



Contents

zone wired controller
 zone APP



Zone Wired Controller





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



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< Zones

Hisense by fourways

Add Group

1 ON/OFF the zone

Zone Wired Controller- zone function





Zone Wired Controller- timer function





Hisense by fourways



Zone Wired Controller- main functions





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



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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





< Settings	
察 WLAN Setting	>
🕒 Date & Time	11.9; 17:39 >
🔅 Display	30 Sec >
🛱 Energy Saving Setting	0 Item Enable >
I Filter Reset	>
🗟 Zone Settings	>
🗄 Install Settings	>
🕤 Update & Reset	>

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



< Date & Time	
Auto Set Date& Time	
Date	2/18/2023 >
Time	21:47 >
Summer Tme	
Start Date	6/30 >
End Date	10/30 >
Holiday	
Start Date	6/30 >
End Date	10/30 >

< Display	
Screen Time	After 30 Sec. >
Screen Display	Indoor TEMP. &Time
Brightness	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

Screen time : screen auto-off time
 Screen display: display the indoor ambient temperature & time or not
 Brightness : show brightness percentage

Zone Wired Controller- pull down-setting

Energy Saving Setting < TEMP. Limit 16~27°C > Cooling Mode Heating Mode 19~30°C > **TEMP.** Reset 23°C / 120min > Cooling Mode 19°C / 30min > Heating Mode Auto Shutdown After 60 Min >

Hisense by fourways **Reset Filter** It Is Expected To Be Used For Another 8 Hours

Temp. Limit: 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 in every operation.

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

Zone Wired Controller-installer setting



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 settingcontroller setting & parameters

V1.23

0

0>

0>





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



< Controller Settings

Display Indoor TEMP.

Display Indoor Humidity

Forbid Remote & Buttons

Malfunction shield

Version



Parameters

Check the required data from wired controller for service purpose

Zone Wired Controller-EE reading

The EE reading & cotting



	"Setting is successful" means setting is done.
< EE reading & setting	CEE reading Setting is successful
00 Reserved items >	00 Reserved items
Self-recovery of power break	Ol Self-recovery of power break
255	02 Temperature type
Current 0	
1	03 Temperature display >
ters is shown as tollows:	04 Ratio of indoor unit body temperature (cooling r $>$
v (ice manual)	
Representation (Function Code)	NOTE
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)
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
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.
-10~10°C (single character with symbol)	
-10~10°C (single character with symbol)	
0: Cancel Filter Clean function; 1: Set Filter Clean function; others: invalid	
	EE reading & setting 00 Reserved items Self-recovery of power break 255 Current 0 1 eters is shown as follows: 7 ice manual) Representation (Function Code) 1~250, function code= static pressure Default is 150 (12.5/14/16kw) Default is 150 (12.5/14/16kw) Default is 130 (8.5/10kw) related to models 0~10 valid, more than 10 default is 10. 0:0%; 1:10%;;10:100% -10~10°C (single character with symbol) -10~10°C (single character with symbol) 0: Cancel Filter Clean function; 1: Set Filter Clean function; 0: Cancel Filter Clean function; 1: Set Filter Clean functi

Zone Wired Controller-zone setting

zone settings password: 7812

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.



$\begin{array}{c|c} \leftarrow & \text{Zone Settings} & \text{Skip} & \rightarrow \\ \\ \times & \text{Number of Zones} & \checkmark \\ \hline & & & \\ \hline \end{array} \\ \hline & & & \\ \hline \hline \\ \hline & & & \\ \hline \end{array} \end{array}$

Step 2 :Zone renaming





Zone Wired Controller-zone setting

zone settings password: 7812



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.

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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

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

If use Hisense zone control below is wired controller 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 has 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

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Zone APP



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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





	9:41 🗸			중 ∎)		9:41	
	<					<	Edit a group
	ZONES CONTROL					Day Group	
	MY GRO	Indi ON UPS	vidual g OFF	roup 😪	press		Zone Name 1
	Deta	e/heading-06 ails/body-short 01	i /in 1 line	>		~	Zone Name 2
	U Nig	ht Group		>			Zone Name 3
	zone	e name 7/ zone na	ame 8	_		~	Zone Name 4
	MY ZON	Indi ON es ope	vidual z OFF & ning de	one			Zone Name 5
	Zor	ne Name 1	- 100%	+			Zone Name 6
	U Zor	ne Name 2	- 60%	+			
	() Zor	ne Name 3		OFF			
	() Zor	ne Name 4		OFF			
	U Zor	ne Name 5	- 60%	+			
1	U Zor	ne Name 6	- 60%	+			



Zone APP- timer



The quick timer & pro timer setting quantity has no limited



START

Zone APP-power consumption statistics

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

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< POWER CONSUMPTION STATISTICS

9:41 🗸



Electricity 06.05 KWh 2.5 2.0 1.5 1.0 0.5 0 0 2 4 6 8 10 12 14 16 18 20 22 Hour

C POWER CONSUMPTION STATISTICS Day Month Year 2023.02

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Zone APP-favourites

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Dry

Auto / Med

Sport

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Zone APP-others







Zone APP-others







Choose the notification type:

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