

Shutdown display :

0-No content displayed

1-Display current temperature

and "OFF" icon

Sensor :

0- Inner sensor

1- Remote sensor

Stop the fan:

0- Off

1- On

Energy saving Temp.(Cool)

Range: 25~30 step: 1

25

Energy saving Temp.(Heat)

Range: 10~20 step: 1

15

DI Function:

0-Energy saving

1-Remote on/off

Energy saving fan speed

Control: 0-Low

1-Medium

2-High

Valve:

0-Four-pipe

1-Two-pipe

Power supply linkage:

0-Off

1-On

DI FUNCTION:

Set the internal-setting item 11

as 0 : Energy saving function

• When the DI input terminal is shorted, the controller enters the energy saving function and the energy saving icon is displayed.

When in the cooling mode, the set temperature is automatically adjusted to the cooling energy saving temperature; when in the heating mode, the set temperature is automatically adjusted to the heating energy saving temperature. All keys cannot be operated.

• When the DI input terminal is opened, the energy saving function is exited, the energy saving icon is hidden, and the set temperature is restored to the original set temperature value.

• Under the energy saving function operation, the set temperature cannot be adjusted, and the set temperature can only be the cooling energy-saving temperature or the heating energy-saving temperature. The "SET" icon flashes slowly to indicate that the current set temperature is not adjustable.

• Only in manual cooling and manual heating mode, the energy saving function will be turned on. When turned on, the fan speed becomes the fan speed of internal-setting item 12.

• After the energy saving function exits, the fan speed returns to the state before entering the energy saving mode.

- as 1 : Remote on/off function
- When the DI input terminal is shorted, the controller is turned off (Remote off)
- When the DI input terminal is opened, the controller is turned on (Remote on)

■ SENSOR ABNORMAL:

• When sensor short or > 60°C: LCD shows 'HI'

• When sensor opens or < 0°C: LCD shows 'LO'

(When above temperature abnormal, the valve and fan output will not affect, just to prompt).

■ Communicating Parameter Setting:

When the thermostat is integrated into building automation system, you can make configuration refer below list.

Addr Reg-isters	Configuration parameters	Significance and adjustment	Properties
1	Power Switch	1-Off; 0-On	R/W
2	Room Temp	Room temperature	R
3	Set Temp	Set temperature valve 1-Low;2-Med;3-High; 4-Auto Med;6-Auto High;5-Auto Low; 7-Auto Stop(1-4:R/W;5-7:R)	R/W
4	Fan Status	0-Ventilation;1-Heat; 2-Cool	R/W
5	System Mode		R/W
6	Valve1 Status	0-closed;1-open	R
7	power status	on 1- Off; 1- On; 2- State before power off	R/W
8	Valve2 Status	0-closed;1-open	R
9	Temp calibration	(-5 ~ 5)°C step: 1°C	R/W
10	Temp Set upper limits	lower limit ~ 45,step: 1	R/W
11	Temp Set lower limits	5 ~ upper limit,step: 1	R/W
12	Panel Lock	1-Locked;0-Unlocked	R/W
13	DI Function	0-Energy saving; 1- Remote on/off	R/W
14	DI Status	0-Shorted;1-Opened	R
15	DI fan control	0-Low;1-Med;2-High; 3-Auto	R/W
16	Turn off time	0-12, step: 1 hour	R/W
17	Remain time	0-12, step: 1 hour	R