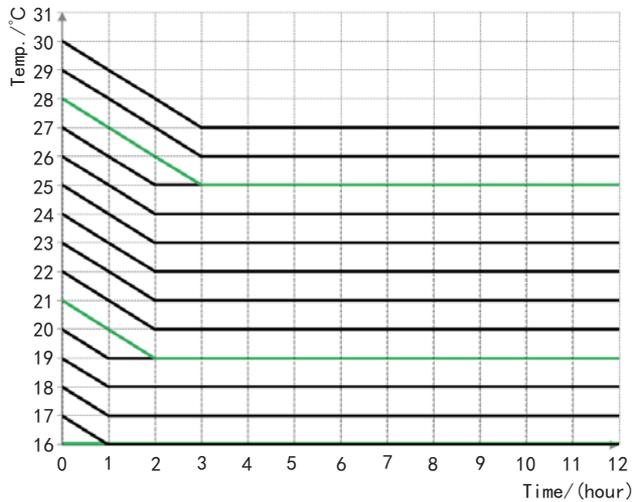
π.χ. εάν η επιλεγμένη θερμοκρασία είναι 25°C, η θερμοκρασία θα αυξηθεί κατά 1°C ανά 1 ώρα μέχρι να φτάσει τους 27°C. 7 ώρες μετά η θερμοκρασία θα πέσει στους 26°C και η μονάδα θα λειτουργεί σε αυτή τη θερμοκρασία.



Εικ14 Καμπύλη λειτουργίας Sleep σε κατάσταση ψύξης

Όταν η μονάδα λειτουργεί σε θέρμανση και η επιλογή Sleep είναι ενεργοποιημένη, το εύρος ρύθμισης της θερμοκρασίας είναι 16°C, 17~20°C, 21~27°C or 28~30°C. Η κάθε μια έχει διαφορετική καμπύλη, όπως φαίνεται στη εικ. 15

π.χ. εάν η επιλεγμένη θερμοκρασία είναι 22°C, η θερμοκρασία θα μειωθεί κατά 1°C ανά 1 ώρα μέχρι να φτάσει τους 20°C και η μονάδα θα λειτουργεί σε αυτή τη θερμοκρασία

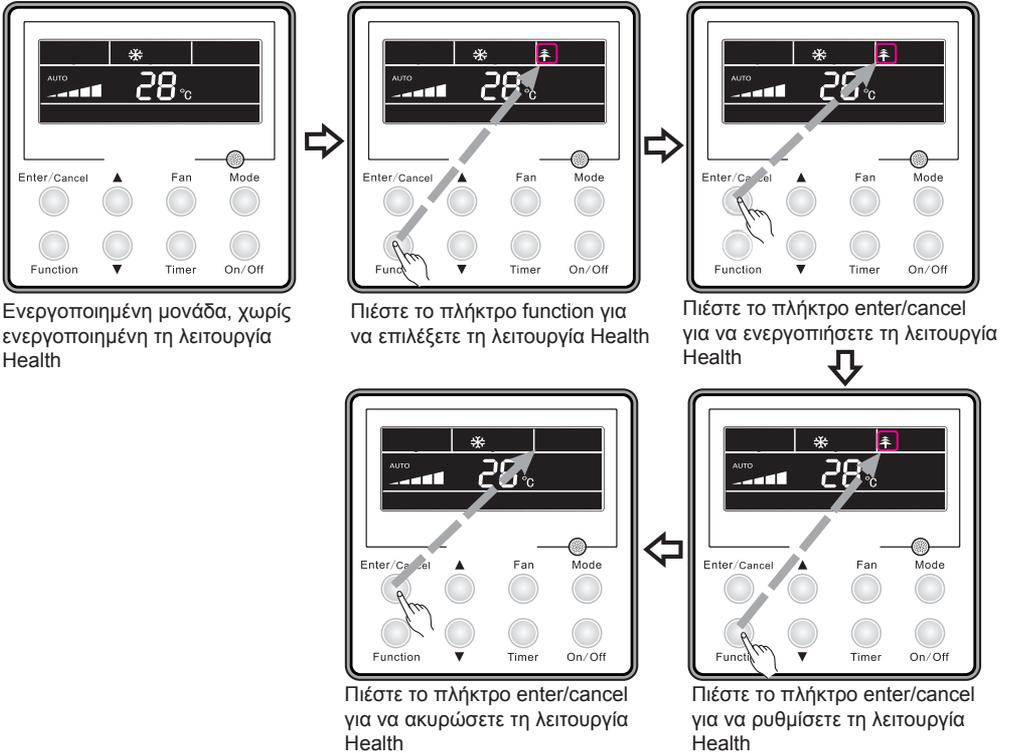


Εικ.15 Καμπύλη λειτουργίας Sleep σε κατάσταση θέρμανσης

### 3.10 Ρύθμιση Health

Όταν η μονάδα είναι ενεργοποιημένη, πιέστε το πλήκτρο function για να επιλέξετε τη λειτουργία Health, με την αντίστοιχη ένδειξη να αναβοσβήνει. Πιέστε το πλήκτρο enter / cancel για να ενεργοποιήσετε τη λειτουργία.

Όταν η λειτουργία είναι ενεργοποιημένη, πιέστε το πλήκτρο Function για να επιλέξετε τη λειτουργία Health, με την αντίστοιχη ένδειξη να αναβοσβήνει. Πιέστε το πλήκτρο enter / cancel για να ακυρώσετε τη λειτουργία. Η ρύθμιση της λειτουργίας Health φαίνεται στην εικ. 16:



Εικ.16 Ρύθμιση λειτουργίας Health

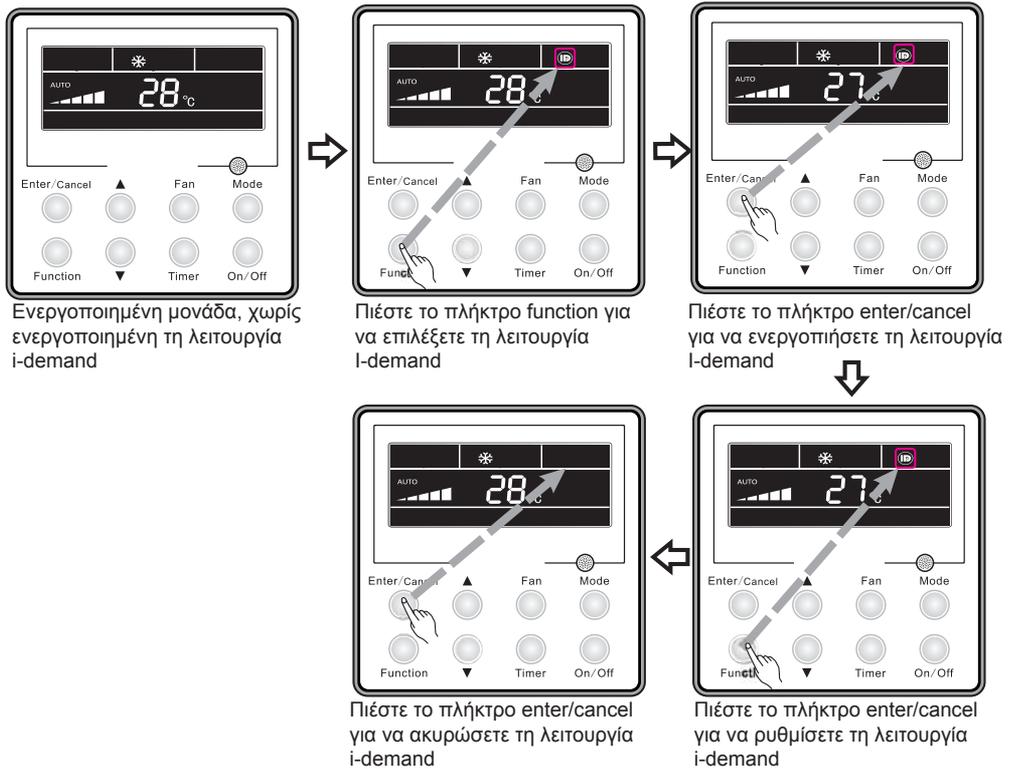
Σημείωση:

- ① . Λειτουργία Health μπορεί να ακυρωθεί απενεργοποιώντας τη μονάδα
- ② . Η λειτουργία Health μπορεί να ακυρωθεί αλλάζοντας την κατάσταση λειτουργίας
- ③ . Μετά από διακοπή ρεύματος η λειτουργία Health θα είναι αποθηκευμένη

### 3.11 Ρύθμιση I-Demand

Κατά τη λειτουργία τη ψύξης, πιέστε το πλήκτρο Function και η ένδειξη i-demand θα αναβοσβήνει. Πιέστε το πλήκτρο enter/cancel για να ενεργοποιήσετε τη λειτουργία i-demand. Όταν η λειτουργία i-demand είναι ενεργοποιημένη, πιέστε το πλήκτρο function και η ένδειξη i-demand θα αναβοσβήνει. Πιέστε το πλήκτρο enter/cancel για να απενεργοποιήσετε τη λειτουργία i-demand.

Η ρύθμιση της λειτουργίας i-demand φαίνεται στη εικ.17:



Εικ.17 Ρύθμιση i-demand

Σημείωση:

- ① . Η λειτουργία i-demand μπορεί να ακυρωθεί είτε από την επιλογή mode είτε από το on/off
- ② . Μετά από κάποια διακοπή ρεύματος η λειτουργία i-demand θα είναι αποθηκευμένη
- ③ . Η λειτουργία i-demand δεν μπορεί να επιλεγθεί στιγμιαία και μπορεί να ακυρωθεί από τις λειτουργίες sleep & quiet
- ④ . Όταν επιλεγθεί η λειτουργία i-demand , η μονάδα θα λειτουργεί σε κατάσταση αυτόματης ταχύτητας ανεμιστήρα. η επιλογή turbo δεν έχει εφαρμογή.
- ⑤ . Όταν επιλεγθεί η λειτουργία i-demand, η ρυθμισμένη θερμοκρασία 27°C δεν μπορεί να μεταβληθεί
- ⑥ . Όταν το χειριστήριο κλειδωθεί, δεν μπορείτε να επιλέξετε τη λειτουργία i-demand

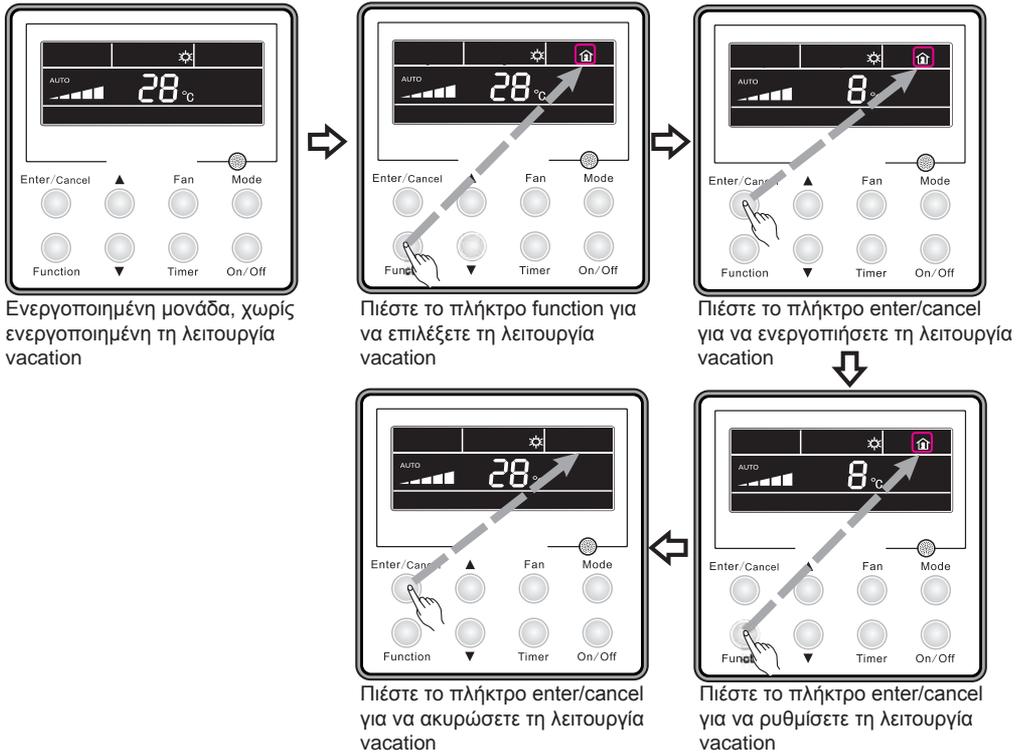
3.12 Ρύθμιση Vacation (διακοπών)

Λειτουργία vacation: Διατηρεί την εσωτερική θερμοκρασία και ενεργοποιεί αν χρειαστεί γρήγορη θέρμανση.

Σε κατάσταση θέρμανσης πιέστε το πλήκτρο function για να επιλέξετε το vacation και στην οθόνη θα αναβοσβήνει η ένδειξη vacation. Πιέστε το πλήκτρο enter/cancel για να ενεργοποιήσετε τη λειτουργία.

Όταν η λειτουργία vacation είναι ενεργοποιημένη πιέστε το πλήκτρο function για να επιλέξετε το vacation. Πιέστε το πλήκτρο enter/cancel για να ακυρώσετε τη λειτουργία.

Η ρύθμιση της λειτουργίας vacation φαίνεται στη εικ. 18:



Εικ.18 Ρύθμιση Vacation

Σημείωση:

- ① . Η λειτουργία vacation μπορεί να ρυθμιστεί μόνο σε κατάσταση θέρμανσης
- ② . Η λειτουργία turbo θα ακυρωθεί όταν επιλεγεί η λειτουργία vacation
- ③ . Οι λειτουργίες sleep & quiet θα ακυρωθούν όταν επιλεγεί η λειτουργία vacation
- ④ . Μετά από διακοπή ρεύματος η λειτουργία vacation θα έχει αποθηκευτεί
- ⑤ . Όταν έχει επιλεγεί η λειτουργία vacation, δεν μπορείτε να κλειδώσετε την επιλογή της θερμοκρασίας. Αντίθετα, η επιλογή vacation δεν μπορεί να επιλεγεί όταν έχει ενεργοποιηθεί το κλείδωμα.
- ⑥ . Όταν επιλεγεί η λειτουργία vacation, η θερμοκρασία που φαίνεται στην οθόνη του ενσύρματου χειριστήριου είναι 8°C. Ο εσωτερικός ανεμιστήρας θα λειτουργεί σαν να είναι στο auto.
- ⑦ . Η λειτουργία vacation θα ακυρωθεί όταν αλλάξει η κατάσταση λειτουργίας. Η θερμοκρασία τότε θα επανέλθει στην αρχική κατάσταση πριν την επιλογή της συγκεκριμένης λειτουργίας.

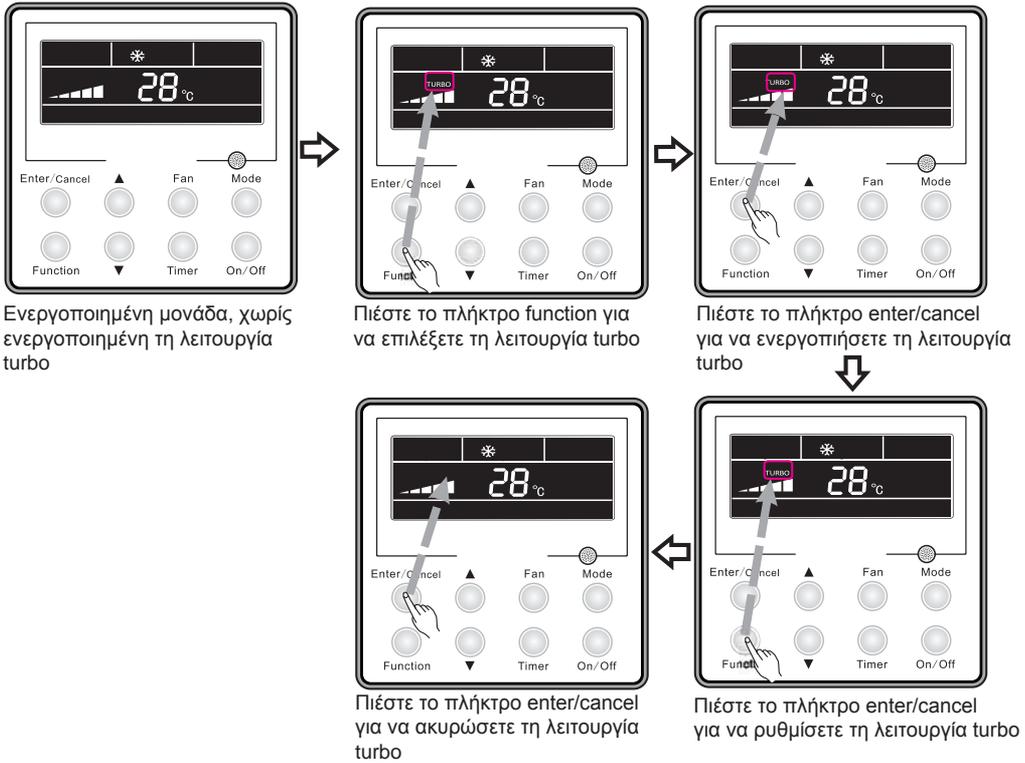
### 3.13 Ρύθμιση Λειτουργίας Turbo

Λειτουργία turbo: Όταν η μονάδα λειτουργεί με τη μέγιστη ταχύτητα ανεμιστήρα, μπορεί να επιτύχει γρήγορη ψύξη ή θέρμανση, έτσι ώστε η θερμοκρασία να φτάσει γρήγορα την επιλεγμένη.

Σε κατάσταση cool / heat, πιέστε το πλήκτρο function για να επιλέξετε τη λειτουργία turbo και πιέστε το πλήκτρο enter/cancel για να την ενεργοποιήσετε.

Όταν η λειτουργία turbo είναι ενεργοποιημένη, πιέστε το πλήκτρο function για να επιλέξετε τη λειτουργία turbo και πιέστε το πλήκτρο enter/cancel για να την ακυρώσετε.

Στην εικ. 19 φαίνεται η ρύθμιση της λειτουργίας turbo:



Εικ. 19 Ρύθμιση Λειτουργίας Turbo

Σημειώσεις:

- ① . Η λειτουργία turbo θα επανέλθει μετά απο διακοπή ρεύματος και όταν η μονάδα βρίσκεται σε κατάσταση dry, fan και auto η συγκεκριμένη λειτουργία δεν έχει εφαρμογή.
- ② . Η λειτουργία turbo θα ακυρωθεί όταν επιλεγεί η λειτουργία quiet.
- ③ . Η λειτουργία του ανεμιστήρα μπορεί να χρησιμοποιηθεί για τη ρύθμιση της λειτουργίας turbo.

### 3.14 Ρύθμιση Λειτουργίας SAVE

Λειτουργία Energy Saving (εξοικονόμηση ενέργειας): Σε αυτή τη λειτουργία η μονάδα λειτουργεί στην ψύξη ή αφύγρανση με επιλεγμένη θερμοκρασία μικρότερη από αυτή που έχετε επιλέξει και στη θέρμανση σε μεγαλύτερη θερμοκρασία από αυτή που έχετε επιλέξει.

1. Ρύθμιση της λειτουργίας Energy Saving για την ψύξη

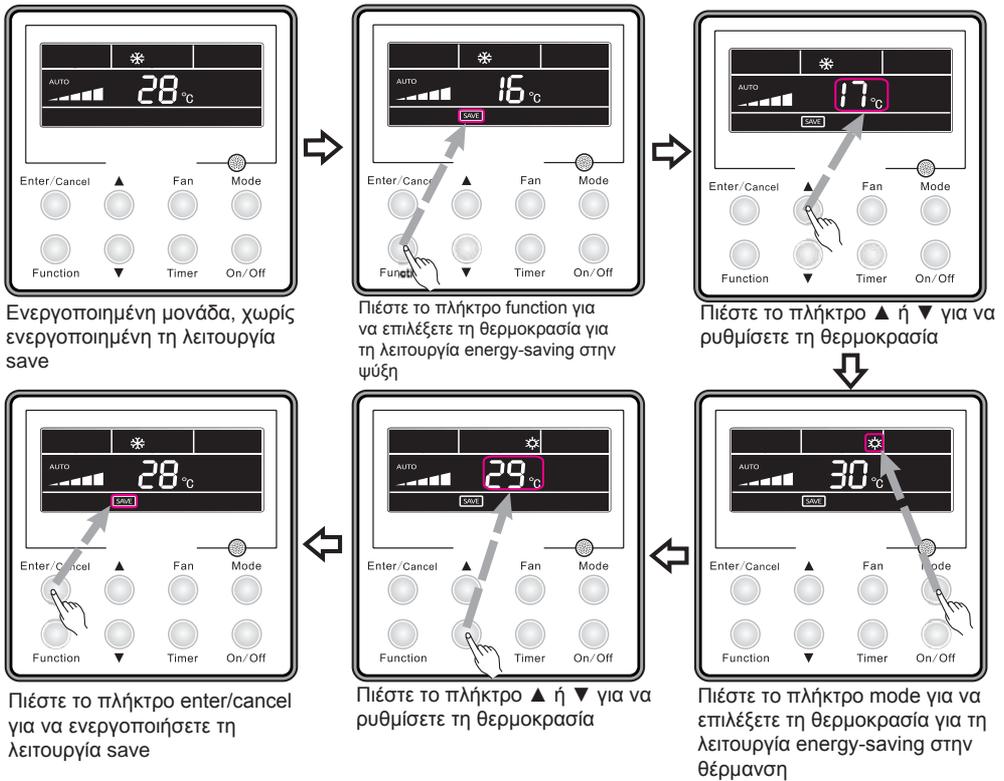
Όταν η μονάδα λειτουργεί σε κατάσταση cool/dry, πιέστε το πλήκτρο function για να επιλέξετε τη λειτουργία Save και η ένδειξη Save θα αναβοσβήνει. Πιέστε το πλήκτρο ▲ ή ▼ για να επιλέξετε την μικρότερη θερμοκρασία και πιέστε το πλήκτρο enter/cancel για να την ενεργοποιήσετε.

2. Ρύθμιση λειτουργίας Energy Saving στη θέρμανση

Όταν η μονάδα λειτουργεί σε κατάσταση θέρμανση, πιέστε το πλήκτρο function για να επιλέξετε τη λειτουργία Save και η ένδειξη Save θα αναβοσβήνει. Πιέστε το πλήκτρο ▲ ή ▼ για να επιλέξετε την μέγιστη θερμοκρασία και πιέστε το πλήκτρο enter/cancel για να την ενεργοποιήσετε.

Μπορείτε να απενεργοποιήσετε τη συγκεκριμένη λειτουργία πιέζοντας αρχικά το πλήκτρο Function για να επιλέξετε την λειτουργία Save και πιέστε το πλήκτρο enter/cancel για να την ακυρώσετε.

Στην εικ. 20 φαίνεται η ρύθμιση της λειτουργίας Energy Saving:



Εικ.20 Ρύθμιση λειτουργίας Save

Σημειώσεις:

- ① . Όταν η μονάδα λειτουργεί σε κατάσταση auto και ενεργοποιήσετε τη λειτουργία save, τότε η μονάδα θα σταματήσει να λειτουργεί σε κατάσταση mode και θα λειτουργεί στην τρέχουσα κατάσταση. Η λειτουργία Sleep θα ακυρωθεί όταν επιλεγεί η λειτουργία Save.
- ② . Κατά τη ρύθμιση της λειτουργίας Save, εάν πιέσετε το πλήκτρο function ή αν εντός 5°C δευτερολέπτων δεν κάνετε την επιλογή, τότε θα ακυρωθεί η λειτουργία Save και δεν θα αποθηκευτεί κανένα δεδομένο στην μνήμη.
- ③ . Η λειτουργία Save παραμένει στη μνήμη μετά από διακοπή ρεύματος.
- ④ . Η ελάχιστη ρύθμιση θερμοκρασίας για την ψύξη είναι 16°C και η μέγιστη ρύθμιση για τη θέρμανση είναι 30°C.
- ⑤ . Κατά την ρύθμιση της λειτουργίας Save, εάν η θερμοκρασία ξεπεράσει τα όρια, τότε θα διατηρηθεί η οριακή θερμοκρασία

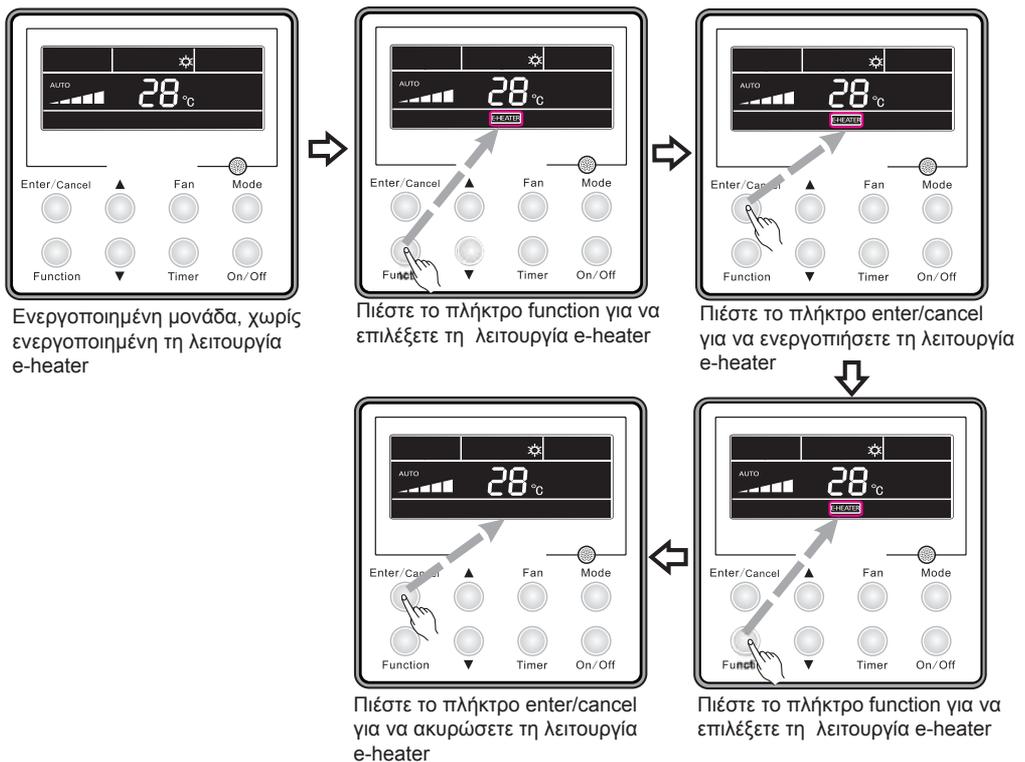
### 3.15 Ρύθμιση (ηλεκτρικής αντίστασης ) e-Heater

E-heater: όταν η μονάδα λειτουργεί σε θέρμανση η λειτουργία e-heater μπορεί να ενεργοποιηθεί για την βελτίωση της θερμικής απόδοσης. Γενικά, ενεργοποιείται αυτόματα όταν η μονάδα λειτουργεί σε θέρμανση.

Ενεργοποίηση της λειτουργίας e-heater: Πιέστε το πλήκτρο function για να επιλέξετε την λειτουργία e-heater και η ένδειξη e-heater θα αναβοσβήνει. Πιέστε το πλήκτρο enter/cancel για να την ενεργοποιήσετε και τότε η ένδειξη θα είναι σταθερά αναμμένη.

Απενεργοποίηση της λειτουργίας e-heater: Πιέστε το πλήκτρο function για να επιλέξετε την λειτουργία e-heater και η ένδειξη e-heater θα αναβοσβήνει. Πιέστε το πλήκτρο enter/cancel για να την ακυρώσετε

Η ρύθμιση της λειτουργίας e-heater φαίνεται στην εικ. 21:



Εικ.21 Ρύθμιση Λειτουργίας e-heater

Σημείωση: Η λειτουργία e-heater δεν είναι διαθέσιμη στην κατάσταση cool, dry, fan και τότε δεν εμφανίζεται η ένδειξη e-heater.

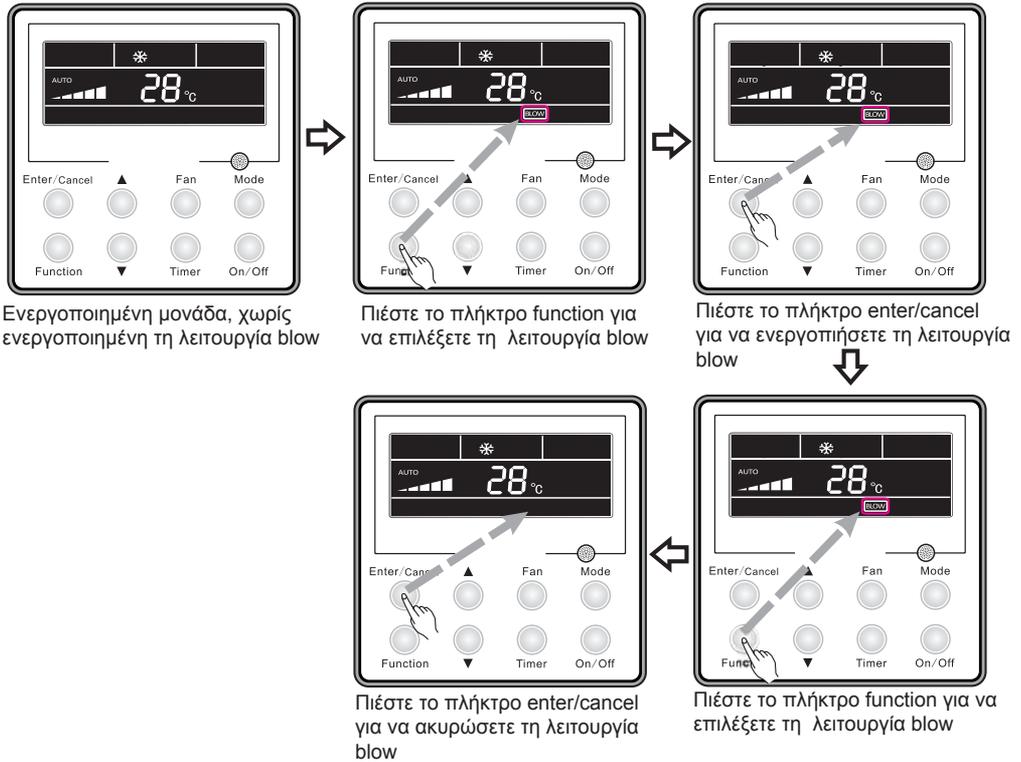
### 3.16 Ρύθμιση Λειτουργίας Blow

Λειτουργία blow: όταν η μονάδα απενεργοποιηθεί, η υγρασία που τυχόν υπάρχει μέσα στην εσωτερική μονάδα θα εξατμιστεί αυτόματα για την αποφυγή εμφάνισης μούχλας.

Ενεργοποίηση της λειτουργίας blow: Όταν η μονάδα λειτουργεί σε κατάσταση coll/dry, πιέστε το πλήκτρο function για να επιλέξετε τη λειτουργία blow. Η ένδειξη bow θα αναβοσβήνει στην οθόνη και με το πλήκτρο enter/cancel μπορείτε να την ενεργοποιήσετε.

Ακύρωση της λειτουργίας blow: Μπορείτε να ακυρώσετε τη λειτουργία blow, πιέζοντας αρχικά το πλήκτρο function για να επιλέξετε τη λειτουργία blow και πιέστε το πλήκτρο enter/cancel

Στην εικ. 22 φαίνεται η ρύθμιση της λειτουργίας blow:



Εικ. 22 Ρύθμιση Λειτουργίας Blow

Σημειώσεις:

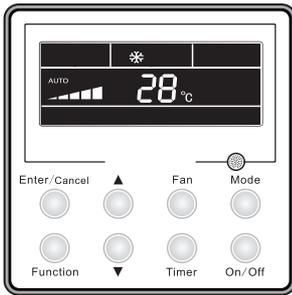
- ① . Όταν η λειτουργία blow είναι ενεργοποιημένη, κατά την απενεργοποίηση της μονάδας ο ανεμιστήρας της εσωτερικής μονάδας θα λειτουργεί στην χαμηλή ταχύτητα για περίπου 10 λεπτά. Όταν δεν έχετε επιλέξει τη λειτουργία blow, τότε κατά την απενεργοποίηση της μονάδας θα σταματήσει αμέσως να λειτουργεί.
- ② . Η λειτουργία blow δεν είναι διαθέσιμη όταν η μονάδα λειτουργεί σε κατάσταση heat/fan.

### 3.17 Ρύθμιση Filter (φίλτρου).

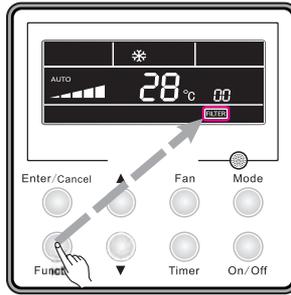
Όταν η μονάδα είναι σε κατάσταση on, πιέστε το πλήκτρο function για να επιλέξετε τη λειτουργία Filter με την αντίστοιχη ένδειξη να αναβοσβήνει. Το επιλεγμένο επίπεδο μόλυνσης θα φαίνεται στο πεδίο Timer. Πιέστε το πλήκτρο ▲ ή ▼ για να επιλέξετε το επίπεδο που θέλετε και πιέστε το πλήκτρο enter/cancel για να ενεργοποιήσετε τη λειτουργία.

Για να ακυρώσετε την λειτουργία Filter, πιέστε το πλήκτρο Function με την αντίστοιχη ένδειξη να αναβοσβήνει. Πιέστε το πλήκτρο ▲ ή ▼ μέχρι στο πεδίου του timer να εμφανιστεί "00" και πιέστε το πλήκτρο enter/cancel.

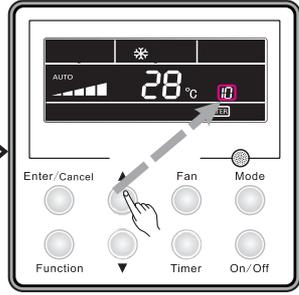
Η ρύθμιση της λειτουργίας filter φαίνεται στην εικ. 23:



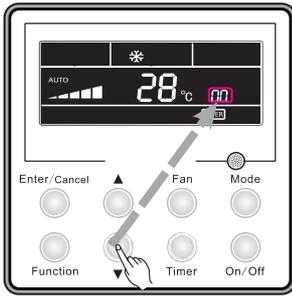
Ενεργοποιημένη μονάδα, χωρίς ενεργοποιημένη τη λειτουργία filter



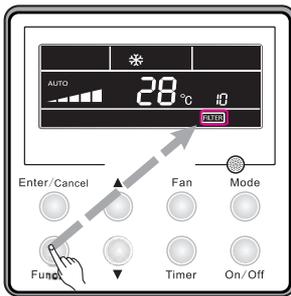
Πιέστε το πλήκτρο function για να επιλέξετε τη λειτουργία filter



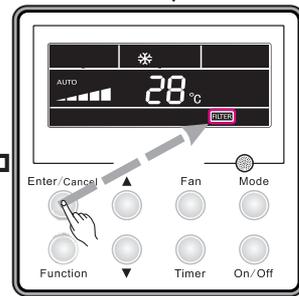
Πιέστε τα πλήκτρα ▲ ή ▼ για να επιλέξετε το επίπεδο μόλυψης



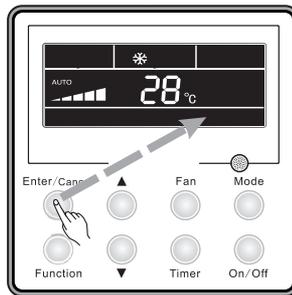
Πιέστε τα πλήκτρα ▲ ή ▼ μέχρι να εμφανιστεί στο πεδίο timer η ένδειξη "00"



Πιέστε το πλήκτρο function για να επιλέξετε τη λειτουργία filter



Πιέστε το πλήκτρο enter/cancel για να ενεργοποιήσετε τη λειτουργία filter



Πιέστε το πλήκτρο enter/cancel για να ακυρώσετε τη λειτουργία filter

Εικ.23 Ρύθμιση Λειτουργίας Filter

Κατά τη ρύθμιση της λειτουργίας Filter στο πεδίο του Timer εμφανίζονται 2 νούμερα. Το πρώτο νούμερο υποδεικνύει το επίπεδο μόλυψης και το δεύτερο υποδεικνύει το μέσο χρόνο λειτουργίας του εσωτερικού ανεμιστήρα.

Στο σύνολο υπάρχουν 4 καταστάσεις (στο πεδίο του Timer εμφανίζεται η λενδειξη "00")

- ① . Καμιά ρύθμιση λειτουργίας Filter (ένδειξη "00")
- ② . Όταν η μόλυψη φτάσει στο μέγιστο επίπεδο τότε στο πρώτο ψηφίο θα εμφανιστεί το 1, ενώ όταν στο δεύτερο εμφανίζεται το 0 σημαίνει πως ο χρόνος λειτουργίας έχει φτάσει τις 5500 ώρες. Κάθε αύξηση στο δεύτερο ψηφίο σημαίνει αύξηση του χρόνου λειτουργίας κατά 500 ώρες. Όταν εμφανιστεί το 9, σημαίνει πως η μονάδα έχει φτάσει τις 10000 ώρες λειτουργίας.
- ③ . Όταν το επίπεδο μόλυψης είναι μεσαίο, τότε θα εμφανιστεί στο πρώτο ψηφίο το 2 και όταν στο δεύτερο ψηφίο υπάρχει το 0 σημαίνει ότι ο χρόνος λειτουργίας είναι 1400ώρες.

Κάθε αύξηση στο 2ο ψηφίο σημαίνει ότι προστέθηκαν άλλες 400 ώρες λειτουργίας. Όταν εμφανιστεί το 9, σημαίνει πως οι ώρες λειτουργίας έχουν φτάσει τις 5000 ώρες.

- ④ . Όταν η μόλυνση φτάσει σε επικίνδυνο επίπεδο, τότε στο πρώτο ψηφίο θα εμφανιστεί η ένδειξη 3 και όταν στο δεύτερο ψηφίο υπάρχει το 0 σημαίνει πως οι ώρες λειτουργίας έχουν φτάσει τις 100. Κάθε αύξηση στο 2ο ψηφίο σημαίνει αύξηση των ωρών λειτουργίας κατά 100 ώρες. Όταν εμφανιστεί η ένδειξη 9, τότε οι ώρες λειτουργίας θα έχουν φτάσει τις 1000.

Επίπεδο μόλυνσης ανάλογα με τις ώρες λειτουργίας:

Πίνακας 3

Επίπεδο Μόλυνσης	Ωρες λειτουργίας (h)	Επίπεδο Μόλυνσης	Ωρες λειτουργίας (h)	Επίπεδο Μόλυνσης	Ωρες λειτουργίας (h)
10	5500	20	1400	30	100
11	6000	21	1800	31	200
12	6500	22	2200	32	300
13	7000	23	2600	33	400
14	7500	24	3000	34	500
15	8000	25	3400	35	600
16	8500	26	3800	36	700
17	9000	27	4200	37	800
18	9500	28	4600	38	900
19	10000	29	5000	39	1000

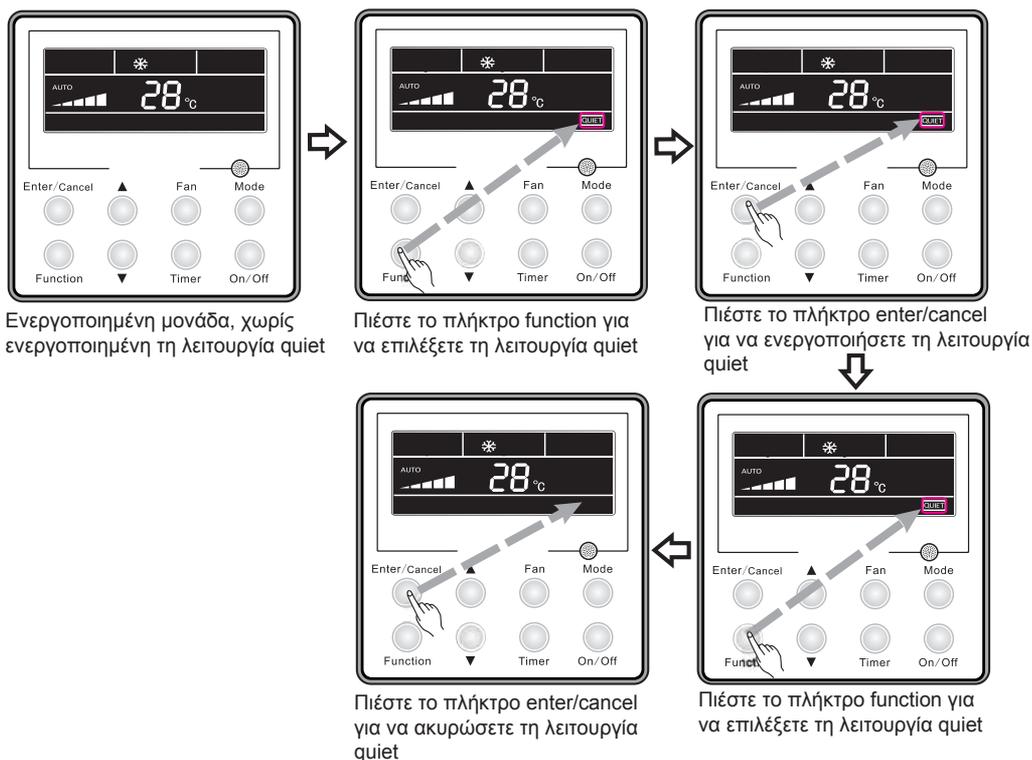
Σημείωση:

- ① . Εάν η λειτουργία filter έχει ρυθμιστεί σωστά, τότε η ένδειξη **FILTER** θα είναι σταθερά αναμμένη. Εάν δεν είναι απαραίτητος ο καθαρισμός του φίλτρου, ανεξάρτητα από το αν έχει γίνει αλλαγή στη ρύθμιση, η μονάδα δεν θα επανεκκινήσει τον χρόνο αν δεν πιέσετε το πλήκτρο enter/cancel.
- ③ . Εάν πρέπει να καθαριστεί το φίλτρο, τότε όταν η μονάδα βρίσκεται σε κατάσταση on/off θα αναβοσβήνει η ένδειξη filter κάθε 0,5 δευτερόλεπτα για να υπενθυμίσει στον χρήστη ότι πρέπει να καθαρίσει το φίλτρο. Πιέστε το πλήκτρο function για τη ρύθμιση με την ένδειξη **FILTER** να αναβοσβήνει. Πιέστε το πλήκτρο ▲ ή ▼ για να ορίσετε το επίπεδο μόλυνσης και πιέστε το πλήκτρο enter/cancel για να ενεργοποιήσετε τη λειτουργία. Εάν το επίπεδο μόλυνσης είναι μικρότερο από το προηγούμενο η ένδειξη **FILTER** θα συνεχίσει να αναβοσβήνει. Εάν το επίπεδο μόλυνσης είναι σοβαρό θα εξαφανιστεί η ένδειξη.. Και η λειτουργία filter θα συνεχίσει να λειτουργεί.
- ④ . Για να ακυρώσετε τη συγκεκριμένη λειτουργία, όταν η ένδειξη **FILTER** αναβοσβήνει, αφήστε να εμφανιστεί η ένδειξη "00", όποτε και θα μηνδενιστεί ο χρόνος.

### 3.18 Ρύθμιση Λειτουργίας Quiet

Πιέστε το πλήκτρο Function για να επιλέξετε τη λειτουργία Quiet με την αντίστοιχη ένδειξη να αναβοσβήνει. Πιέστε το πλήκτρο enter/cancel για να ενεργοποιήσετε τη λειτουργία. Όταν η λειτουργία Quiet είναι ενεργή, πιέστε το πλήκτρο Function για να επιλέξετε τη λειτουργία Quiet με την αντίστοιχη ένδειξη να αναβοσβήνει. Πιέστε το πλήκτρο enter/cancel για να ακυρώσετε τη λειτουργία.

Στην Εικ. 24 φαίνεται η ρύθμιση της λειτουργίας Quiet:



Εικ.24 Ρύθμιση Λειτουργίας Quiet

## Σημειώσεις:

- ① . Η λειτουργία Quiet δεν έχει εφαρμογή σε κατάσταση λειτουργίας fan/dry. Μετά από διακοπή ρεύματος ή λειτουργία Quiet θα απενεργοποιηθεί.
- ② . Εάν επιλεγεί η λειτουργία Quiet θα ακυρωθεί η λειτουργία Turbo.

## 3.19 Ρύθμιση Ultra-Dry

Όταν η μονάδα λειτουργεί σε κατάσταση Dry και όταν η θερμοκρασία είναι ρυθμισμένη στους 16°C, πιέστε το πλήκτρο ▼ 2 φορές και η θερμοκρασία θα αλλάξει σε 12°C. Τότε η μονάδα θα μπει σε λειτουργία ultra-dry.

Όταν η συγκεκριμένη λειτουργία είναι ενεργοποιημένη, μπορείτε να την ακυρώσετε πιέζοντας το πλήκτρο ▲ ή το πλήκτρο Mode.

## 3.20 Άλλες Λειτουργίες

### 3.20.1 Λειτουργία Κλειδώματος

Όταν η μονάδα είναι ενεργοποιημένη χωρίς κάποιο σφάλμα ή απενεργοποιημένη, πιέστε τα πλήκτρα ▲ και ▼ ταυτόχρονα για 5 δευτερόλεπτα μέχρι να ενεργοποιηθεί το κλείδωμα του ενσύρματου χειριστηρίου. Σε αυτή την περίπτωση εμφανίζεται η ένδειξη . Για να ακυρώσετε το κλείδωμα πιέστε πάλι ταυτόχρονα για 5 δευτερόλεπτα τα 2 αυτά πλήκτρα.

Όταν είναι ενεργοποιημένο το κλείδωμα, δεν δίνεται εντολή από οποιοδήποτε πλήκτρο.

### 3.20.2 Λειτουργία Memory

Αλλάγή της λειτουργίας memory: Όταν η μονάδα είναι απενεργοποιημένη, πιάστε ταυτόχρονα και για 5 δευτερόλεπτα τα πλήκτρα mode και ▲ για να αλλάξετε την λειτουργία memory. Κατά τη ρύθμιση της λειτουργίας memory, θα εμφανίζεται η ένδειξη memory. Εάν η λειτουργία απενεργοποιηθεί, τότε η μονάδα θα παραμείνει απενεργοποιημένη μετά από κάποια διακοπή ρεύματος.

Ανάκτηση μνήμης: Εάν η λειτουργία memory είναι ενεργοποιημένη, μετά από κάποια διακοπή ρεύματος το ενσύρματο χειριστήριο θα επανέλθει στην κατάσταση που είχε επιλεγεί πριν τη διακοπή.

Σημείωση: Χρειάζονται 5 δευτερόλεπτα για την αποθήκευση των δεδομένων. Μην διακόψετε την παροχή διότι δεν θα γίνει η αποθήκευση των δεδομένων

### 3.20.3 Επιλογή Κελσίου και Φαρεναίτ

Όταν η μονάδα είναι απενεργοποιημένη, πιάστε ταυτόχρονα τα πλήκτρα mode και ▼ για 5 δευτερόλεπτα για να αλλάξετε από φαρεναίτ σε κελσίου και αντίστροφα.

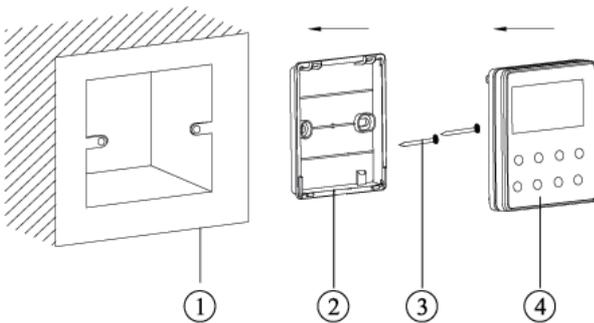
### 3.20.4 Επιλογή Θερμοκρασίας Περιβάλλοντος

Όταν η μονάδα βρίσκεται σε κατάσταση on/off πιάστε το πλήκτρο confirm για 5 δευτερόλεπτα. Τότε η ένδειξη που εμφανίζεται στο πεδίο timer αφορά την θερμοκρασία περιβάλλοντος: θα εμφανίζεται το "01" ή "02". Το "01" συμβολίζει τη θερμοκρασία εξωτερικού περιβάλλοντος και το "02" την εσωτερική θερμοκρασία του χώρου. Με το πλήκτρο switch μπορείτε να επιλέξετε μια από τις δύο ενδείξεις. Εάν πιάσετε οποιοδήποτε άλλο πλήκτρο ή δώσετε εντολή από το ασύρματο χειριστήριο, εκτός από το mode, θα ακυρωθεί η συγκεκριμένη επιλογή. Εάν εντός 20 δευτερολέπτων δεν υπάρξει κάποια επιλογή, θα ακυρωθεί αυτόματα η λειτουργία.  
Σημείωση:

- ①. Εάν δεν υπάρχει συνδεδεμένος ο αισθητήρας περιβάλλοντος, τότε 12 ώρες μετά την ηλεκτροδότηση της μονάδας θα κλειδωθεί η ένδειξη της θερμοκρασία περιβάλλοντος.
- ②. Εάν ο αισθητήρας της εξωτερικής θερμοκρασίας περιβάλλοντος έχει σφάλμα, τότε 12 ωρες μετά την ηλεκτροδότηση η ένδειξη της θερμοκρασίας περιβάλλοντος θα κλειδωθεί.

## 4 Εγκατάσταση Του Ενσύρματου Χειριστηρίου

### 4.1 Βασικά Μέρη



Πίνακας 4 Βασικά μέρη

No.	Περιγραφή	Ποσότητα
1	Κάλυμμα βάσης	1
2	Πλάτη	1
3	Βίδες M4×25	2
4	Μπροστινό κάλυμμα	1

Εικ.25 Βασικά μέρη του ενσύρματου χειριστηρίου

### 4.2 Θέση Και Απαιτήσεις Εγκατάστασης

- (1). Μην τοποθετείτε το ενσύρματο χειριστήριο σε βρώμικο μέρος ή σε μέρος όπου είναι εκτεθειμένο στον ήλιο
- (2). Μην τοποθετείτε το ενσύρματο χειριστήριο κοντά σε αντικείμενα που εκλύουν υψηλή θερμοκρασία ή σε μέρη που υπάρχει κίνδυνος να βραχεί.

- (3). Μην τοποθετείτε το ενσύρματο χειριστήριο απέναντι από το παράθυρο, ώστε να αποφευχθεί λανθασμένη λειτουργία λόγω παρεμβολών από γειτονικό χειριστήριο.
- (4). Διακόψτε τη παροχή ρεύματος καλωδίων που είναι μέσα στον τοίχο. Δεν επιτρέπεται καμμία λειτουργία με ρεύμα.
- (5). Για την αποφυγή κακής λειτουργίας λόγω ηλεκτρομαγνητικών παρεμβολών ή από άλλες αιτίες, ακολουθήστε τις παρακάτω οδηγίες κατά τη συνδεσμολογία.

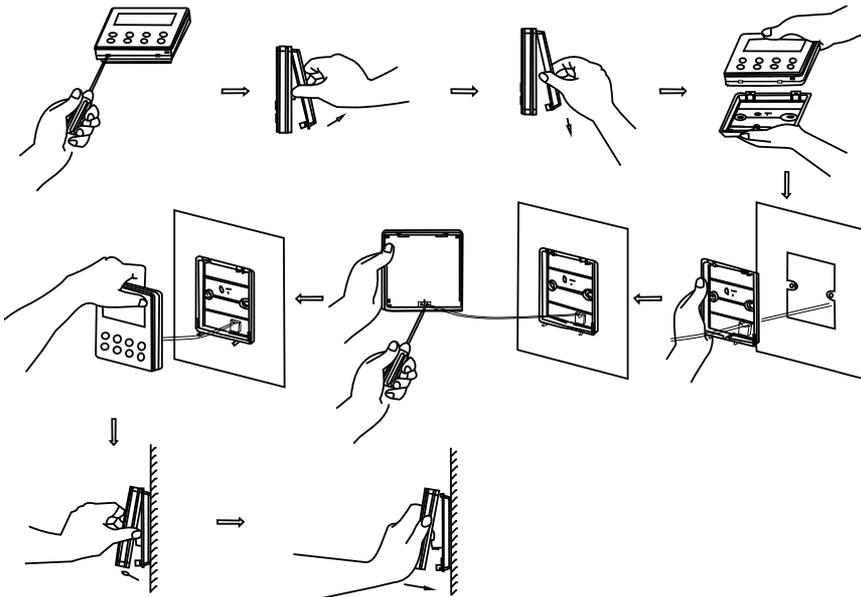
- ① . Βεβαιωθείτε πως το καλώδιο ενδοεπικοινωνίας είναι συνδεδεμένο στη σωστή επαφή, αλλιώς μπορεί να προκληθεί σφάλμα στην επικοινωνία.
- ② . Το παροχικό καλώδιο και το καλώδιο ενδοεπικοινωνίας θα πρέπει να έχουν τουλάχιστον 20 εκ απόσταση μεταξύ τους, αλλιώς μπορεί να προκληθεί σφάλμα στην επικοινωνία.
- ③ . Εάν η μονάδα εγκατασταθεί σε μέρος όπου υπάρχει κίνδυνος ηλεκτρομαγνητικών παρεμβολών, βεβαιωθείτε πως το καλώδιο είναι θωρακισμένο.

### 4.3 Πως Να Εγκαταστήσετε Το Ενσύρματο Χειριστήριο

Η επιλογή και η μέθοδος συνδεσμολογίας του καλωδίου ενδοεπικοινωνίας φαίνεται παρακάτω:

- (1). Επιλέξτε το κατάλληλο καλώδιο επικοινωνίας για το ενσύρματο χειριστήριο: διπολικό καλώδιο σήματος (διατομή  $\geq 0.75\text{mm}^2$ , Μήκος  $< 30\text{m}$ , Προτεινόμενο μήκος 8m).
- (2). Όταν η μονάδα είναι απενεργοποιημένη, σφίξτε το καλώδιο επικοινωνίας στην επαφή της πλακέτας της εσωτερικής μονάδας.

Τα βήματα εγκατάστασης φαίνονται στην εικ.26:



Εικ.26 Εγκατάσταση του ενσύρματου χειριστηρίου

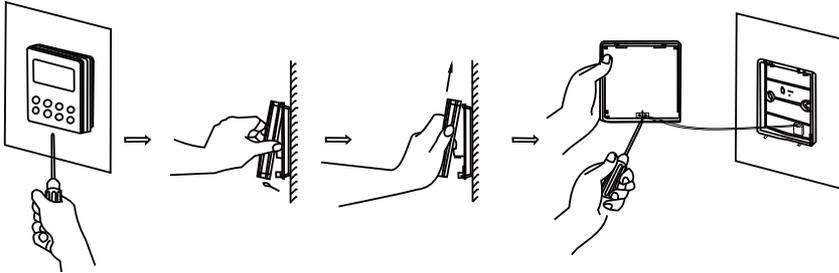
Σύντομες οδηγίες:

- ① . Περάστε το διπολικό καλώδιο από την οπή στη βάση του χειριστηρίου και έπειτα από την οπή στο κάτω μέρος του χειριστηρίου.

- ② . Χρησιμοποιείτε τις βίδες M4x25 για να στερεώσετε την πλάτη του χειριστηρίου στον τοίχο.
- ③ . Σφίξτε το καλώδιο στις χάλκινες επαφές X1 και X2 και βεβαιωθείτε πως δεν υπάρχει κίνδυνος βραχυκυκλώματος.
- ④ . Θυληκώστε τη βάση με το πίσω μέρος

#### 4.4 Πως Να Αποσυνδέσετε Το Ενσύρματο Χειριστήριο

Το ενσύρματο χειριστήριο μπορεί εύκολα να αποσυνδεθεί, όπως φαίνεται στην εικ.27



Εικ.27 Αποσύνδεση του ενσύρματου χειριστηρίου

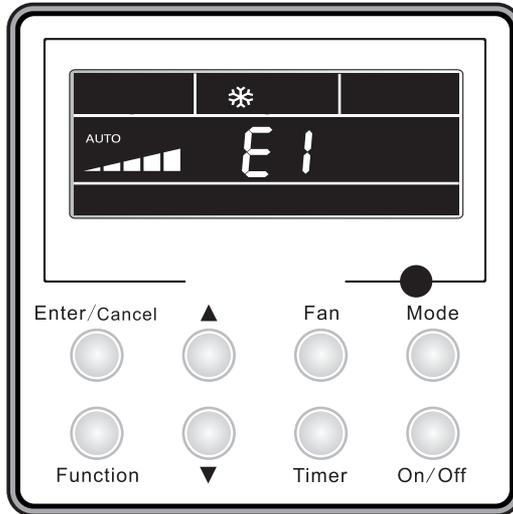
#### 5 Ένδειξη Σφαλμάτων

Όταν εμφανιστεί κάποιο σφάλμα στη μονάδα, στην οθόνη θα εμφανιστεί ο αντίστοιχος κωδικός.

Όταν εμφανιστούν ταυτόχρονα πολλά σφάλματα, τότε οι κωδικοί θα εμφανίζονται κυκλικά.

Όταν εμφανιστεί κάποιο σφάλμα, τότε απενεργοποιήστε αμέσως τη μονάδα και επικοινωνήστε με εξειδικευμένο τεχνικό.

Όπως φαίνεται στην Εικ.28 το E1, σημαίνει προστασία από υψηλή πίεση.



Εικ.28

Κωδικοί σφαλμάτων και οπι περιγραφές τους:

Πίνακας 5

Νούμερο	Κωδικός σφάλματος	Περιγραφή σφάλματος
1	E1	Προστασία από υψηλή πίεση
2	E2	Προστασία αποπάγωσης της εσωτερικής μονάδας
3	E3	Προστασία από χαμηλή πίεση, έλλειψη ψυκτικού μέσου
4	E4	Προστασία του συμπιεστή από υψηλή θερμοκρασία στην κατάθλιψη
5	E6	Σφάλμα στην επικοινωνία
6	E8	Σφάλμα στο μοτέρ του εσωτερικού ανεμιστήρα
7	E9	Προστασία υπερχείλισης
8	F0	Σφάλμα του αισθητήρα χώρου
9	F1	Σφάλμα του αισθητήρα του στοιχείου (εξαμιστή)
10	F2	Σφάλμα του αισθητήρα του στοιχείου (συμπυκνωτή)
11	F3	Σφάλμα του αισθητήρα εξωτερικού περιβάλλοντος
12	F4	Σφάλμα στον αισθητήρα κατάθλιψης
13	F5	Σφάλμα στον αισθητήρα του ενσύρματου χειριστηρίου
14	C5	Σφάλμα κωδικού απόδοσης
15	EE	Σφάλμα στο τσιπ της μνήμης της εξωτερικής μονάδας
16	PF	Σφάλμα στον αισθητήρα του ηλεκτρικού κυτίου
17	H3	Προστασία του συμπιεστή από υπερφόρτωση
18	H4	Υπερφόρτωση
19	H5	Προστασία ipm
20	H6	Σφάλμα στο μοτέρ του ανεμιστήρα
21	H7	Προστασία λόγω αποσυγχρονισμού στο inverter
22	Hc	Προστασία rfc
23	L1	Σφάλμα στον αισθητήρα υγρασίας
24	Lc	Σφάλμα ενεργοποίησης
25	Ld	Προστασία συμπιεστή λόγω συνέχειας των φάσεων
26	LF	Προστασία παροχής
27	Lp	Δεν ταιριάζει η εσωτερική με την εξωτερική μονάδα
28	U7	Προστασία αλλαγής κατεύθυνσης της 4οδης
29	P0	Προστασία λόγω επανεκκίνησης του inverter
30	P5	Προστασία υπερέντασης
31	P6	Σφάλμα στην επικοινωνία μεταξύ της κεντρικής πλακέτας και του inverter
32	P7	Σφάλμα του αισθητήρα του inverter

33	P8	Προστασία λόγω υπερθέρμανσης του inverter
34	P9	Zero passage protection
35	PA	Προστασία ρεύματος ac
36	Pc	Σφάλμα ρεύματος inverter
37	Pd	Προστασία σύνδεσης αισθητήρα
38	PE	Προστασία αλλαγής της θερμοκρασίας
39	PL	Χαμηλή τάση πυκνωτή
40	PH	Υψηλή τάση πυκνωτή
41	PU	Σφάλμα φόρτισης
42	PP	Σφάλμα τάσης δικτύου
43	ee	Σφάλμα στο τσιπ της μήμης του inverter

## Observații pentru utilizator

 Citiți cu atenție acest manual înainte de a monta și a utiliza acest produs.

- ♦ Vă mulțumim pentru că ați ales sistemul de aer condiționat tip duct. Vă rugăm să citiți cu atenție acest manual înainte de a utiliza acest produs și păstrați-l pentru a-l consulta ulterior. Mai mult, vă rugăm să fiți atenți la simbolurile de mai jos

 <b>AVERTIZARE!</b>	Acest semn indică proceduri care, atunci când sunt realizate necorespunzător, ar putea conduce la moartea sau rănirea gravă a utilizatorului.
 <b>ATENȚIE!</b>	Acest semn indică proceduri care, atunci când sunt realizate necorespunzător, ar putea avea ca rezultat vătămarea utilizatorului sau avarierea proprietății.

### **ATENȚIE!**

(1). Nu montați telecomanda cu fir într-un loc umed sau care se află în lumina directă a soarelui.
(2). Nu bateți, nu aruncați și nu montați/demontați frecvent telecomanda cu fir.
(3). Nu utilizați telecomanda cu fir cu mâinile ude și nu lăsați niciodată să pătrundă lichid în interiorul acesteia.
(4). Nu montați și nu demontați telecomanda cu fir singuri. Dacă este necesar, vă rugăm să contactați personalul care se ocupă de service.
(5). Această telecomandă cu fir se poate folosi la diferite tipuri de aer condiționat, în timp ce unele funcții specifice care nu sunt disponibile pentru unitățile de aer condiționat tip duct nu vor fi prezentate în acest manual.
(6). Înainte de a utiliza unitatea de aer condiționat, vă rugăm să citiți acest manual cu atenție și să-l păstrați pentru a-l consulta ulterior.

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## 1 Prezentarea telecomenzii cu fir

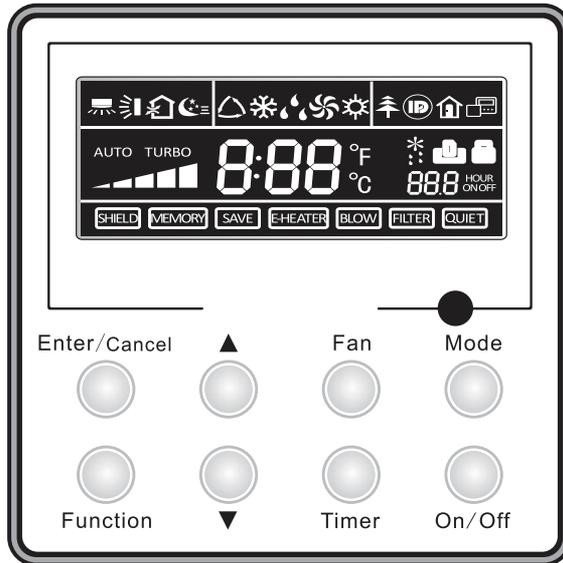


Fig. 1 Aspectul telecomenzii cu fir

### 1.1 Aspect și imagini afișate pe ecran

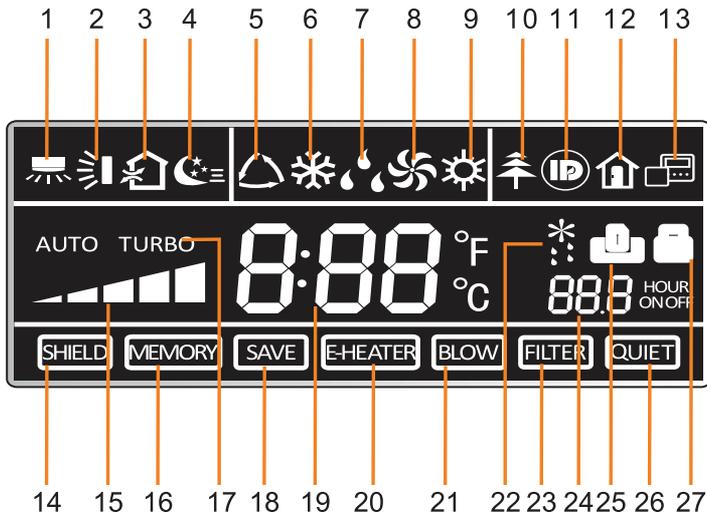
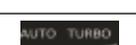
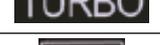


Fig. 2 Aspect al imaginilor afișate pe ecran

## 1.2 Prezentarea imaginilor de pe ecran

Tabelul 1

Nr.	Imagine	Prezentare
1		Funcție oscilare stânga și dreapta
2		Funcție oscilare sus și jos
3		Funcție schimb de aer
4		Funcție Sleep (Somn)
5		Mod auto
6		Mod COOL (RĂCIRE)
7		Mod DRY (USCAT)
8		Mod FAN (VENTILATOR)
9		Mod HEAT (ÎNCĂLZIRE)
10		Funcție Health (Sănătate)
11		Funcție I-Demand
12		Funcție Vacation (Vacanță)
13		Afișarea stării telecomenzii principale și secundare
14		Funcție Shield (Scut) Funcționarea butoanelor, setarea temperaturii, funcția „On/Off”, setarea „Mode (Mod)” și „Save(Salvare)” sunt dezactivate
15		Viteza ventilatorului
16		Funcția de memorie Unitatea va relua setările originale la realimentare.
17		Funcția Turbo
18		Funcția Save (mod economic)
19		Setare temperatură ambient

20		Funcția E-Heater (Încălzitor electric)
21		Funcția Blow (Suflare)
22		Funcție dezghet
23		Curățare filtru
24		Setare temporizator
25		Control cartelă / stare detectată simțită de corpul uman
26		Funcție Quite (Silențios)
27		Funcție Lock (Blocare)

## 2 Taste

### 2.1 Butoane

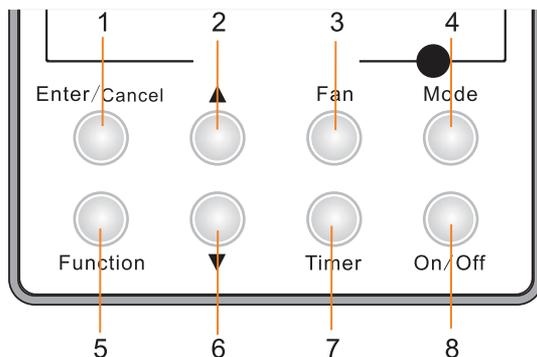


Fig.3 Taste

### 2.2 Instrucțiuni de utilizare a funcțiilor tastelor

Tabelul 2

Nr.	Tastă	Prezentarea funcției
1	Enter/Cancel	(1). Selectarea funcției și anulare; (2). Apăsăți timp de 5 s pentru a afișa temperatura de ambient în interior și exterior
2	▲	(1). Setarea temperaturii de funcționare a unității de interior, interval: 16~30°C (2). Setarea temporizatorului, interval: 0,5+24h (3). Setarea funcției aerului
6	▼	(4). Setarea modului economic (5). Setarea modului curățare
3	Fan	Selectați viteza ventilatorului dintre nivelele high (mare), middle (medie), mid-low (mediu-scăzut), low (scăzut) și auto
4	Mode	Selectați modulele COOL-Răcire, HEAT-Încălzire, FAN-Ventilator sau DRY-Uscat.
5	Function	Schimbați între aceste funcții SWING-Pendulare/ AIR-Aer/ SLEEP-Repaus/ HEALTH-Sănătate/ I-DEMAND – Eu cer/ VACATION-Vacanță/ TURBO-Turbo/ SAVE-Economic/ E-HEATER-Încălzitor electric/ BLOW-Suflu/ QUIET-Fără zgomot
7	Timer	Setarea temporizatorului
8	On/Off	Pornește/Oprește unitatea de interior
4 mode și 2 ▲	Memory	Apăsăți Mode și ▲ în același timp timp de 5s în starea de OFF a unității pentru a activa/dezactiva funcția de memorie (în cazul în care memoria este setată, unitatea de interior va relua setările originale după realimentare. Dacă nu, unitatea de interior este implicit setată să fie OFF după realimentare. Funcția de memorie este în mod implicit ON)
2 ▲ și 6 ▼	Lock	În starea ON a unității fără disfuncționalități sau în starea OFF a unității, apăsați butoanele ▲ și ▼ în același timp timp de 5s pentru a activa starea de blocare. În acest caz, celelalte butoane nu vor putea fi utilizate. Apăsăți din nou ▲ și ▼ timp de 5s pentru a ieși din starea de blocare.
4 mode și 6 ▼	°F/°C	În starea de OFF a unității, apăsați Mode și ▼ în același timp timp de 5s pentru a schimba scara de temperaturi între Celsius și Fahrenheit.

### 3 INSTRUCȚIUNI DE UTILIZARE

#### 3.1 On/off

Apăsați butonul On/Off pentru a porni sau opri unitatea.

Atenție:

- ① . Starea prezentată în Fig. 4 indică starea OFF (oprit) a unității după alimentare
- ② . Starea prezentată în Fig. 5 indică starea ON (pornit) a unității după alimentare

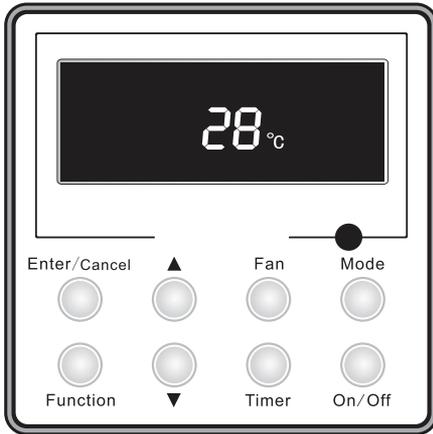


Fig. 4 Starea OFF a unității

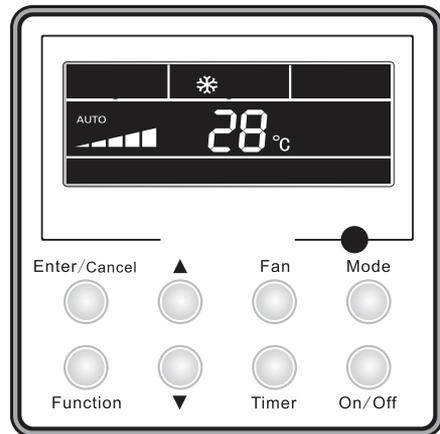


Fig. 5 Starea ON a unității

#### 3.2 Selectarea modului de funcționare

În starea ON a unității, apăsați butonul Mode pentru a schimba modurile de funcționare în succesiunea prezentată în Fig.6:

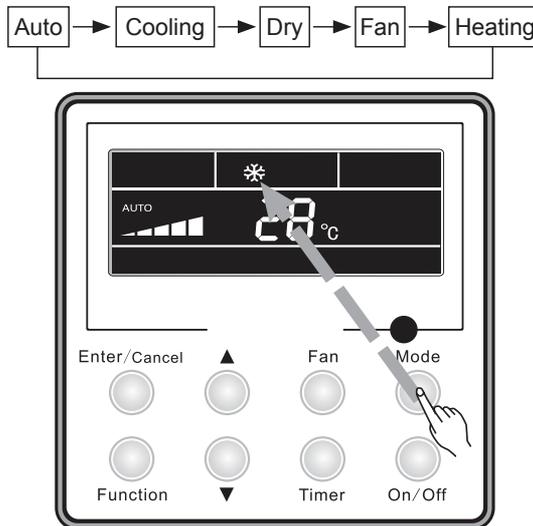


Fig.6

### 3.3 Selectarea temperaturii

Apăsăți butonul ▲ sau ▼ pentru a crește sau scădea nivelul temperaturii în satre de funcționare a unității. În cazul în care apăsați continuu doar unul dintre ele, temperatura va crește sau va scădea cu 1°C la fiecare 5 s.

În modul Cooling, Dry, Fan și Heating, intervalul de selectare a temperaturii este de 16°C~30°C.

În modul Auto, temperatura nu poate fi reglată.

Se prezintă în Fig. 7

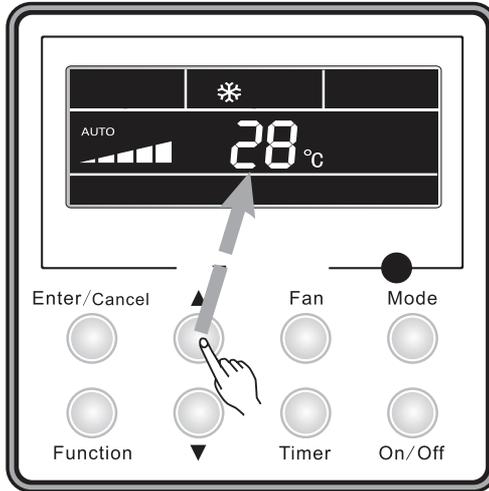


Fig. 7 Selectarea temperaturii

### 3.4 Selectarea vitezei ventilatorului

Apăsăți butonul Fan, viteza ventilatorului de la unitatea de interior se va modifica succesiunea prezentată în Fig. 8:

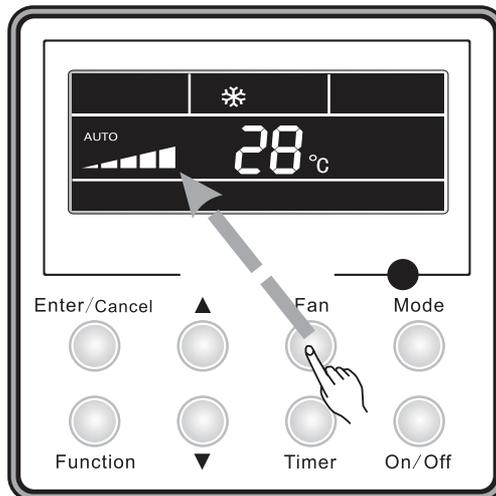


Fig. 8 Selectarea vitezei ventilatorului

### 3.5 Right and Left Swing (Oscilare la dreapta și la stânga)

În starea de funcționare a unității, apăsați butonul Function pentru a selecta funcția "Right and Left Swing" și apoi apăsați butonul Enter/Cancel pentru a o activa. Atunci când funcția Swing este activată, apăsați butonul Function pentru a selecta opțiunea funcției "Right and Left Swing", apoi apăsați butonul Enter/Cancel pentru a o dezactiva. Selectarea funcției de oscilare la dreapta și la stânga este prezentată în Fig. 9.

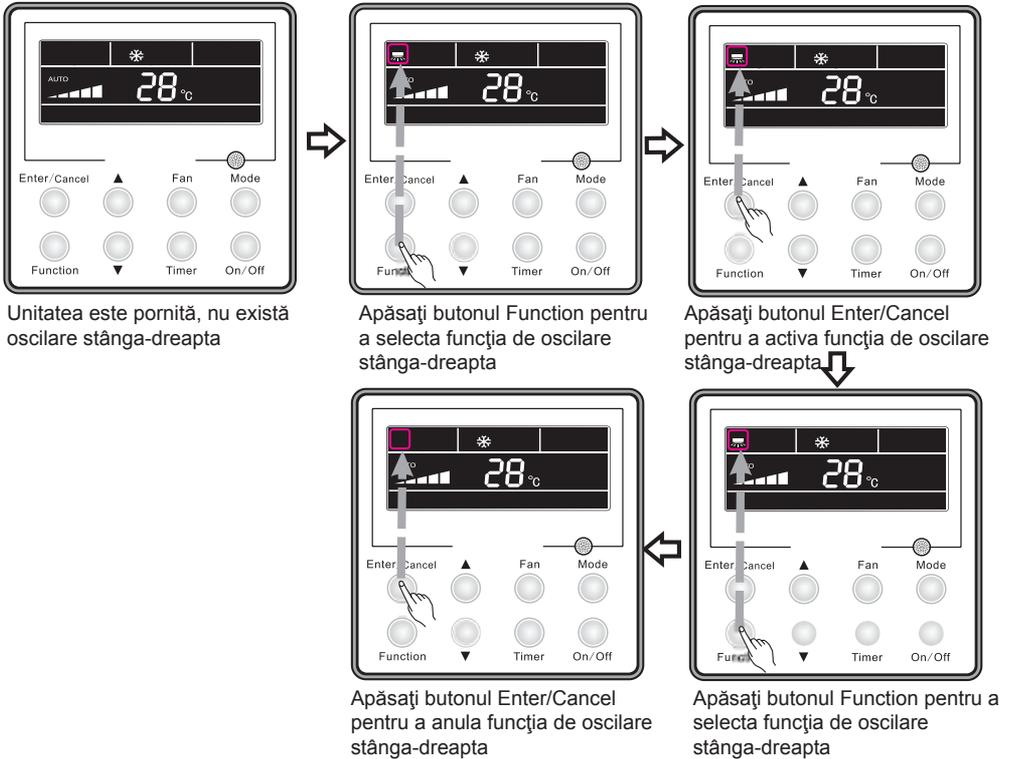


Fig. 9 Selectarea funcției de oscilare la dreapta și la stânga

### 3.6 Up and Down Swing (Oscilare sus și jos)

În starea de funcționare a unității, apăsați butonul Function pentru a selecta funcția „Up and Down Swing” și apoi apăsați butonul Enter/Cancel pentru a o activa. Atunci când funcția Swing este activată, apăsați butonul Function pentru a selecta opțiunea funcției „Up and Down Swing”, apoi apăsați butonul Enter/Cancel pentru a o dezactiva. Selectarea funcției de oscilare sus și jos este prezentată în Fig. 10.

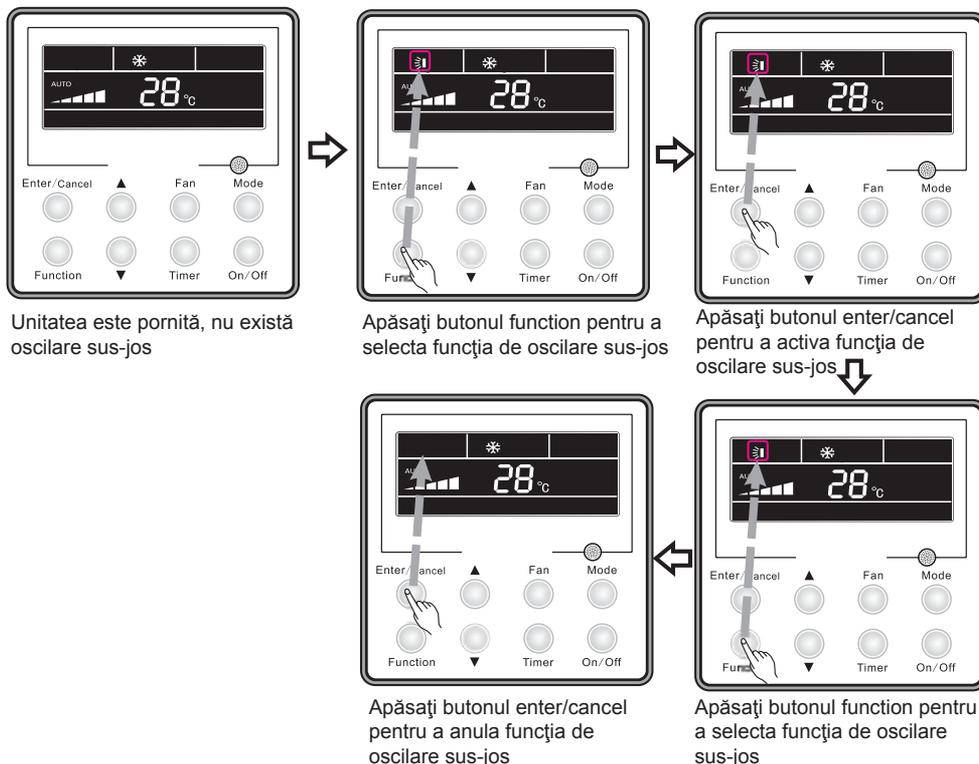


Fig.10 Selectarea funcției de oscilare sus și jos

### 3.7 Setarea temporizatorului (Timer)

Setarea temporizatorului „On”:

Este utilizat pentru a selecta când să pornească unitatea. Atunci când unitatea este OFF, apăsați butonul Timer, va afișa xx. Hour și ON va clipi, apoi apăsați ▲/▼ pentru a regla temporizatorul, după care apăsați butonul Timer din nou pentru a confirma. Dacă butonul Mode este apăsat înainte de confirmare, va comuta la setarea Timer Off. După setarea timer Off, ecranul afișează xx.Hour ON OFF,xx. Hour indicând ora la care să pornească unitatea, în timp ce ora la care să se oprească nu este afișată.

Setarea temporizatorului „Off”:

Este utilizat pentru a selecta când să se oprească unitatea. Atunci când unitatea este On, apăsați butonul Timer, va afișa xx. Hour și OFF va clipi, apoi apăsați ▲/▼ pentru a regla temporizatorul, după care apăsați butonul Timer din nou pentru a confirma. Dacă butonul Mode este apăsat înainte de confirmare, va comuta la setarea Timer On. După setarea timer On, ecranul afișează xx.Hour ON OFF,xx. Hour indicând ora la care să se oprească unitatea, în timp ce ora la care să pornească nu este afișată

Anularea setării temporizatorului: Setarea temporizatorului poate fi anulată apăsând „Timer”. Apoi, xx.Hour nu va mai fi afișat.

Setarea temporizatorului în stare de funcționare a unității este prezentată în Fig. 11:

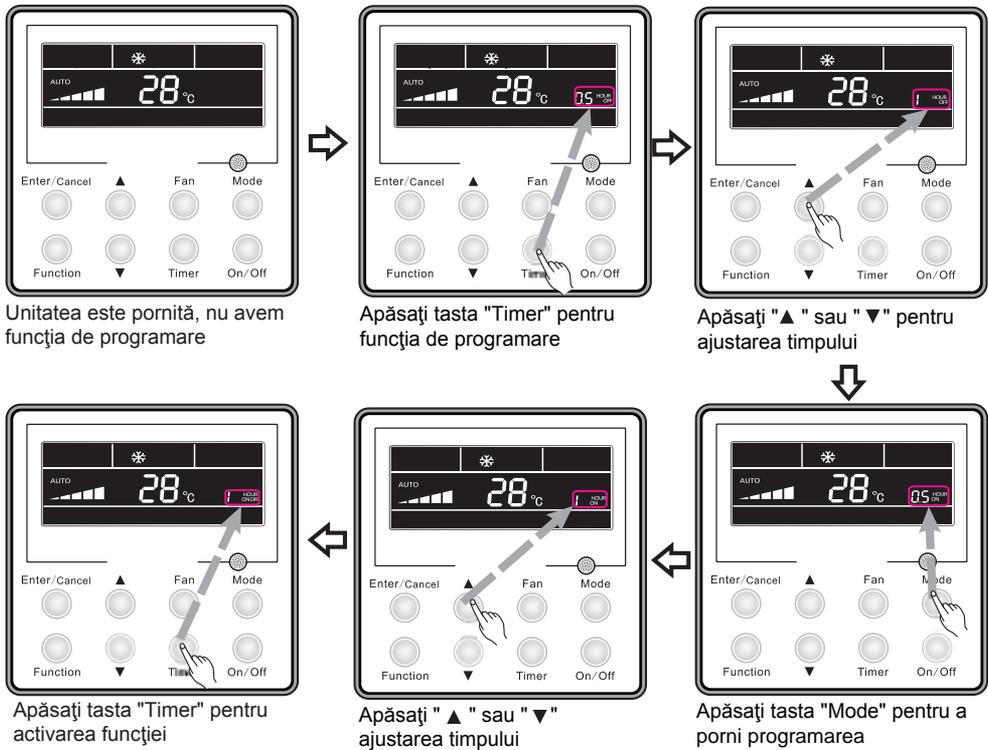


Fig. 11 Setarea temporizatorului în stare de funcționare a unității

Intervalul de timp pentru temporizare: 0,5-24h. Fiecare apăsare a butoanelor ▲ și ▼ va face ca timpul selectat să crească sau să scadă cu 0,5h. În cazul în care se apasă unul dintre butoane în mod continuu, timpul selectat va crește sau descrește în mod automat cu 0,5h la fiecare 0,5s.

Observație:

- (1). Atunci când sunt setate atât Timer On cât și Timer Off, timpul afișat este setarea pentru Timer On când unitatea este în stare OFF (oprit), sau setarea pentru Timer Off când unitatea este în stare ON (pornit).
- (2). Setarea Timer On pornește atunci când unitatea care se află în stare ON este oprită, setarea Timer Off pornește atunci când unitatea care se află în stare OFF este pornită.

### 3.8 Setarea funcției „Air” (schimb de aer)

Modul de activare al funcției schimb de aer:

Când unitatea este în stare ON, apăsați butonul Function pentru a selecta funcția „Air”, simbolul funcției clipește, și apoi apăsați ▲ sau ▼ pentru a regla tipul „AIR”, după care apăsați butonul Enter/Cancel pentru a activa funcția. Atunci când această funcție este activată, va fi afișat simbolul. Tipul 1 este tipul de „AIR” implicit setat.

Există 10 tipuri ale funcției „AIR”, dar doar 1-2 tipuri sunt disponibile pentru telecomanda fără fir

- 1—Unitatea funcționează neîntrerupt timp de 60min, și supapa de aer proaspăt funcționează timp de 6 min.
- 2— Unitatea funcționează neîntrerupt timp de 60min, și supapa de aer proaspăt funcționează timp de 12 min.
- 3— Unitatea funcționează neîntrerupt timp de 60min, și supapa de aer proaspăt funcționează timp de 18 min.
- 4— Unitatea funcționează neîntrerupt timp de 60min, și supapa de aer proaspăt funcționează timp de 2 4 min.
- 5— Unitatea funcționează neîntrerupt timp de 60min, și supapa de aer proaspăt funcționează timp de 30 min.
- 6— Unitatea funcționează neîntrerupt timp de 60min, și supapa de aer proaspăt funcționează timp de 36 min.
- 7— Unitatea funcționează neîntrerupt timp de 60min, și supapa de aer proaspăt funcționează timp de 42 min.
- 8— Unitatea funcționează neîntrerupt timp de 60min, și supapa de aer proaspăt funcționează timp de 48 min.
- 9— Unitatea funcționează neîntrerupt timp de 60min, și supapa de aer proaspăt funcționează timp de 54 min.
- 10—Unitatea funcționează neîntrerupt timp de 60min, și supapa de aer proaspăt funcționează permanent.

Modul de dezactivare al funcției schimb de aer:

Când funcția „Air” este activată, aceasta poate fi dezactivată apăsând mai întâi butonul Function pentru a selecta funcția „Air”, simbolul funcției clipește, și apoi apăsând butonul Enter/Cancel și simbolul „Air” dispare. Setarea funcției schimb de aer este prezentată în Fig. 12.

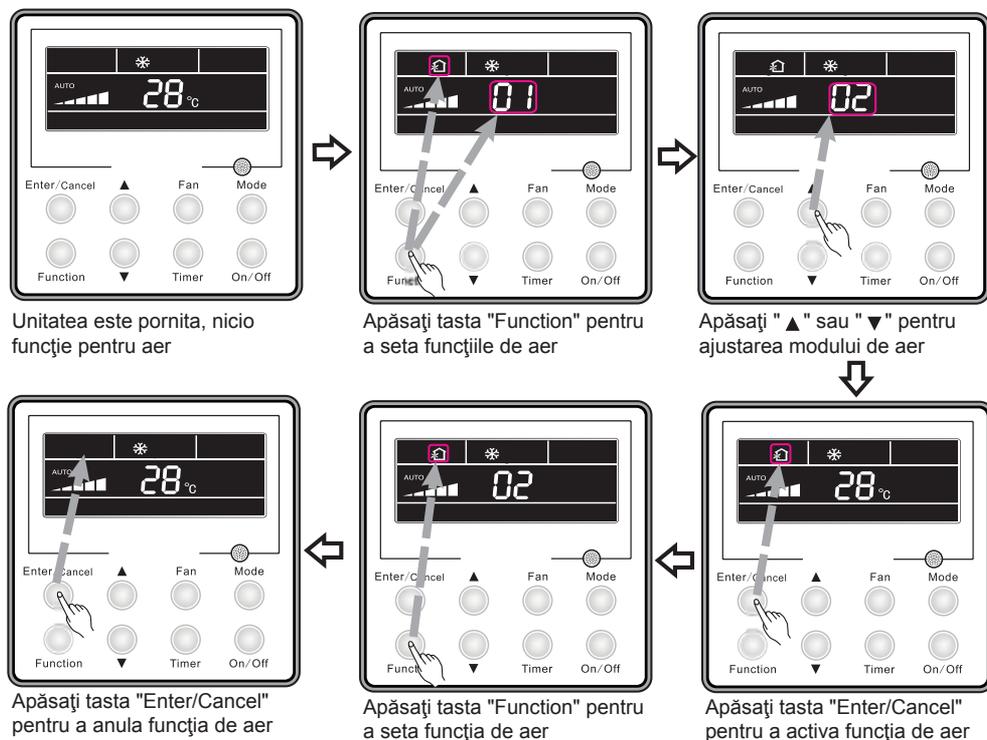


Fig. 12 Setarea funcției schimb de aer

### 3.9 Selectarea funcției Sleep (repaus)

Modul repaus activat: Apăsați butonul Function când unitatea este pornită și selectați funcția „Sleep”, apoi apăsați butonul Enter/Cancel pentru a activa funcția.

Modul repaus dezactivat: Atunci când funcția repaus este activată, apăsați butonul Function și selectați funcția „Sleep”, apoi apăsați butonul Enter/Cancel pentru a dezactiva funcția.

Selectarea funcției repaus este prezentată în Fig. 13:

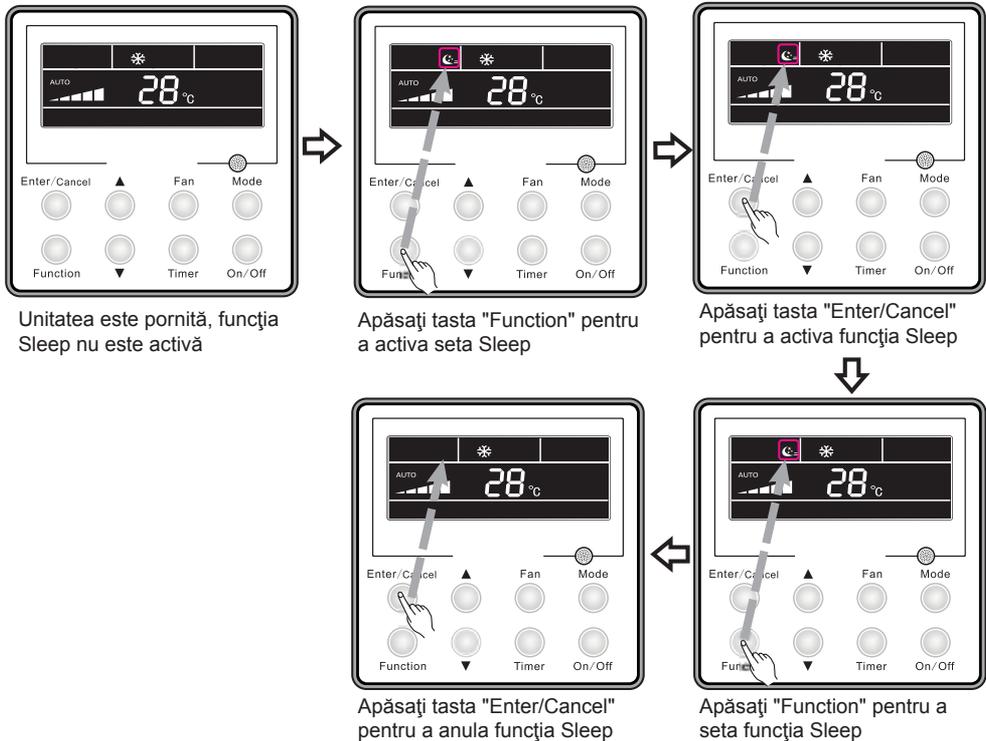


Fig. 13 Selectarea funcției repaus

#### Observații:

- (1). Funcția Sleep este setată implicit a fi OFF (decuplată) la pornire.
- (2). Funcția Sleep nu este disponibilă în modul de funcționare Fan (ventilator).
- (3). Atunci când este activată funcția Quiet (Silențios), funcția Quiet va fi menținută activă indiferent dacă funcția Sleep este activată sau dezactivată.
- (4). În modul de funcționare Cool (Răcire), funcția Sleep este ON, intervalul de temperaturi poate fi 16~23°C, 24~27°C, 28~29°C sau 30°C. Fiecare dintre ele are o curbă diferită așa cum se prezintă în Fig. 14

De exemplu, în cazul în care temperatura selectată este de 25°C, temperatura va crește cu 1°C în fiecare oră până când unitatea va ajunge la 27°C. 7 ore mai târziu, temperatura va scădea la 26°C. După aceea, unitatea va funcționa la această temperatură

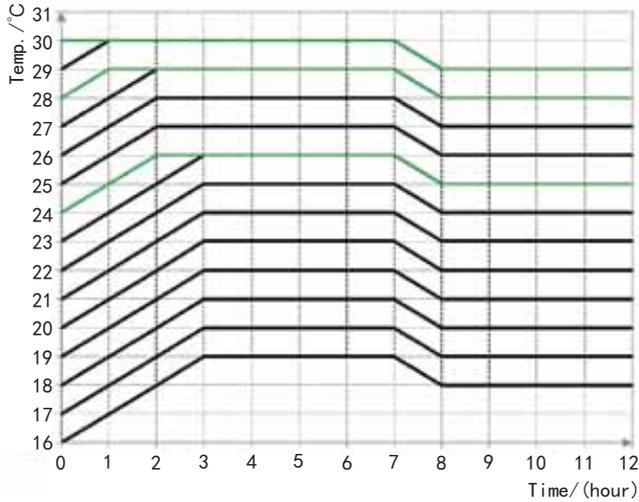


Fig. 14 Curba de repaus în modul de funcționare COOL

În modul de funcționare Heat (Încălzire), funcția Sleep este activă, intervalul de temperaturi poate fi 16°C, 17~20°C, 21~27°C sau 28~30°C. Fiecare dintre ele are o curbă diferită așa cum se prezintă în Fig. 15.

De exemplu, în cazul în care temperatura selectată este de 22°C, temperatura va scădea cu 1°C în fiecare oră până când unitatea va ajunge la 20°C. Apoi unitatea va funcționa la această temperatură.

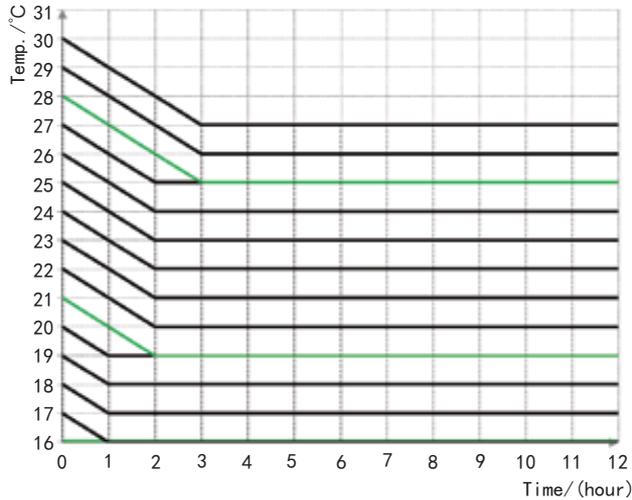


Fig. 15 Curba de repaus în modul de funcționare HEAT

### 3.10 Selectarea funcției Health (sănătate)

Când unitatea este în stare de funcționare, apăsați butonul „Function” pentru a selecta funcția „Health” și simbolul funcției clipește. Apăsați butonul Enter/Cancel pentru a activa funcția sănătate.

Atunci când această funcție este activată, apăsați butonul „Function” pentru a selecta funcția, simbolul funcției clipește. Apoi apăsați butonul Enter/Cancel pentru a anula funcția sănătate.

Modul de selectare a funcției sănătate este prezentat în Fig. 16:

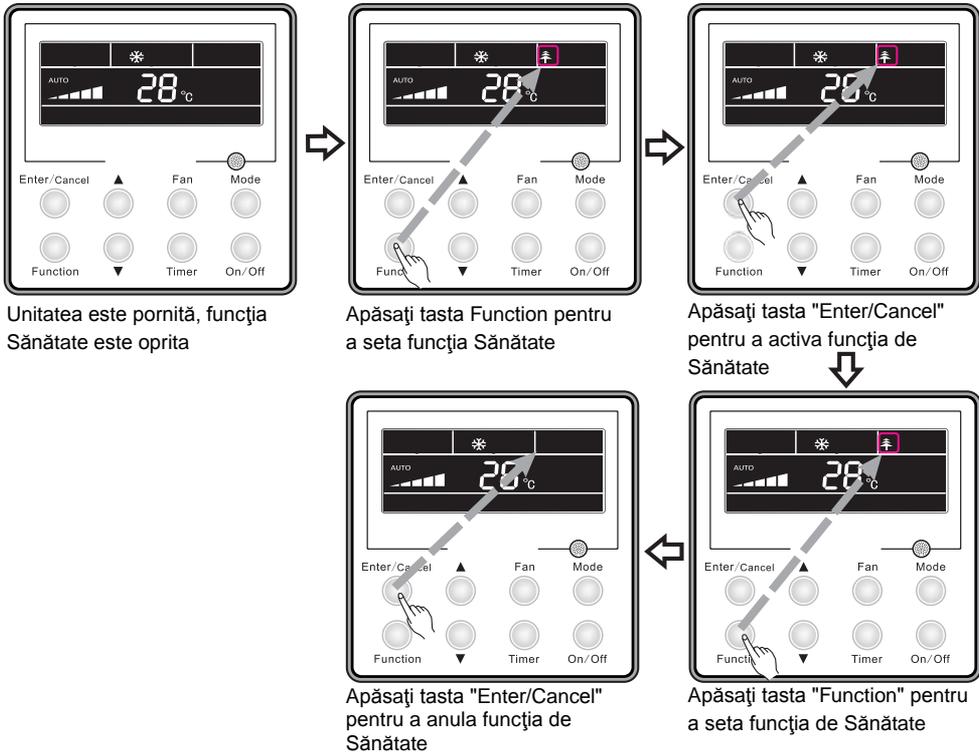


Fig. 16 Selectarea funcției sănătate

Observație:

- (1). Funcția sănătate poate fi anulată prin oprirea unității.
- (2). Funcția sănătate nu poate fi anulată prin schimbarea modului de funcționare.
- (3). După ce unitatea este repornită, funcția sănătate va fi menținută

### 3.11 Selectarea funcției I-Demand

Când unitatea funcționează în modul de răcire, apăsați butonul „Function” pentru a selecta funcția „I-Demand” și simbolul funcției clipește. Apăsați butonul „Enter/Cancel” pentru a activa funcția „I-Demand”.

Atunci când această funcție este activată, apăsați butonul „Function” pentru a selecta funcția, simbolul funcției clipește. Apoi apăsați butonul Enter/Cancel pentru a anula funcția „I-Demand”. Modul de selectare a funcției „I-Demand” este prezentat în Fig. 17

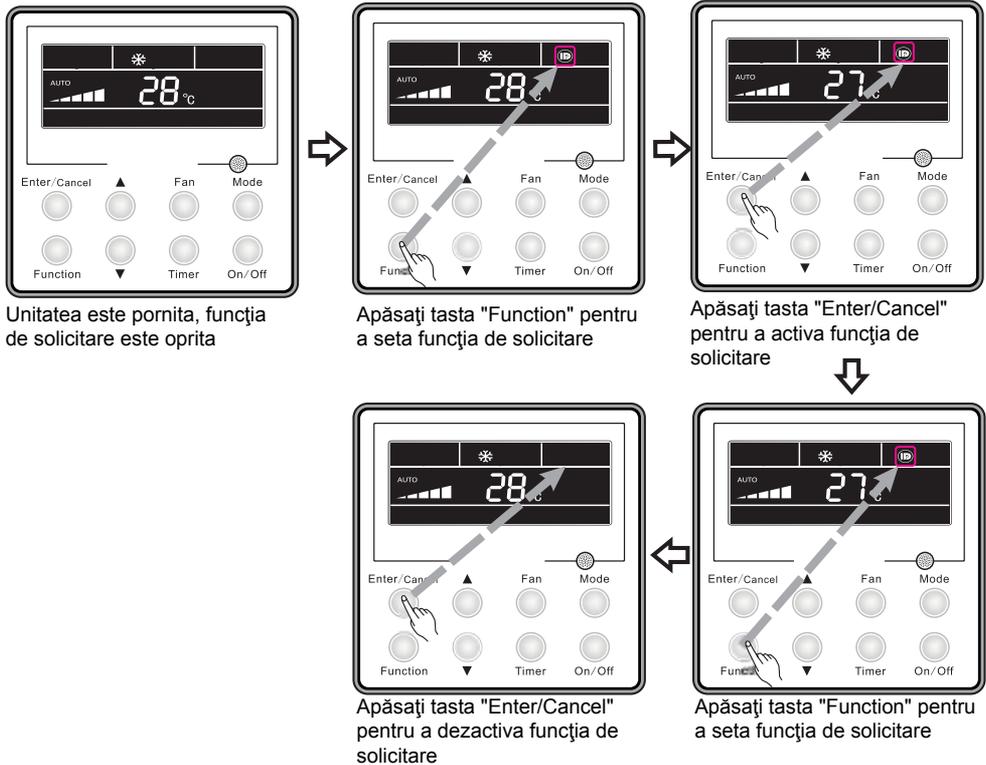


Fig. 17 Selectarea funcției de solicitare

Observație:

- (1). Funcția I-Demand poate fi anulată prin schimbarea modului de funcționare și butonul ON/OFF al unității.
- (2). După ce unitatea este repornită, funcția va fi menținută.
- (3). Funcția I-Demand nu poate fi selectată simultan și poate fi anulată de funcția Sleep/Quiet
- (4). Atunci când este selectată funcția I-Demand, unitatea va funcționa cu viteza ventilatorului setată Auto. Viteza Turbo nu poate fi selectată.
- (5). Atunci când temperatura setată este protejată de telecomandă, funcția I-Demand nu poate fi selectată.

### 3.12 Selectarea funcției Vacation (Vacanță)

Funcția Vacanță: Este utilizată pentru a menține temperatura de ambianță în interior și pentru a activa încălzirea rapidă.

Când unitatea funcționează în modul de încălzire, apăsați butonul „Function” pentru a selecta funcția „Vacation” și simbolul funcției clipește. Apăsați butonul „Enter/Cancel” pentru a activa funcția Vacation.

Atunci când această funcție este activată, apăsați butonul „Function” pentru a selecta funcția, simbolul funcției clipește. Apoi apăsați butonul Enter/Cancel pentru a anula funcția Vacation. Modul de selectare a funcției Vacation este prezentat în Fig. 18

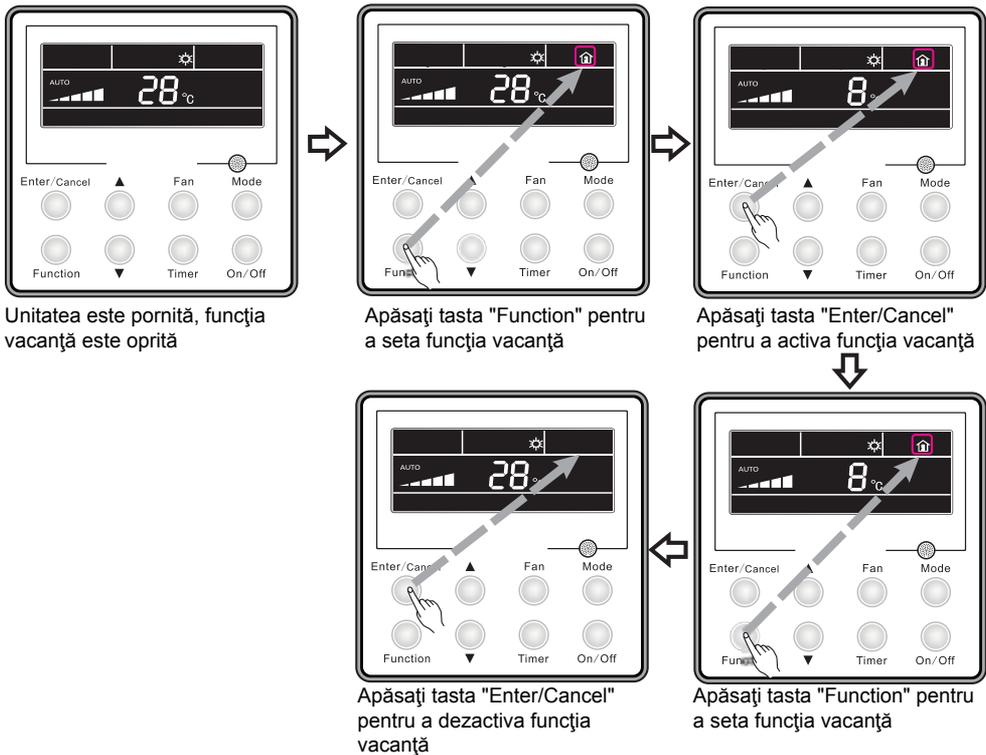


Fig. 18 Selectarea funcției Vacation

**Observații:**

- (1). Funcția vacanță poate fi selectată doar când unitatea funcționează în modul de încălzire
- (2). Funcția Turbo va fi anulată atunci când este selectată funcția vacanță.
- (3). Funcțiile Sleep și Quiet vor fi anulate atunci când este selectată funcția vacanță.
- (4). După ce unitatea este repornită, funcția vacanță va fi menținută.
- (5). Atunci când este selectată funcția vacanță, temperatura de setare nu poate fi ascunsă de telecomandă. pe de altă parte, funcția vacanță nu poate fi selectată atunci când protecția la distanță este activă.
- (6). Atunci când este selectată funcția vacanță, temperatura de setare de pe telecomanda cu fir este de 8°C. Ventilatorul de interior va intra automat în funcțiune la viteza din mosul Auto.
- (7). Funcția vacanță poate fi anulată atunci când se modifică modul de funcționare. Temperatura va reveni la temperatura originală înainte de selectarea funcției vacanță.
- (8). Butonul ON/OFF al unității nu va anula funcția vacanță.

**3.13 Selectarea funcției Turbo**

Funcția TURBO: Unitatea la cea mai mare viteză a ventilatorului poate realiza o răcire sau încălzire rapidă astfel încât temperatura în încăperea să atingă repede temperatura selectată. Când unitatea funcționează în modul COOL sau HEAT, apăsați butonul „Function” pentru a selecta funcția „Turbo” și apoi apăsați butonul „Enter/Cancel” pentru a activa funcția. Atunci când această funcție este activată, poate fi dezactivată apăsând mai întâi butonul „Function” pentru a selecta „Turbo”, apoi apăsând butonul Enter/Cancel. Modul de selectare a funcției Turbo este prezentat în Fig. 19:

button to select the "Turbo" option and then pressing the Enter/Cancel button.

Turbo function setting is as shown in Fig.19:

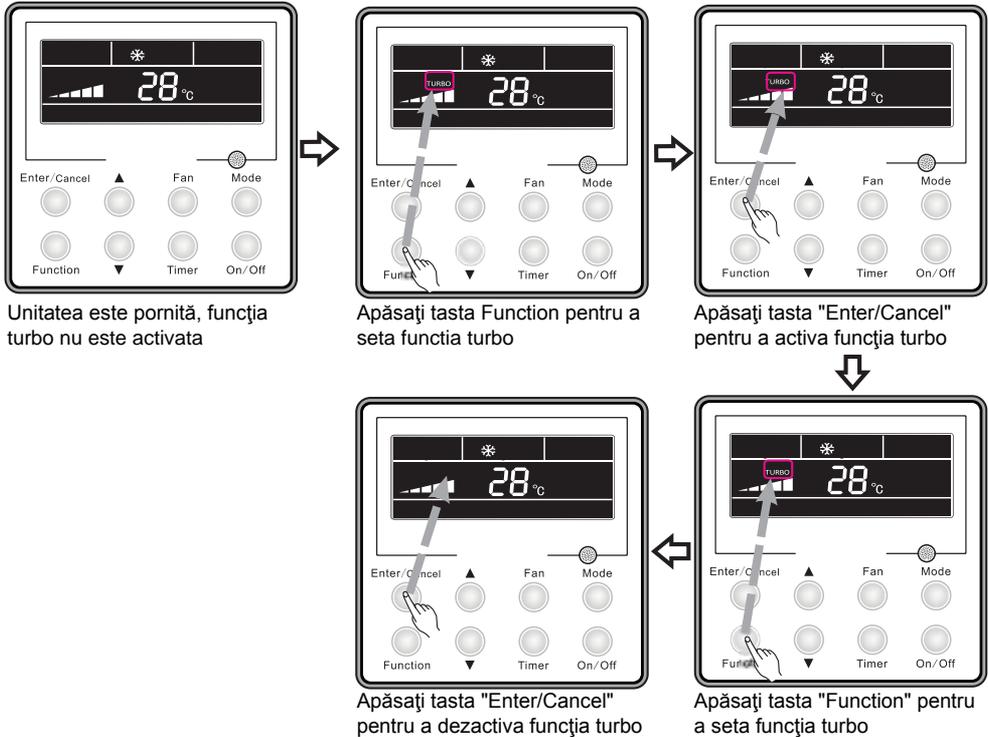


Fig. 19 Selectarea funcției Turbo

Observații:

- (1). Funcția Turbo va fi dezactivată datorită căderii de curent. În modul de funcționare DRY, FAN și AUTO, funcția Turbo nu poate fi selectată și simbolul funcției nu va fi afișat.
- (2). Funcția Turbo va fi dezactivată în mod automat atunci când este selectată funcția Quiet.
- (3). Butonul FAN poate fi de asemenea utilizat pentru a selecta funcția Turbo.

### 3.14 Selectarea funcției SAVE (Consum economic)

Funcția modului econom: Funcția Econom poate face unitatea de aer condiționat să funcționeze într-un interval mai mic de temperaturi prin selectarea unei valori limită inferioare în modul de funcționare COOL și DRY și valori limită superioare în modul de funcționare HEAT.

- (1). Selectarea funcției Energy Saving (Consum economic) pentru Răcire  
Atunci când unitatea funcționează în modul COOL sau DRY, apăsați butonul Function pentru a selecta opțiunea „SAVE”, simbolul clipește, și apoi apăsați ▲ sau ▼ pentru a selecta limita inferioară, după care apăsați butonul Enter/Cancel pentru a activa această funcție.
- (2). Selectarea funcției Energy Saving (Consum economic) pentru Încălzire  
Atunci când unitatea funcționează în modul HEAT, apăsați butonul Function pentru a selecta opțiunea „SAVE”, simbolul „SAVING” clipește, apoi apăsați butonul Mode pentru a schimba la setările „SAVE” pentru modul HEAT și apoi apăsați ▲ sau ▼ pentru a selecta limita superioară, după care apăsați butonul Enter/Cancel pentru a activa această funcție.

Funcția SAVE activată poate fi dezactivată apăsând mai întâi butonul „Function” pentru a selecta opțiunea „SAVE” și apoi apăsând butonul „Enter/Cancel”.

Modul de selectare a funcției de consum economic este prezentat în Fig. 20:

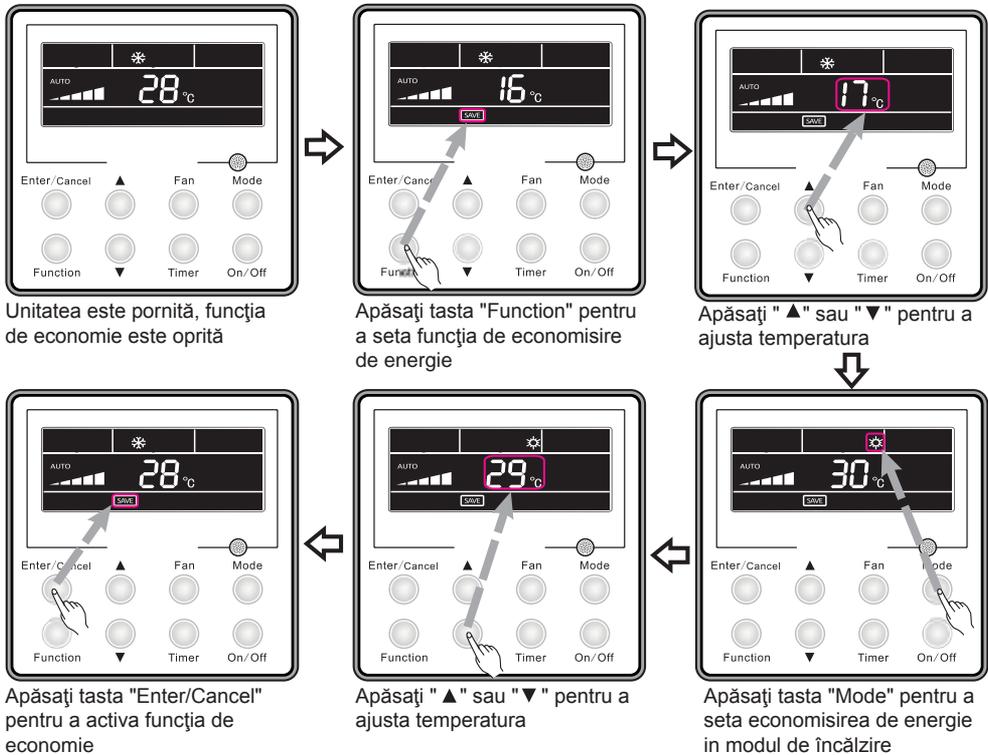


Fig. 20 Selectarea funcției de consum economic

#### Observații:

- (1). În modul de funcționare Auto, atunci când funcția „SAVE” este activată, unitatea va anula forțat modul Auto și va modifica modul de funcționare curent. Mai mult, funcția „Sleep” va fi dezactivată atunci când funcția „SAVE” va fi activată.
- (2). Pe parcursul selectării funcției „SAVE”, dacă butonul Function este apăsat în jos sau nu mai are loc nicio altă operație timp de 5s după ultima acționare a butoanelor, sistemul va anula selectarea funcției „SAVE” fără a salva datele de selectare curent.
- (3). Funcția „SAVE” va fi memorată în cazul în care vor exista căderi de curent.
- (4). Limita inferioară pentru răcire este de 16°C și limita superioară pentru încălzire este de 30°C.
- (5). Pe parcursul selectării funcției „SAVE”, în cazul în care temperatura așteptată depășește limita, atunci temperatura limită va prevala.

### 3.15 Selectarea funcției E-HEATER (Încălzire electronică)

Funcția E-HEATER: În modul de funcționare HEAT, funcția E-HEATER poate fi activată pentru a îmbunătăți eficiența de încălzire. În general, va fi activată în mod automat în momentul în care unitatea intră în modul de funcționare HEAT prin acționarea oricărui buton.

Activarea funcției E-HEATER: mai întâi apăsați butonul Function pentru a selecta opțiunea „E-HEATER”, simbolul E-HEATER clipește, și apoi apăsați butonul Enter/Cancel pentru a activa această funcție. După activare, simbolul E-HEATER va fi afișat permanent.

Dezactivarea funcției E-HEATER: mai întâi apăsați butonul Function pentru a selecta opțiunea „E-HEATER”, simbolul „E-HEATER” clipește, apoi apăsați butonul Enter/Cancel pentru a dezactiva această funcție.

Modul de selectare a funcției E-HEATER este prezentat în Fig. 21:

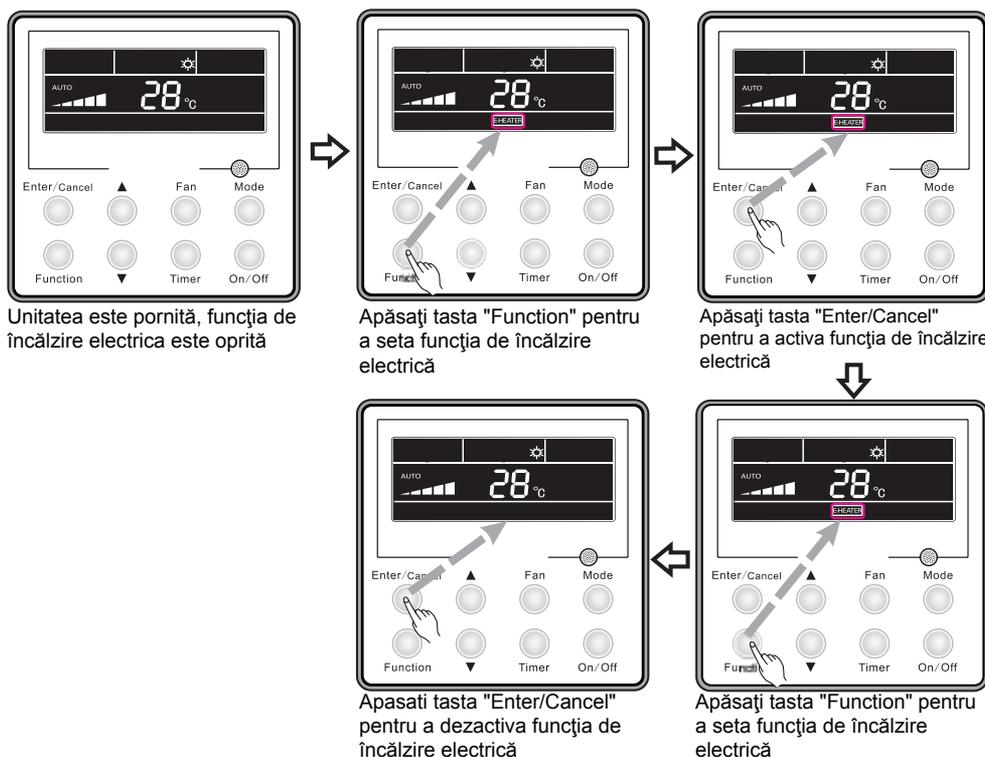


Fig. 21 Selectarea funcției E-HEATER

Atenție: Funcția E-HEATER nu poate fi activată în modul de funcționare COOL, DRY și FAN, iar simbolul nu este afișat.

### 3.16 Selectarea funcției Blow (Suflare)

Funcția BLOW: După ce unitatea este oprită, apa din vaporizatorul unității de interior va fi evaporată în mod automat pentru a evita apariția mușgaiului.

Activarea funcției BLOW: în modul de funcționare COOL sau DRY, apăsați butonul Function pentru a selecta opțiunea „Blow”, simbolul BLOW clipește, și apoi apăsați butonul Enter/Cancel pentru a activa această funcție.

Dezactivarea funcției Blow: funcția Blow activată poate fi dezactivată mai întâi apăsând butonul Function pentru a selecta opțiunea „Blow”, apoi apăsați butonul Enter/Cancel. Modul de selectare a funcției BLOW este prezentat în Fig. 22:

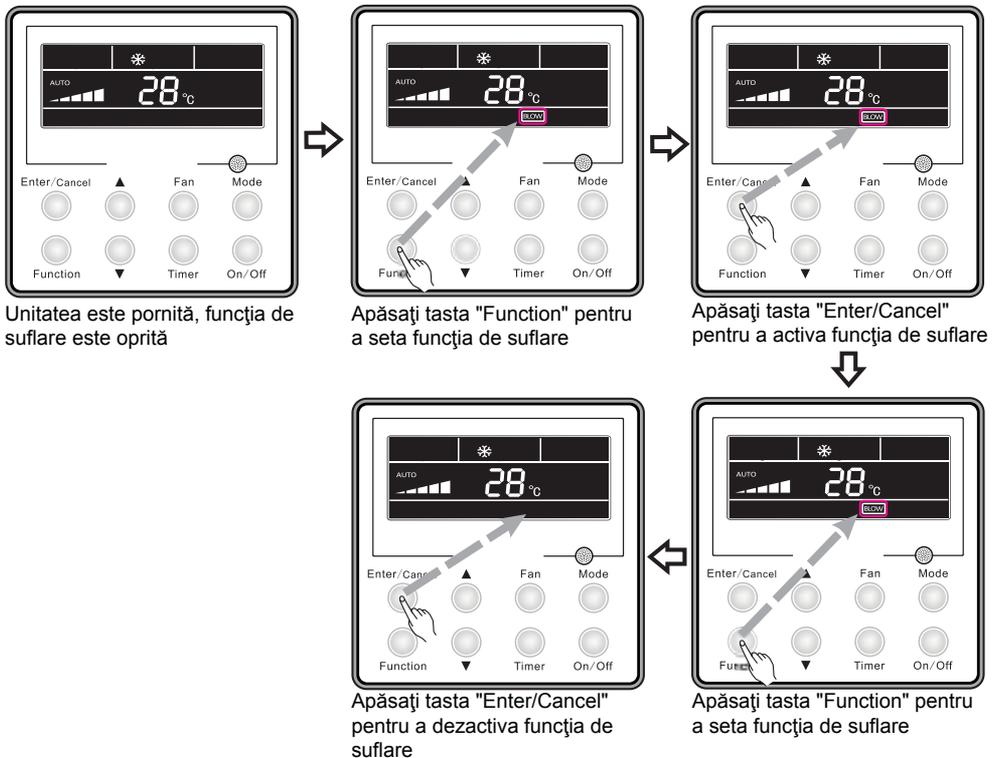


Fig. 22 Selectarea funcției BLOW

#### Observații:

- (1). Atunci când este activată funcția Blow, în cazul în care unitatea este oprită din butonul On/Off, ventilatorul interior va funcționa în continuare la o viteză redusă timp de 10 minute. Atunci când funcția Blow este dezactivată, ventilatorul interior se va opri imediat ce unitatea este oprită.
- (2). Funcția Blow nu poate fi activată în modurile de funcționare HEAT și FAN.

### 3.17 Selectarea funcției Filter (Filtru)

În starea de funcționare a unității, apăsați butonul „Function” pentru a selecta funcția „Filter” și simbolul „Filter” va clipi. Nivelul de poluare selectat va fi afișat în zona temporizatorului. Apăsați ▲ și ▼ pentru a selecta nivelul de poluare și apăsați butonul „Enter/Cancel” pentru a activa funcția Filter.

Atunci când funcția „Filter” este activată, apăsați butonul „Function” pentru a selecta funcția „Filter” și simbolul clipește. Apăsați ▲ și ▼ pentru a selecta până când unitatea afișează „00”. Apoi apăsați butonul „Enter/Cancel” pentru a anula funcția Filter.

Modul de selectare a funcției Filter este prezentat în Fig. 23:

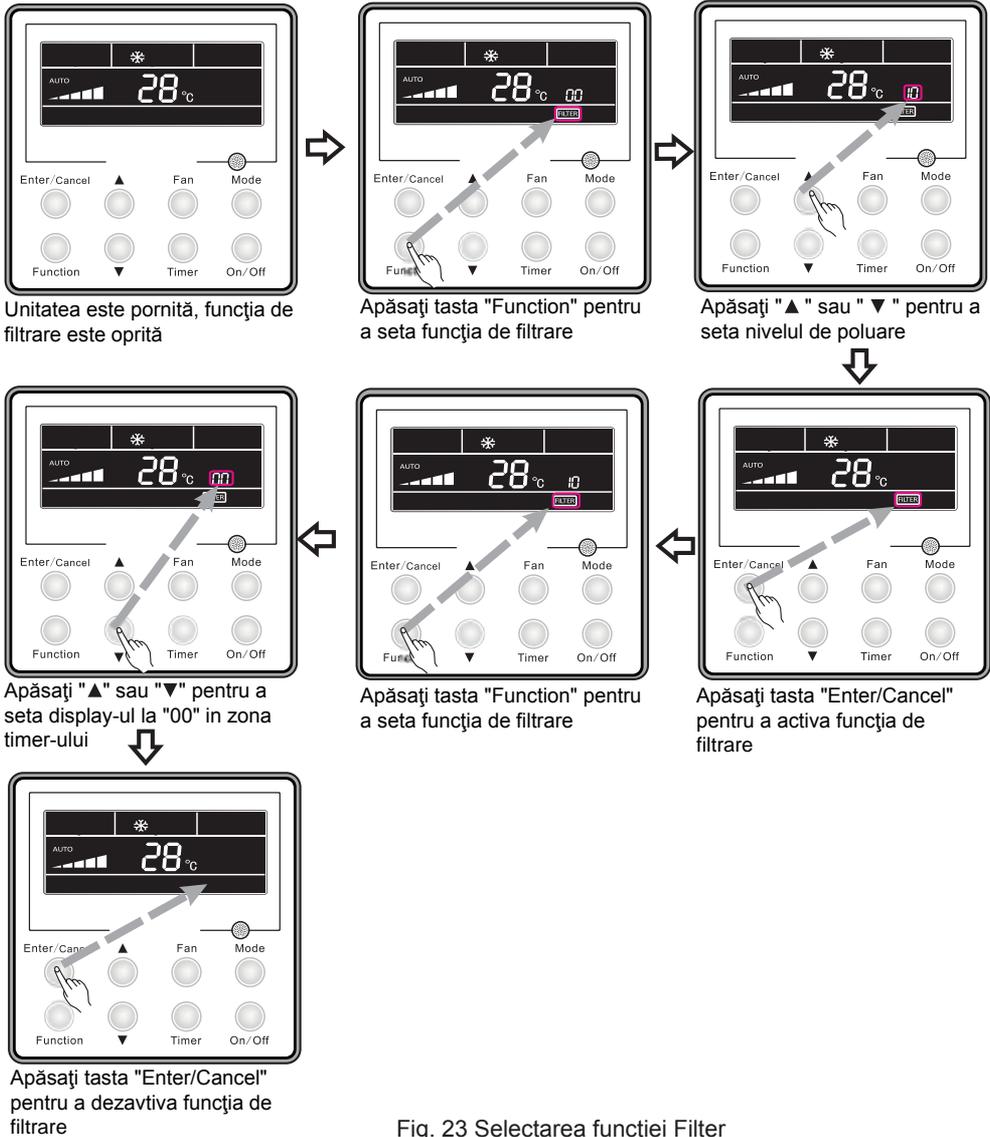


Fig. 23 Selectarea funcției Filter

Atunci când se selectează funcția Filter, vor fi afișate două numere pe temporizator. Primul număr reprezintă nivelul de poluare. Al doilea număr arată timpul de funcționare acumulat al ventilatorului unității de interior. În total sunt patru stări.

- (1). Selectarea funcției No Filter (fără filtru) (se afișează „00” la temporizator)
- (2). Atunci când filtrul ajunge la un nivel ridicat de poluare, „1” va fi afișat pe primul loc. Atunci când apare „0” în al doilea loc, numărul de ore de funcționare acumulate a ajuns la 5500h. Fiecare creștere a numărului înseamnă alte 500h acumulate. Atunci când apare „9”, înseamnă că numărul de ore de funcționare este de 10000h.
- (3). Atunci când filtrul ajunge la un nivel mediu de poluare, „2” va fi afișat în primul loc. Atunci când apare „0” pe locul al doilea, numărul de ore de funcționare acumulate a ajuns la 1400h. Fiecare creștere a numărului înseamnă alte 400h acumulate. Atunci când apare „9”, înseamnă că numărul de ore de funcționare este de 5000h.

(4). Atunci când filtrul ajunge la un nivel critic de poluare , „3” va fi afișat în primul loc. Atunci când apare „0” pe locul al doilea, numărul de ore de funcționare acumulate a ajuns la 100h. Fiecare creștere a numărului înseamnă alte 10h acumulate. Atunci când apare „9”, înseamnă că numărul de ore de funcționare este de 1000h.

Nivelul de poluare cu numărul de ore de funcționare corespunzătoare:

Tabelul 3

Nivel de poluare	Timp de funcționare acumulat (h)	Nivel de poluare	Timp de funcționare acumulat (h)	Nivel de poluare	Timp de funcționare acumulat (h)
10	5500	20	1400	30	100
11	6000	21	1800	31	200
12	6500	22	2200	32	300
13	7000	23	2600	33	400
14	7500	24	3000	34	500
15	8000	25	3400	35	600
16	8500	26	3800	36	700
17	9000	27	4200	37	800
18	9500	28	4600	38	900
19	10000	29	5000	39	1000

Observații:

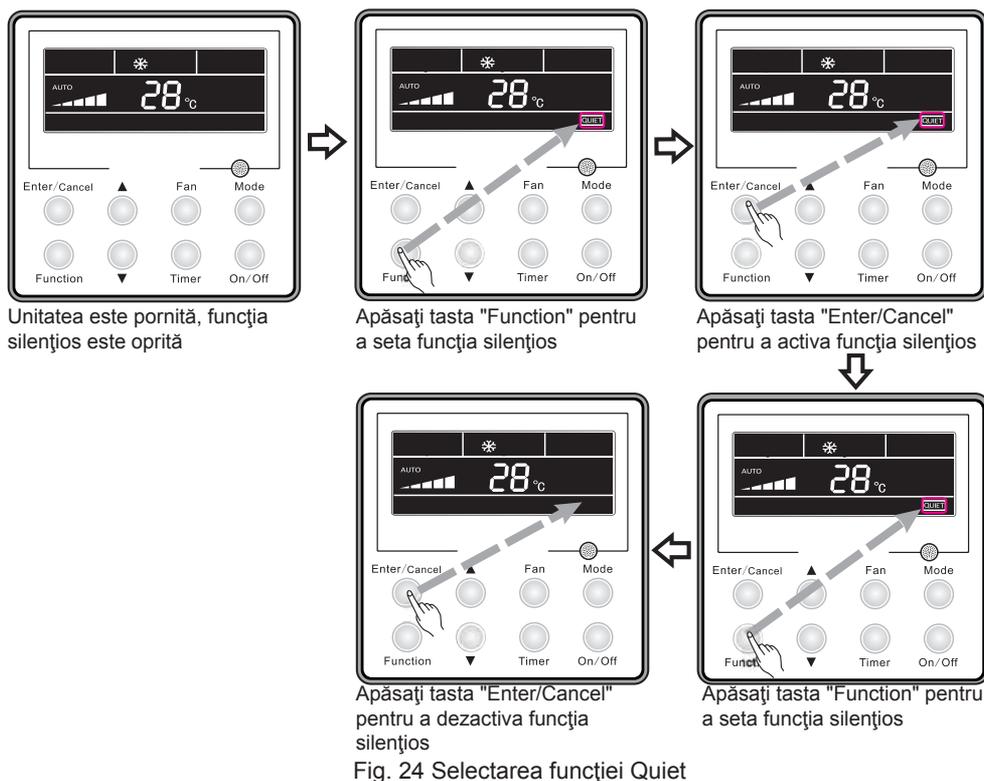
- (1) În cazul în care funcția Filter este selectată în mod eficient, simbolul  se va aprinde
- (2) În cazul în care nu este necesar să curățăm filtrul, indiferent dacă selectarea este modificată sau nu, unitatea nu va reporni temporizatorul atunci când apăsam butonul „Enter/Cancel”.
- (3) În cazul în care filtrul ar trebui să fie curățat, în starea On/OFF, simbolul  va clipi o dată la fiecare 0,5s ca să ne amintească să curățăm filtrul. Apăsați butonul Function pentru a selecta, cu simbolul  clipind. Apăsați ▲ și ▼ ca să selectați nivelul de poluare, apoi apăsați butonul Enter/Cancel ca să-l activați. În cazul în care nivelul de poluare selectat este mai mic decât înainte, simbolul  va continua să clipească. Dacă nivelul selectat este mai serios, simbolul va dispărea, și funcția Filter va continua să fie activă.
- (4) Singura metodă de a anula funcția Filter este, atunci când funcția este selectată și simbolul  clipește, de a lăsa să apară „00” pe temporizator.

### 3.18 Quiet Function Setting

Apăsați butonul Function pentru a selecta opțiunea „Quiet”, simbolul va clipi. Apăsați butonul Enter/Cancel pentru a activa această funcție.

Atunci când funcția Quiet este activată, apăsați butonul Function pentru a selecta opțiunea „Quiet”, simbolul clipește, apoi apăsați butonul Enter/Cancel pentru a anula funcția Quiet.

Modul de selectare a funcției Quiet este prezentat în Fig. 24



**Observații:**

- (1) Funcția Quiet nu poate fi activată în modul de funcționare Fan sau Dry. În cazul în care există întreruperi de curent, funcția este implicit setată să fie dezactivată.
- (2) În cazul în care funcția Quite este selectată, funcția Turبو va fi anulată.

### 3.19 Selectarea funcției Ultra-Dry (Super-uscăt)

În modul de funcționare Dry, atunci când temperatura este de 16°C, apăsați butonul ▼ de două ori și temperatura selectată va fi modificată la 12°C, și în acest moment unitatea activează funcția Ultra-Dry.

Atunci când funcția Ultra-Dry este activată, poate fi anulată apăsând butonul ▲ sau apăsând butonul Mode pentru a modifica modul de funcționare

### 3.20 Alte funcții

În starea de funcționare fără deficiențe a unității sau în starea OFF, apăsați butoanele ▲ și ▼ în același timp timp de 5s până când telecomanda cu fir se blochează. În acest caz, pe ecran va apărea simbolul După aceea, apăsați din nou aceste două butoane în același timp timp de 5s pentru a ieși din starea de blocare.

În starea de blocare, nu se poate activa niciun buton.

### 3.20.2 Funcția Memory (Memorie)

Modificarea memoriei: În modul OFF al unității, apăsați butoanele Mode și ▲ în același timp timp de 5s pentru a modifica modul de memorie. Atunci când selectați modul de memorie, va fi afișat simbolul MEMORY. În cazul în care această funcție va fi dezactivată, unitatea va intra în starea OFF după repornire.

Recuperarea memoriei: În cazul în care funcția memoriei este activată, telecomanda cu fir, după întreruperea de curent, va relua starea de funcționare inițială la realimentare.

Observație: Va dura în jur de 5s ca să se salveze datele. De aceea, vă rugăm să nu întrerupeți alimentarea în acest timp, altfel datele nu vor fi salvate.

### 3.20.3 Funcția Ambient Temperature Enquiry (Temperatură ambient)

Under the OFF state of the unit, press the Mode and ▼ buttons at the same time for 5s, Centigrade and Fahrenheit scales will be switched alternately.

### 3.20.4 Ambient Temperature Enquiry

În starea de funcționare On/Off, apăsați butonul „Confirm” timp de 5s, și va afișa interfața Enquiry. Acum, ceea ce este afișat la timer este temperatura de ambient: 01 sau 02 și va fi afișată temperatura. „01” înseamnă temperatura ambientului exterior și „02” reprezintă temperatura ambientului interior. Apăsați butonul Mode ca să schimbați între aceste două tipuri. Apăsați oricare alt buton în afară de Mode sau primiți semnal de la telecomandă ca ați ieșit din funcția Enquiry. Dacă nu se efectuează nicio operație timp de 20s, unitatea va anula această funcție în mod automat.

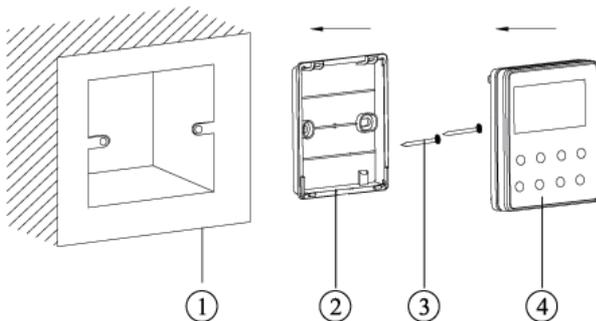
Observație:

(1) În cazul în care unitatea nu este conectată la senzorul de temperatură de ambient, după a douăsprezecea electrificare, afișajul senzorului de temperatură de ambient va fi ascuns.

(2) În cazul în care senzorul de temperatură de exterior are o eroare, după a douăsprezecea electrificare, afișajul senzorului de temperatură de ambient va fi ascuns.

## 4 Montarea telecomenzii cu fir

### 4.1 Piese standard



Tabelul 4 piese standard

Nr.	Descriere	Cantitate
1	Cutie principală	1
2	Carcasă	1
3	Șurub M4x25	2
4	Panou frontal	1

Fig. 25 Piese standard ale telecomenzii cu fir

### 4.2 Locul de montare și cerințele de montare

(1) Nu montați telecomanda cu fir într-un loc umed sau în lumina directă a soarelui.

(2) Nu montați telecomanda cu fir în apropierea obiectelor sau locurilor fierbinți unde este posibil ca telecomanda să sufere

- (3) Nu montați telecomanda chiar lângă fereastră pentru a evita o funcționare improprie cauzată de interferența cu același tip de telecomandă a vecinilor.
- (4) Vă rugăm să întrerupeți alimentarea de la fire din perete. Nu este permisă funcționarea cu electricitate.
- (5) Pentru a evita funcționarea anormală cauzată de interferența electromagnetică sau alte cauze, vă rugăm să observați următoarele aspecte în timpul instalării firelor.
- (6) Asigurați-vă că linia de comunicare este alimentată de la portul potrivit, altfel ar avea ca rezultat lipsa de conexiune.
- (7) Linia de comunicare/cablul de conexiune (telecomanda cu fir) și cablul de alimentare trebuie să fie separate cu o distanță minimă de 20cm, altfel conexiunea va fi deficitară.
- (8) În cazul în care unitatea de aer condiționat este instalată într-un loc în care este posibil să sufere interferențe electromagnetice, cablul de conexiune al telecomenzii cu fir trebuie să fie acoperit în pereche torsadată.

### 4.3 Cum se montează telecomanda cu fir

Mai întâi, metoda de selectare și de conectare a cablului de conexiune este prezentat după cum urmează:

- (1) Selectați cablul de conexiune adecvat al telecomenzii cu fir: cablu de semnal cu 2 fire (dimensiunea firului  $\geq 0,75\text{mm}^2$ , lungime  $< 30\text{m}$ , lungime recomandată: 8m).
- (2) După ce unitatea de interior este decuplată de la alimentare, fixați cablul de comunicare la tabloul cu borne al unității de interior cu șuruburi.

Apoi, pașii specifici de montare sunt prezentați în Fig. 26:

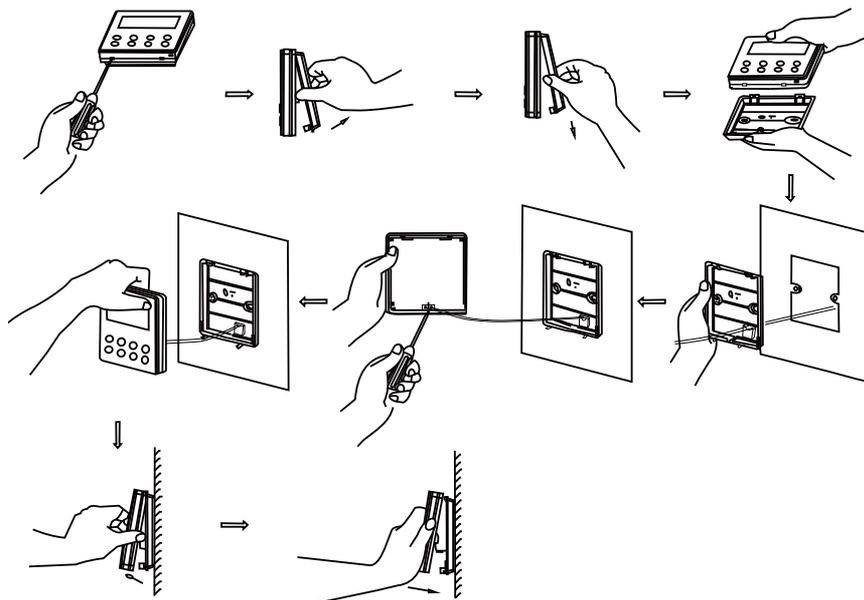


Fig. 26 Montarea telecomenzii cu fir

Instrucțiuni pe scurt:

- ① . Trageți cablul de semnal cu 2 fire din gaura de montaj și treceți acest cablu prin gaura rotundă de la baza telecomenzii.

- ② . Utilizați șuruburi M4x25 pentru a fixa carcasa telecomenzii pe perete.
- ③ . Fixați cablul de semnal pe plăcile de cupru X1 și X2. Asigurați-vă că cablul este bine strâns și nu există posibilitatea unui scurt circuit.
- ④ . Fixați panoul și baza împreună cu cleme.

#### 4.4 Cum se demontează telecomanda cu fir

Telecomanda cu fir poate fi ușor demontată așa cum se prezintă în Fig. 27

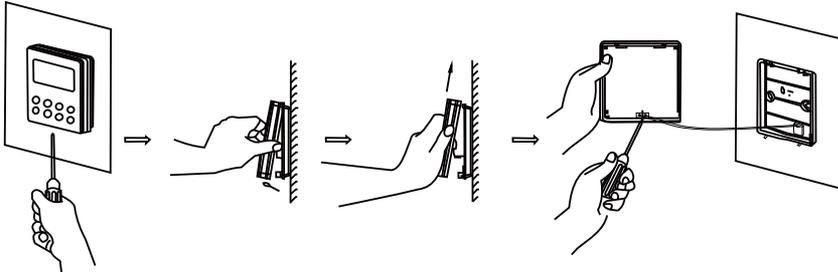


Fig. 27 Demontarea telecomenzii cu fir

#### 5 Afișarea erorilor

Atunci când există erori de funcționare a unității, codul de eroare va fi afișat pe telecomanda cu fir. Atunci când apar erori multiple, codurile de eroare vor fi afișate circular. Atunci când apare o eroare, vă rugăm să opriți imediat unitatea și să contactați personal calificat. Ceea ce apare afișat în Fig. 28 înseamnă protecție la presiune ridicată.

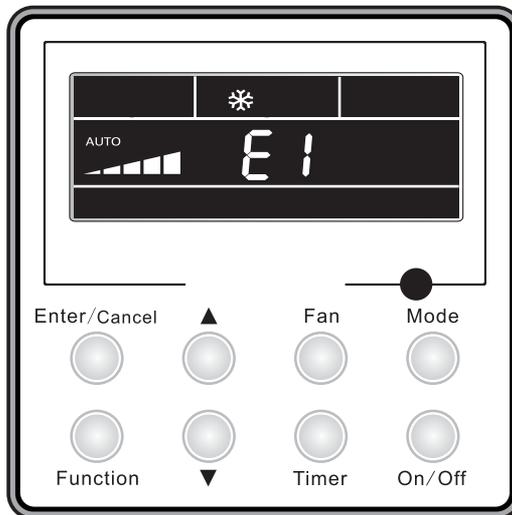


Fig.28

Codurile de eroare și semnificația lor:

Tabelul 5

Număr	Cod de eroare	Eroare
1	E1	Protecție presiune înaltă a compresorului
2	E2	Protecție anti-îngheț pentru interior
3	E3	Protecție presiune joasă a compresorului, protecție lipsa de agent de refrigerare și mod de fixare a agentului de refrigerare
4	E4	Protecție temperaturi mari ale compresorului
5	E6	Eroare de comunicare
6	E8	Eroare motor ventilator interior
7	E9	Protecție apă nivel maxim
8	F0	Eroare senzor temperatură de ambient interior
9	F1	Eroare senzor temperatură de evaporare
10	F2	Eroare senzor temperatură de condensare
11	F3	Eroare senzor temperatură de ambient exterior
12	F4	Eroare senzor temperatură debit
13	F5	Eroare senzor temperatură al aparatului de comandă
14	C5	Eroare cod capacitate
15	EE	Eroare chip memorie exterior
16	PF	Eroare senzor cutie electrică
17	H3	Protecție suprasarcină compresor
18	H4	Supraîncărcare
19	H5	Protecție IPM
20	H6	Eroare motor ventilator DC
21	H7	Protecție desincronizare de acționare
22	Hc	Protecție Pfc
23	L1	Eroare senzor umiditate
24	Lc	Eroare de activare
25	Ld	Protecție succesiune de fază a compresorului
26	LF	Protecție alimentare
27	Lp	Nepotrivire interior și exterior
28	U7	Protecție modificare direcție la supapa în 4 direcții
29	P0	Protecție resetare circuit
30	P5	Protecție supraindensitate
31	P6	Eroare de comunicare între comanda principală și circuit
32	P7	Eroare senzor modul de acționare(circuit)
33	P8	Protecție supraîncălzire modul de acționare
34	P9	Protecție trecere zero
35	PA	Protecție curent AC

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Număr	Cod de eroare	Eroare
36	Pc	Eroare curent motor
37	Pd	Protecție conectare senzor
38	PE	Protecție variație de temperatură
39	PL	Protecție tensiune joasă magistrală
40	PH	Protecție tensiune înaltă magistrală
41	PU	Eroare buclă de încărcare
42	PP	Tensiune la intrare anormală
43	ee	Eroare chip memorie de acționare

