

The background is a solid teal color. On the left side, there is a low-angle photograph of a modern skyscraper with many windows, also in a teal tint. Overlaid on the right side of the image are several thin, light-colored concentric circles and small dots, creating a technical or architectural feel.

Hisense

**Australia
zone solution
presentation**

Contents

1、 zone wired controller

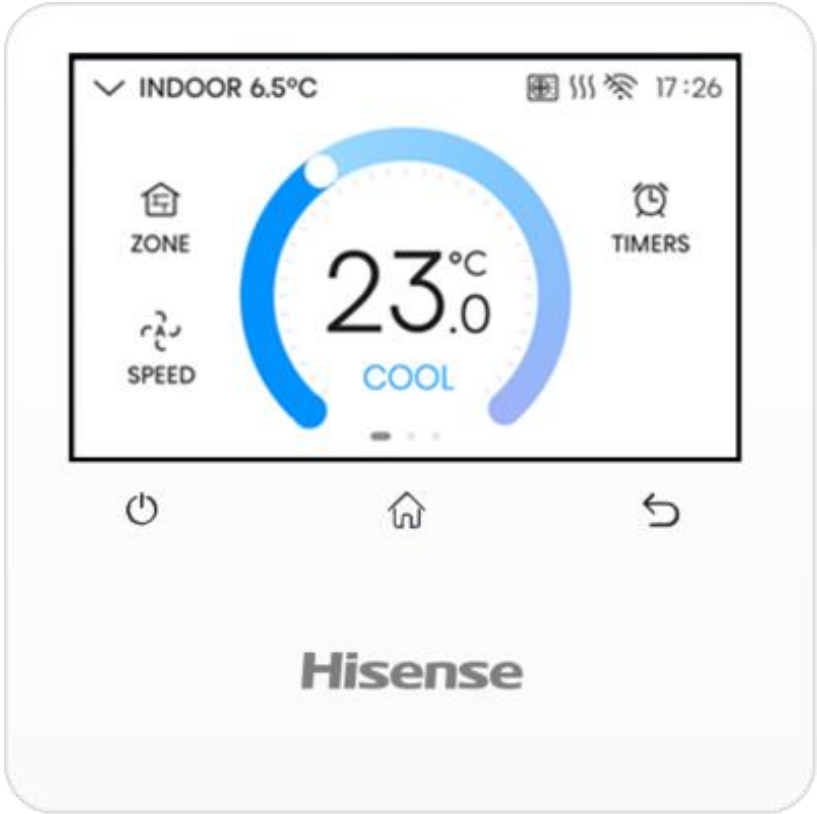
2、 zone APP

A tall, modern glass skyscraper with the Hisense logo at the top. The building is partially obscured by a teal overlay and a light blue wave-like shape at the bottom.

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Zone Wired Controller

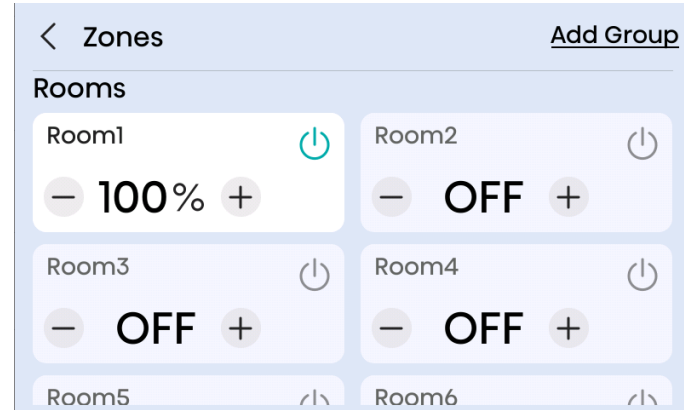
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Model no.	HACZ01
Dimension (WxH)	120mm x 120mm
Max. number of unit	1
Applicable unit type	Duct
Temperature setting range	16°C~30°C
Power supply	DC 12V
Key features	Touch screen Inbuilt Wifi Wireless signal receiver

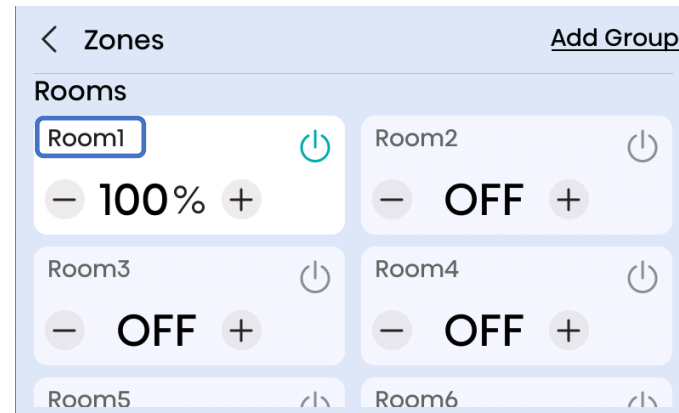
Zone Wired Controller- zone function

Hisense



1 ON/OFF the zone

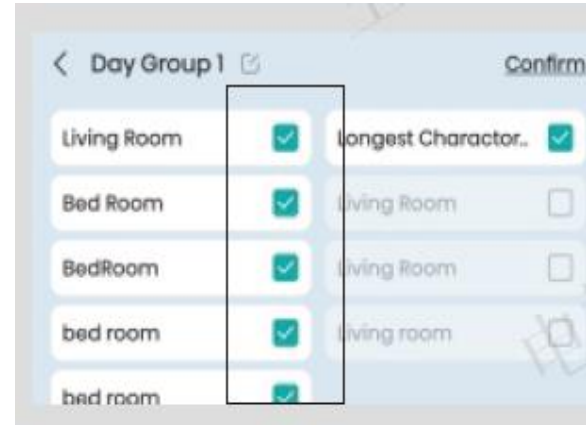
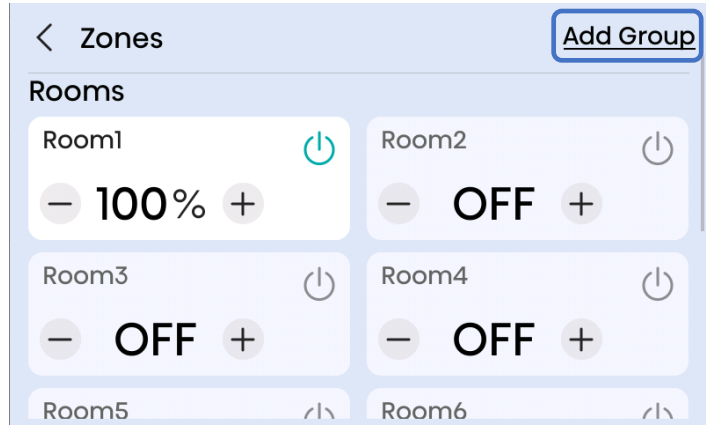
2 adjust the opening degree from 5% to 100% with 5% interval



1 Press "room1" to rename

Zone Wired Controller- zone function

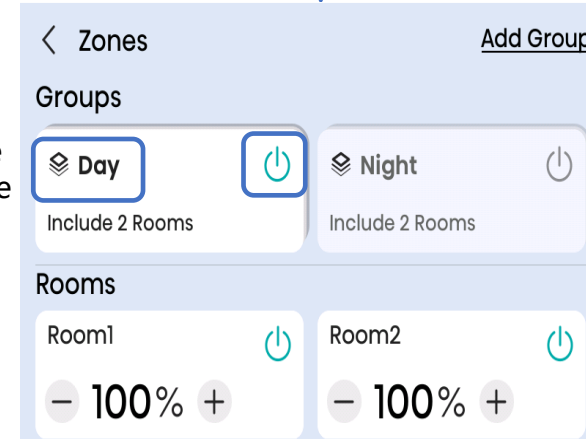
Hisense



1 select different zones to make a group



Change group name by press group name

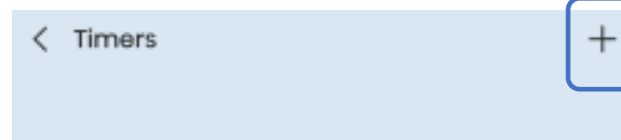


1 After press "confirm" The day group is formed.

2 When press ON/OFF button, all zones in group will be ON/OFF the same time.

Zone Wired Controller- timer function

Hisense

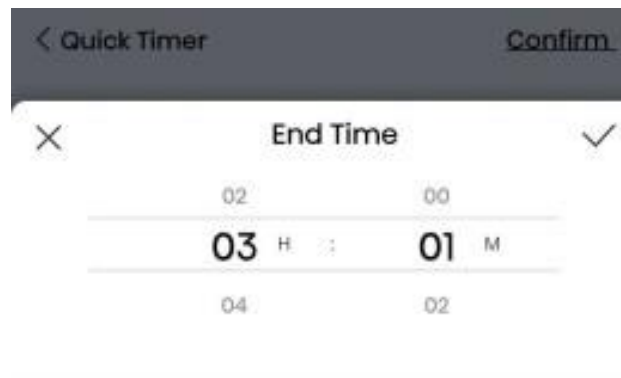
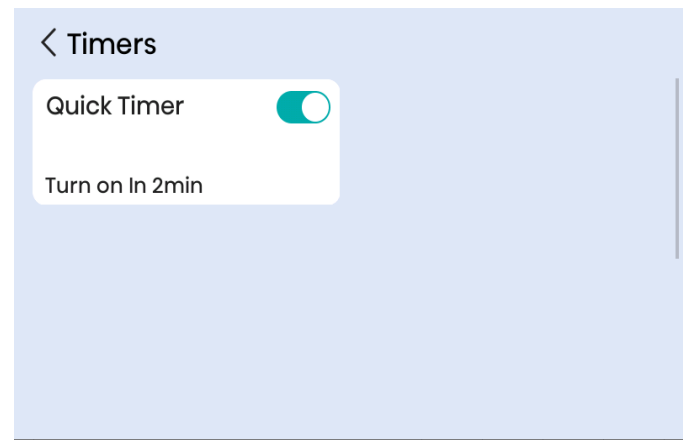


1 Press "+"



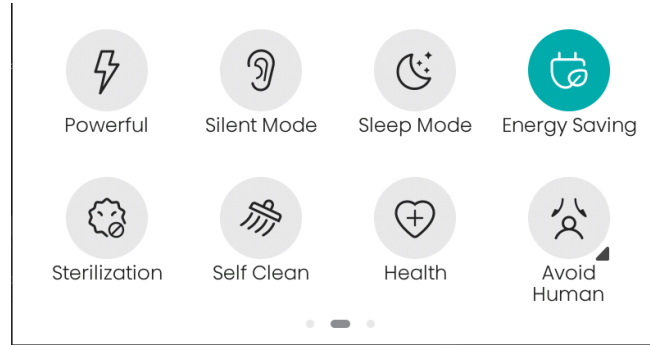
1 Press round button to activate start time or end time or both time

2 Press ">" to set the time



Zone Wired Controller- main functions

Hisense

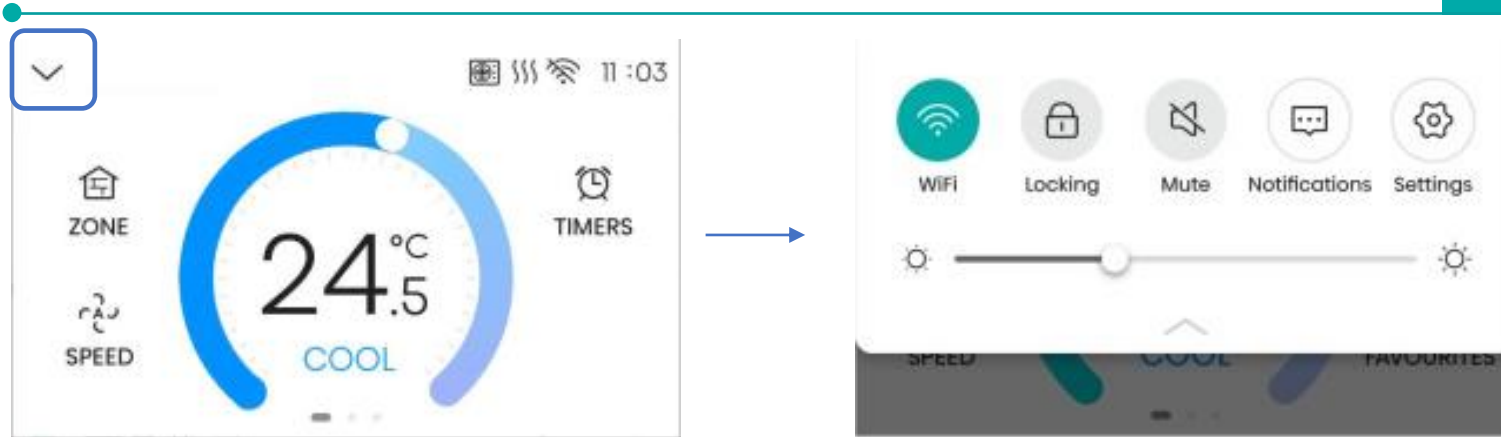


When press one icon, it turns from grey to green.

Main Functions	Function description
Powerful	The maximum cooling/heating capacity can be activated at the super mode
Silent Mode	The Silent mode reduces the noise by changing the fan speed to low for indoor unit, limit the outdoor fan speed and compressor frequency so as to keep quiet during operation at night.
Sleep Mode	With the sleep function, the air conditioner will run in the mode of comfortable sleep to improve comfort.
Energy Saving	Under the Energy Saving mode, the air conditioner will run more energy-saving.
Self Clean	Under the self-cleaning mode, the indoor unit will activate the self-cleaning operation for heat exchanger.
Health	In the health mode, indoor air sterilization is performed , high nano function will activate
Home Leave	Home Leave is a feature that enables to keep the room temperature above 8°C when the occupants are out , to keep not too cold when occupants go back.

Zone Wired Controller- pull down function

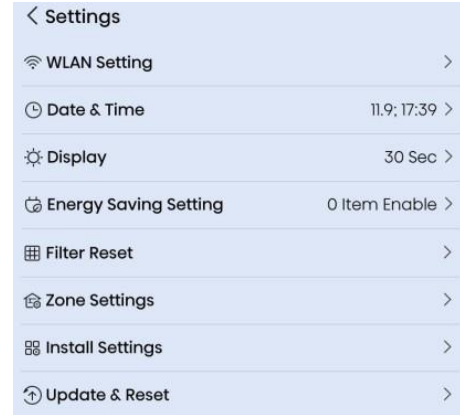
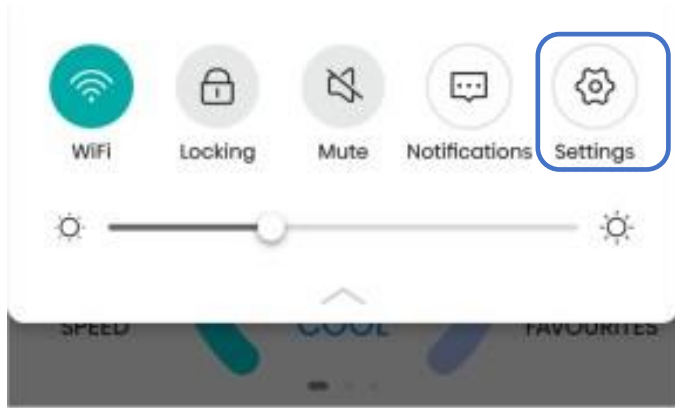
Hisense



Pull down functions	Function description
WiFi	To enter the Wi-Fi setting state.
Locking	The screen lock protects your air conditioning from potential damage by children playing with the controller.
Mute	Turn on/off the buzzer indicator.
Notifications	Three types of notifications are provided: version update notification, error notification, and filter cleaning notification.
Settings	To enter the settings page.
Back light	Drag the slider to adjust the brightness of the backlight.

Zone Wired Controller- pull down function

Hisense



Menu	Setting describe
WLAN Setting	To enter the Wi-Fi setting state.
Date & Time	When the wired controller is connected to the network, under the "Date&Time" setting, enable "Auto Set Date & Time" to update the time automatically ; or disable "Auto Set Date & Time" so that you can set the time by yourself.
Display	To set screen auto-off time, show indoor temperature & time
Energy Saving Setting	TEMP. Unit: to set the temperature range; Temp.reset: to set the required time to return to the preset temperature after startup; Auto shut down: to set the time from startup to automatic shutdown.
Filter Reset	To reset the filter after it is cleaned
Zone Settings	Set by installer
Install Settings	Set by installer

Zone Wired Controller- pull down-setting

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< Date & Time

Auto Set Date& Time ☐

Date 2/18/2023 >

Time 21:47 >

Summer Time ☒

Start Date 6/30 >

End Date 10/30 >

Holiday ☒

Start Date 6/30 >

End Date 10/30 >

1 "Auto Set Date & Time" to update the time **automatically**
Disable "Auto Set Date & Time" so that you can set the time by yourself.

2 Summer time: setting to automatic adjust time when summer comes

< Display

Screen Time After 30 Sec. >

Screen Display Indoor TEMP. &Time >

Brightness 30% >

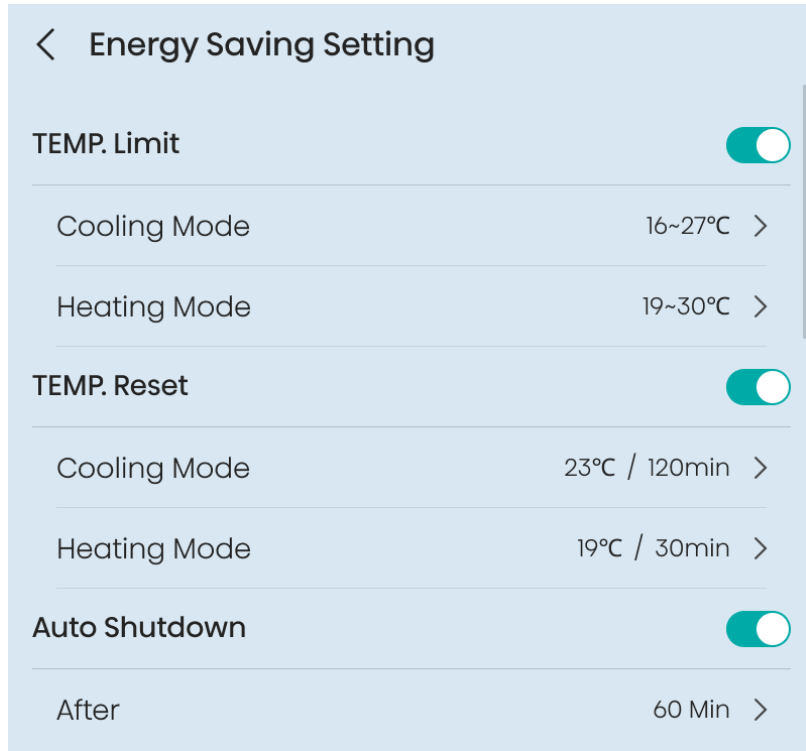
1 Screen time : screen auto-off time

2 Screen display: display the indoor ambient temperature & time or not

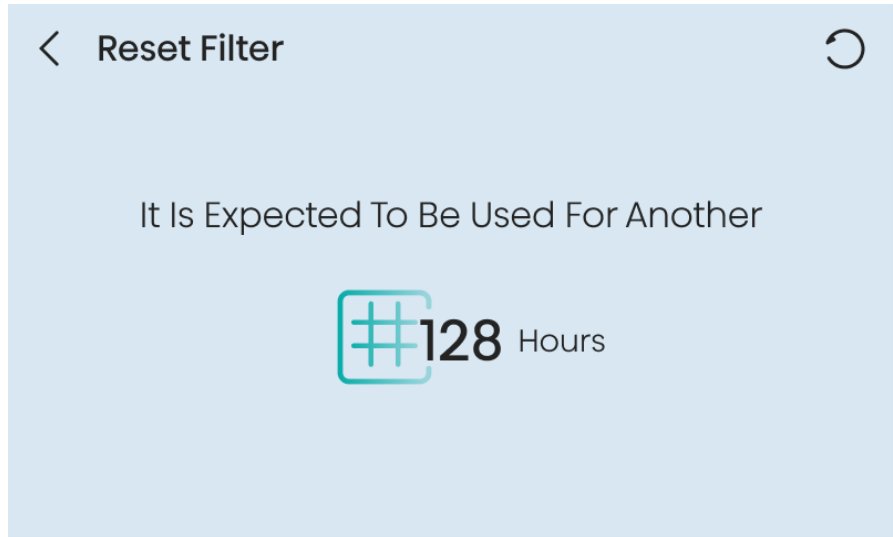
3 Brightness : show brightness percentage

Zone Wired Controller- pull down-setting

Hisense



- 1 Temp. Limit: set the temperature range;
- 2 Temp. Reset: to set the required time to return to the preset temperature after startup;
- 3 Auto shut down: to set the time from startup to automatic shutdown in every operation.

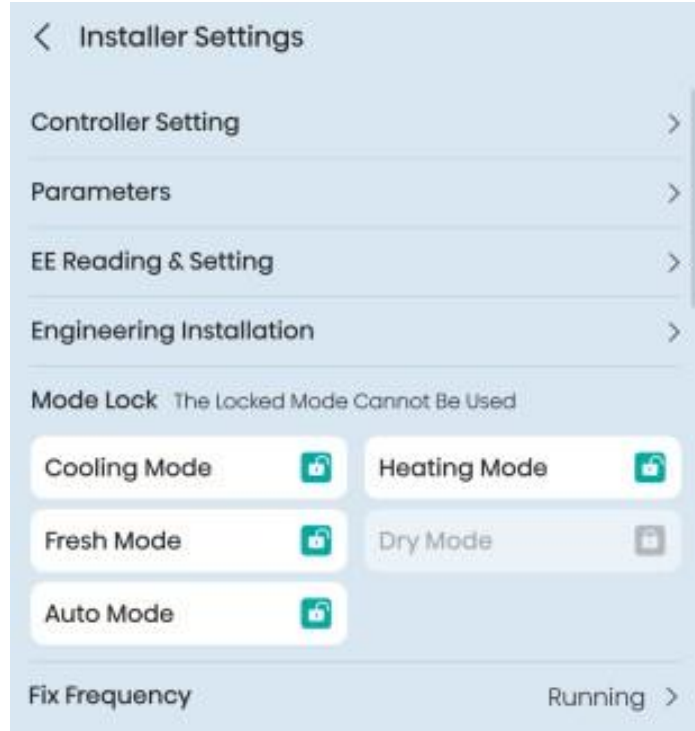


- 1 Filter Reset :to reset the filter after it is cleaned

Zone Wired Controller-installer setting

Hisense

Installer settings password: 7812



Main three setting in installer setting.

1 controller setting

2 parameters

3 EE reading & setting

Installer can choose the mode lock in installer setting

Zone Wired Controller-installer setting-controller setting & parameters

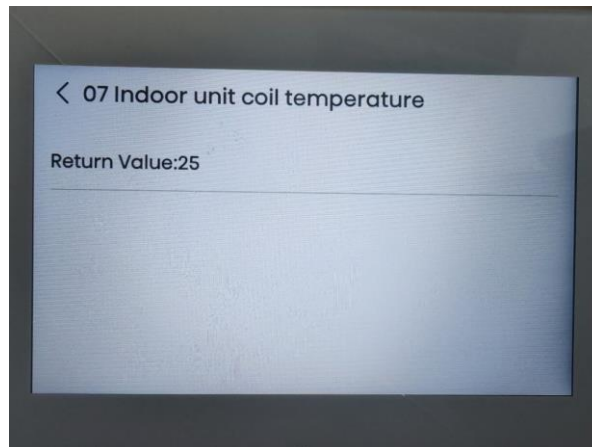
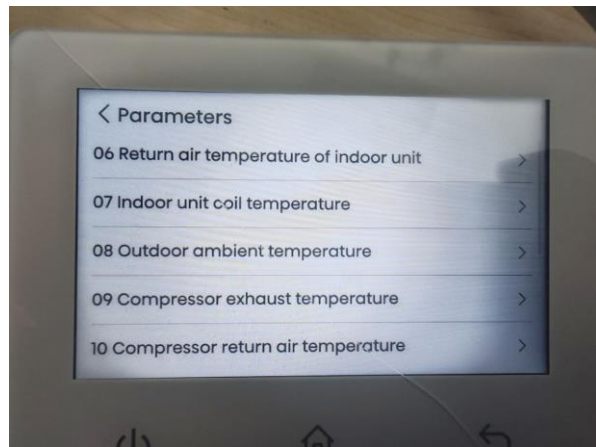
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Controller setting

Forbid remote & buttons: means forbid the wireless controller control

Malfunction shield: not display one malfunction code in controller if it is not a big problem



Parameters

Check the required data from wired controller for service purpose

Zone Wired Controller-installer setting-EE reading

Hisense

The EE reading & setting



The EE reading & setting main parameters is shown as follows:

(more representation please check service manual)		
Description	Representation (Function Code)	NOTE
Static Pressure Set	1~250, function code= static pressure Default is 150 (12.5/14/16kw) Default is 130 (8.5/10kw) related to models	Duct type (DC motor)
Ratio of ambient temperature sensed by indoor temperature sensor(cooling mode)	0~10 valid, more than 10 default is 10. 0:0%; 1:10%;...;10:100%	0: entirely use temperature sensed by wired controller; 10: entirely use temperature sensed by indoor unit
Ratio of temperature sensed by indoor temperature sensor (heating mode)	0~10 valid, more than 10 default is 10 0: 0%; 1: 10%; ...; 10: 100%	0-entirely use temperature sensed by wired controller; 10-entirely use temperature sensed by indoor unit.
Temperature adjustment-cooling	-10~10°C (single character with symbol)	
Temperature adjustment-heating	-10~10°C (single character with symbol)	
Filter clean indication	0: Cancel Filter Clean function; 1: Set Filter Clean function; others: invalid	
Filter clean time set	0~32, more than 32 default is 32*1000h	

Zone Wired Controller-zone setting

Hisense

zone settings password: 7812

< Zone Settings

We must do the setting for "number of zones" "zone rename" "spill zone" "number of outlets" in turn to keep the smooth operation.

Number of Zones 8 >

Zone Rename

Room1	Step 2	Room2
Room3		Room4
Room5		Room6
Room7		Room8

Spill Zone

Step 3

Room1	Room2
Room3	Room4
Room5	Room6
Room7	Room8

Number of Outlets

Step 4

Room1	Room2	Room3
- 1 +	- 2 +	- 2 +
Room4	Room5	Room6
- 1 +	- 2 +	- 2 +
Room7	Room8	
- 1 +	- 1 +	

Finish

Step 1: Setting of number of zones

The number of zones must be the same with the actual zones' quantity at the site.
If this is wrong, the system may not work properly.

< Zone Settings Skip >

Number of Zones

7

8

Step 2: Zone renaming

< Rename

Please enter a new name

Q W E R T Y U I O P

A S D F G H J K L

* Z X C V B N M

123, @# Space Go

Zone Wired Controller-zone setting

Hisense

zone settings password: 7812

The screenshot shows the 'Zone Settings' app interface. At the top, there is a note: 'We must do the setting for "number of zones" "zone rename" "spill zone" "number of outlets" in turn to keep the smooth operation.' Below this, the 'Number of Zones' section has a value of '8' with a right arrow, annotated with a blue box and 'Step 1'. The 'Zone Rename' section shows a grid of rooms (Room1 to Room8) with edit icons, annotated with a blue box and 'Step 2'. The 'Spill Zone' section has a toggle switch turned on, annotated with a blue box and 'Step 3'. The 'Number of Outlets' section shows a grid of rooms with minus, value, and plus buttons, annotated with a blue box and 'Step 4'. The values shown are: Room1 (1), Room2 (2), Room3 (2), Room4 (1), Room5 (2), Room6 (2), Room7 (1), and Room8 (1). A 'Finish' button is at the bottom.

Step 3 :Setting spill zone

Choose one spill zone unless there is a permanent open zone used as spill zone. Otherwise there will be no spill zone when all zones are closed and damage maybe caused by high pressure building up inside ducts if air conditioner is running.

Step 4 : Setting number of air outlet

Set the number of outlets corresponding to each damper according to the actual situation.

Different air outlet size represents different coefficient,

8 inch represents 0.6, 10 inch represents 1.0, 12 inch represent 1.4,

We need to add each air outlet coefficient together and input the total air outlet coefficient into wired controller, we need to follow "half adjust" rules to put air outlet size coefficient.

Example: When zone 1 connects three 8 inch outlets, one 10 inch outlets, the total outlets coefficient for zone 1 is

$3 * 0.6 + 1 * 1 = 2.8$, installer needs to put 3 in zone 1 outlet.

Air outlet coefficient chart below:

air outlet size (inch)	air outlet coefficient
8	0.6
10	1
12	1.4
14	2
16	2.6
18	3.2

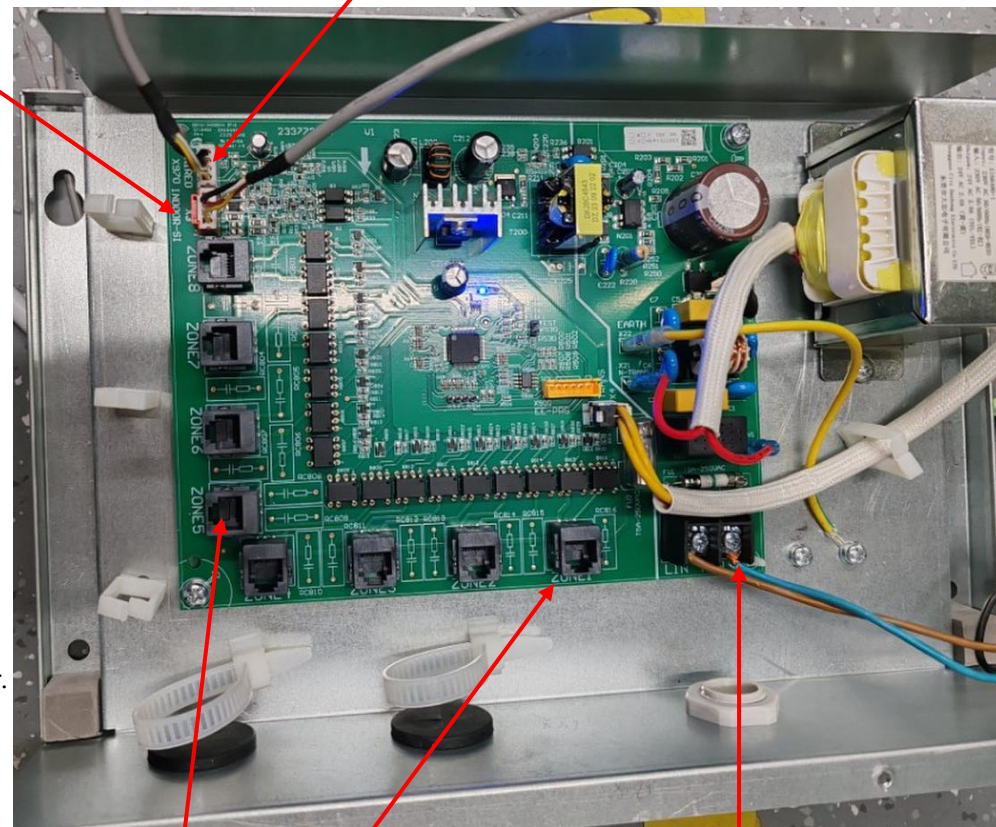
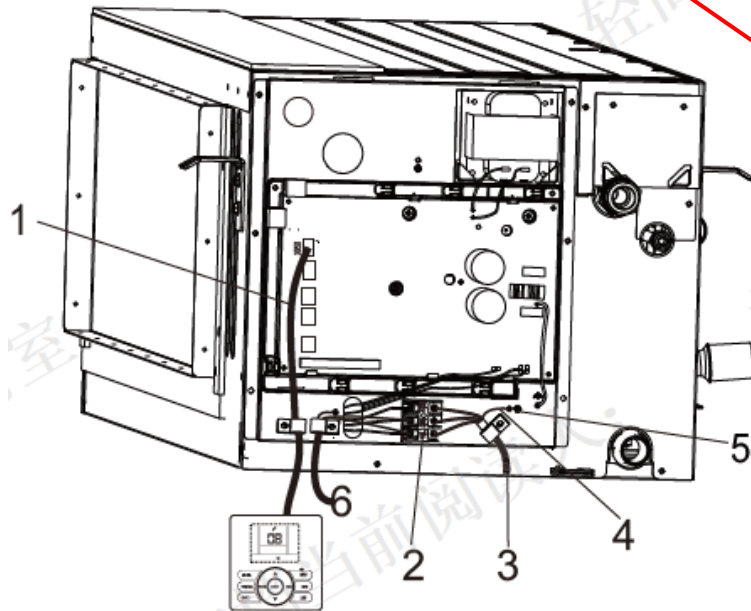
The setting is for the purpose of automatic airflow adjustment when some zones are closed.
The setting is for the purpose of spill zone opening degree calculation.

Zone Wired Controller-connection

Hisense

If use Hisense zone control below is wired controller port.

If use Hisense zone control indoor cable no.1 connects to "indoor-S1" port.



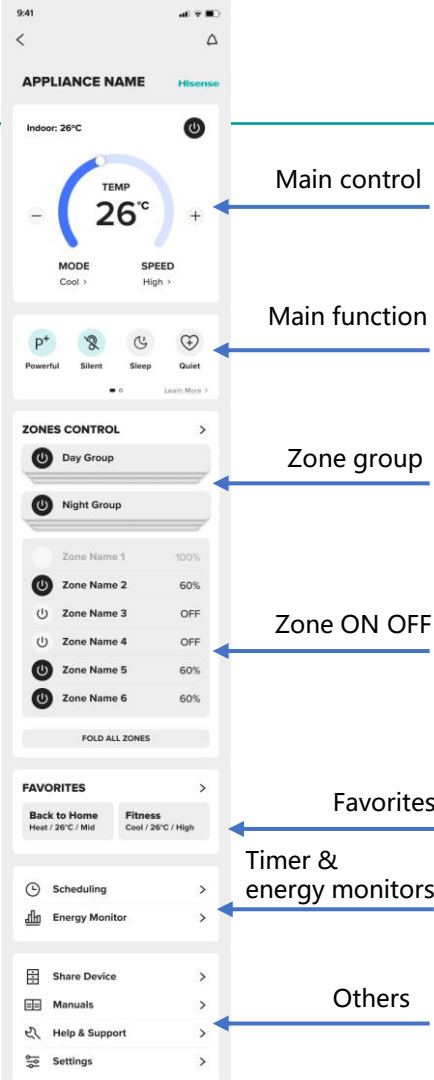
If no Hisense zone control indoor cable no.1 connects to wired controller.

Note: Damper connection must follow 1/2/3/4/5/6/7/8 in order, 1 is the first zone, 8 is the last zone, can't do random connection, or else the operation will have problems.

24V damper connection with "zone5,zone6,zone7,zone8"

24V damper connection with "zone1,zone2,zone 3,zone 4"

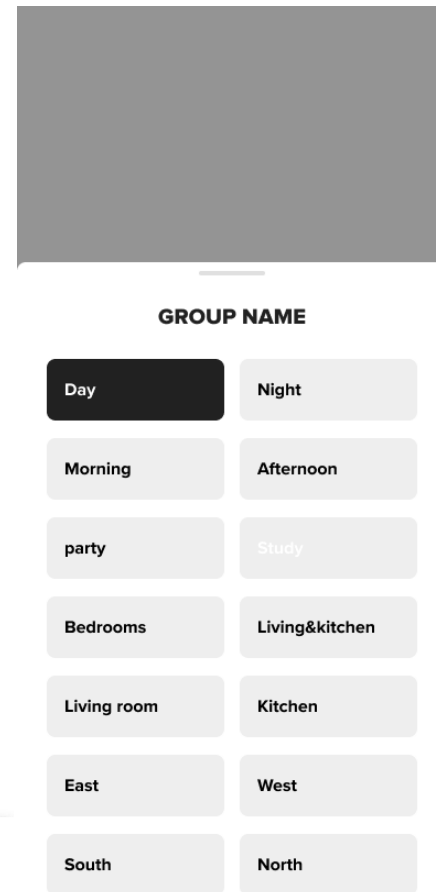
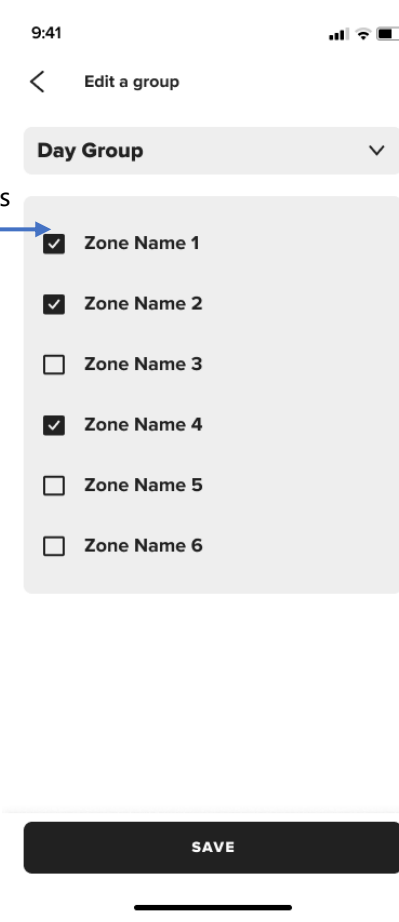
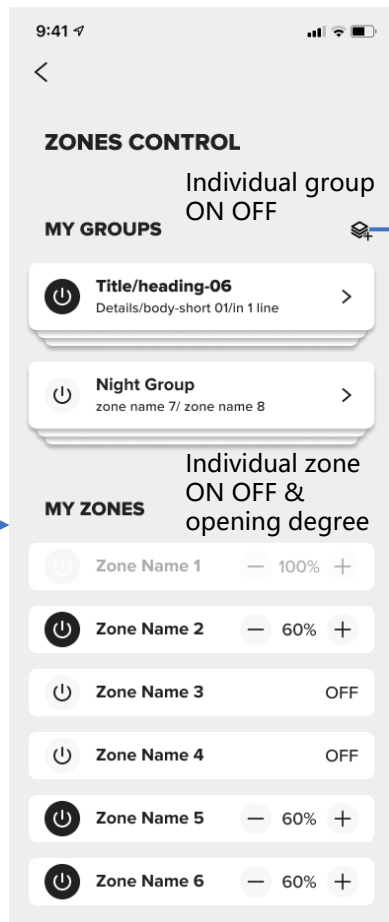
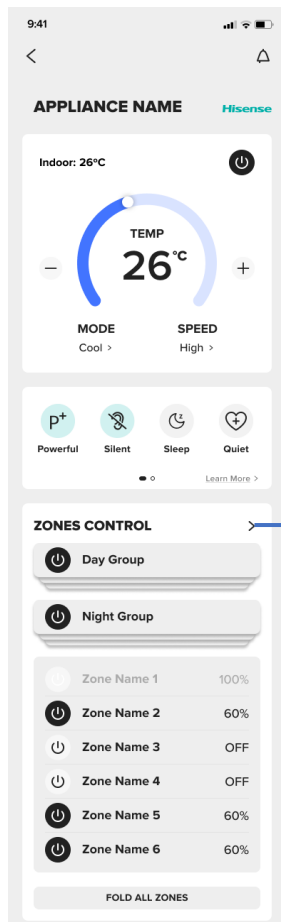
If use Hisense zone control indoor cable no.6 connects to power port. Power cable size:1.5mm² *3



*When you are outside,
you can active the air conditioner,
like cooling or heating or high nano healthy in fan mode*

Zone APP- zone control

Hisense



Zone APP- timer

9:41



< Add a scheduling

Quick-Set

Pro-Set

Start Time

AC will start at 5:32PM

0 50

1 00

2 h 10 min Later

3 20

4 30

End Time



START

Two timer pattern: quick timer / pro timer

Quick timer start time

Two time display

Quick timer finish time

The quick timer & pro timer setting quantity has no limited

9:41



< Add a scheduling

Quick-Set

Pro-Set

Pro-Set 1

TIME

All-Day



Weekly Repeat



(M) (T) (W) (T) (F) (S) (S)

Date From

04/10/2023 >

Date To

Forever >

SELECT MODE

Cold

TEMPERATURE

26°C

WINDSPEED

Medium

Zone Control



Zone Name 1 — 100% +

Zone Name 2 — 60% +

Zone Name 3 — 60% +

Zone Name 4 — 60% +

START

Hisense

Two timer pattern: quick timer / pro timer

pro timer rename

set time

set weekly repeat

set period

set zones

SELECT TIME

Start time

End time

8

28

9

29

10

30

11

31

12

32

SELECT TIME

Date from

Date to

Forever

April 10

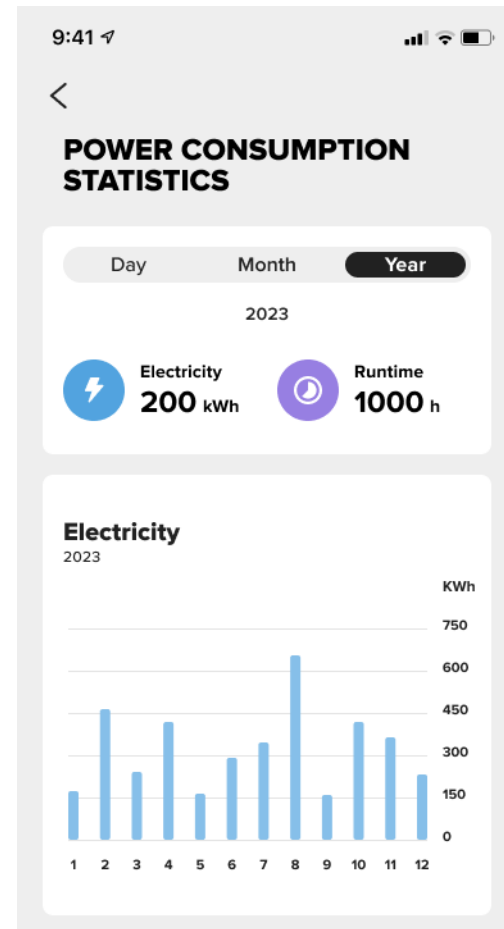
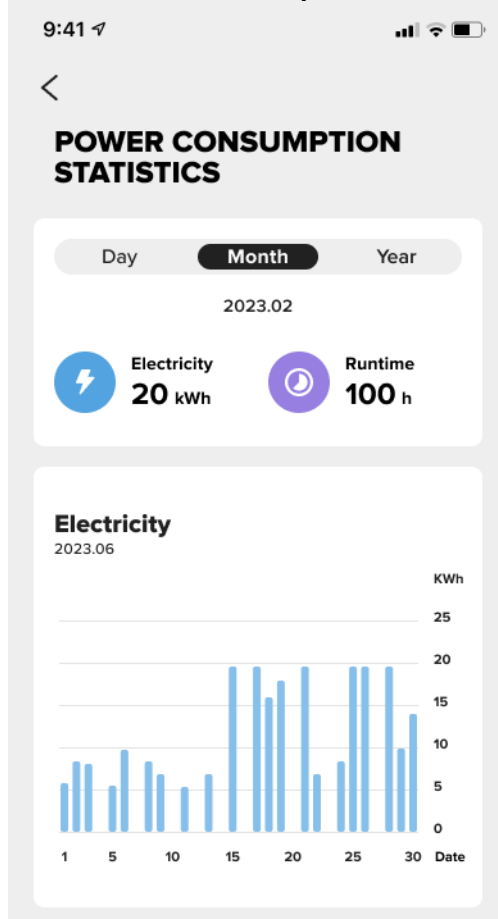
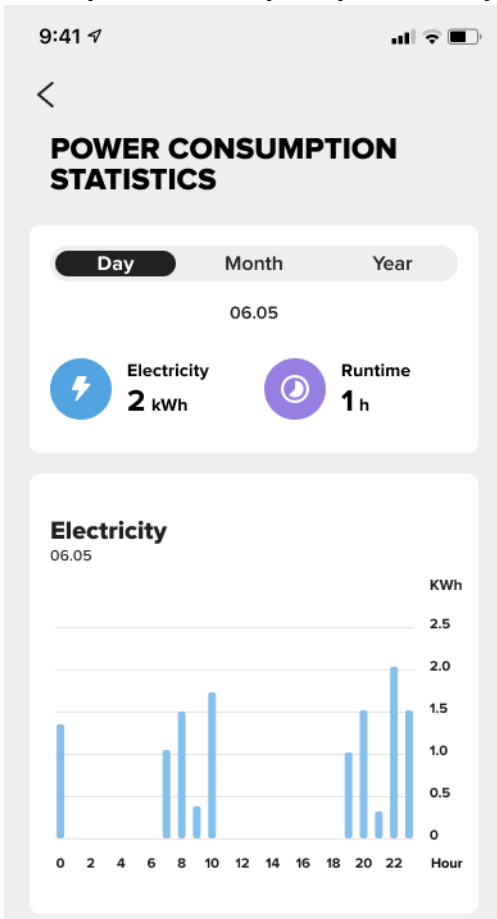
April 11

April 12

Zone APP-power consumption statistics

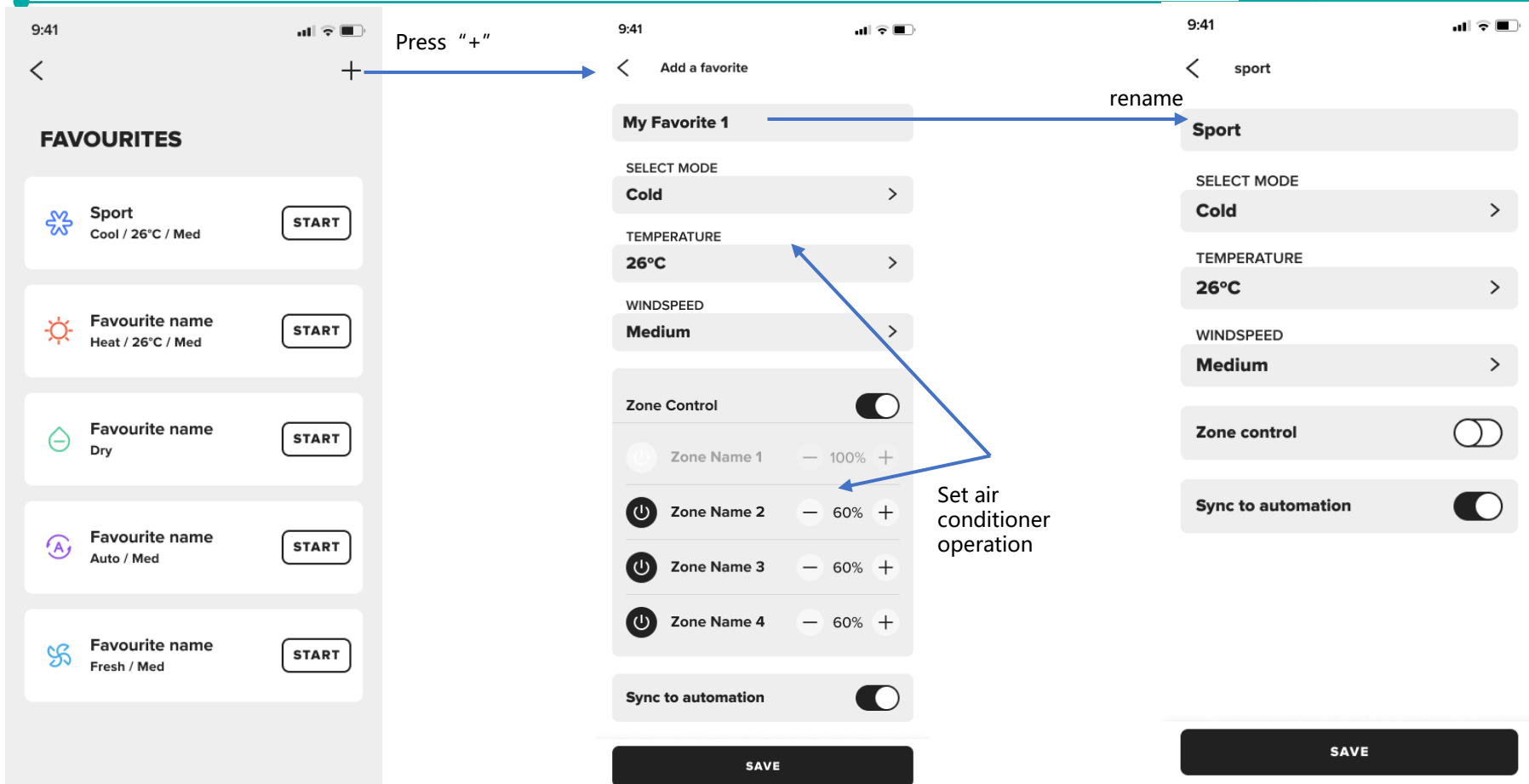
Hisense

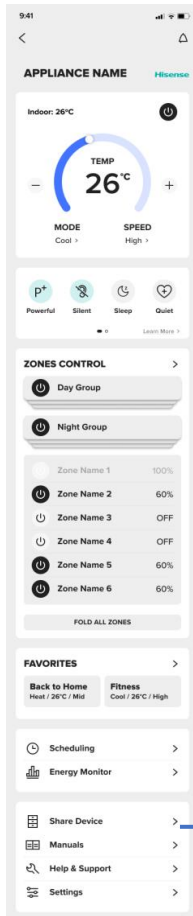
Three power consumption pattern : day /month/year , end user can check the power and running time



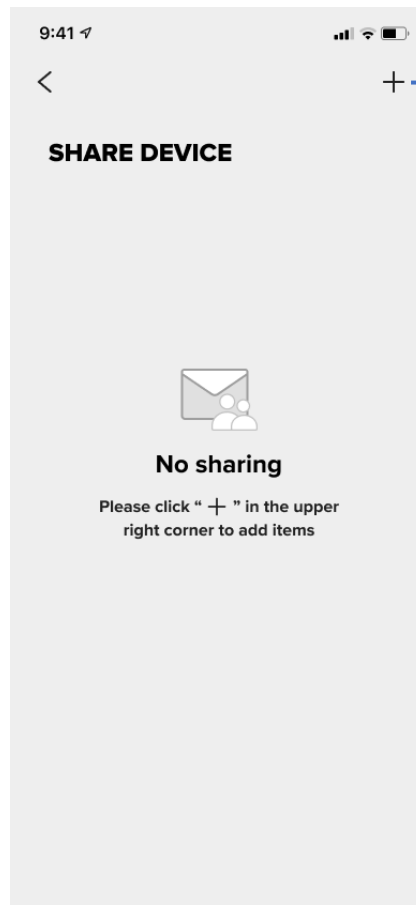
Zone APP-favourites

Hisense





Press ">"



Press "+"

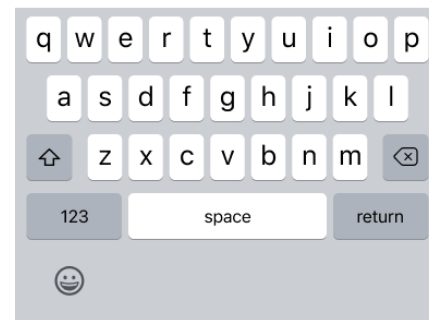


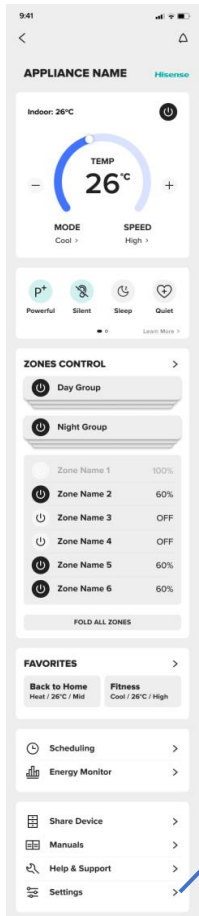
Please enter the e-mail

CANCEL

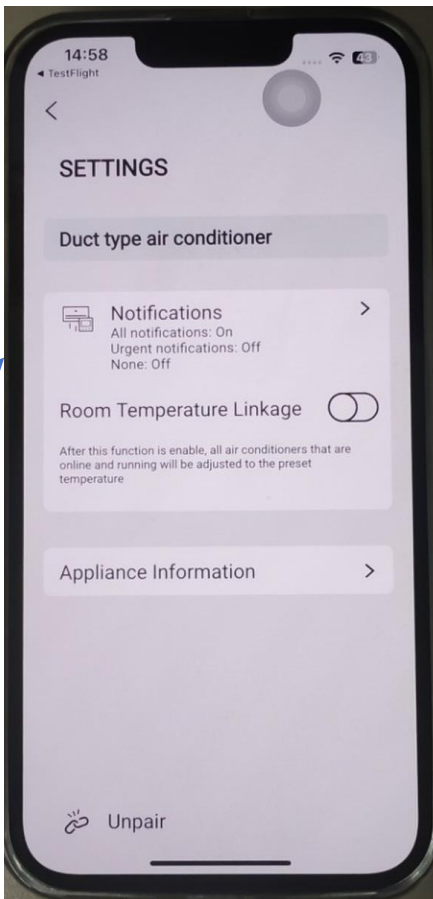
SEND

Enter email and send,
then you can share
the zone APP to
anyone you want.





Press ">"



Choose the notification type:

- 1 All notification
- 2 Only urgent notification like error code
- 3 No notification

A low-angle photograph of a modern skyscraper with a glass facade, featuring the Hisense logo at the top. The building is partially obscured by a large, curved, light blue graphic element on the right side of the frame.

Hisense

Thanks