

SAS922FCT-CO-S FAN COIL THERMOSTAT

Application: Cool Only or two pipe, 3speed fan

Installation and operation instructions

SPECIFICATION:

Electrical Rating.....	100~240VAC 50/60Hz
Fan Relay Amps inductive.....	8(5)A
Heat/Cool Relay Amps inductive.....	3(2)A
Room Temperature Setting Range.....	5°C to 35°C
Dimensions.....	88mm×88mm×44mm

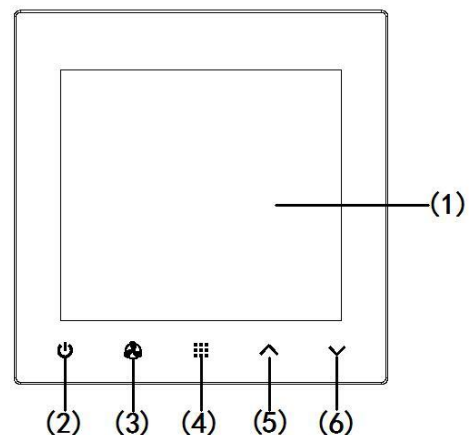
FEATURES:

- Large LCD display with backlight
- Touch button easy for operation
- Display shows both set points and room temperature simultaneously
- Maintains the temperature to within 1 degree set point
- Auto fan with adjustable 3-fan speed.
- Permanent user setting retention during power loss, no batteries are required
- Room Sensor or External sensor model option

OPERATION

The Thermostat Buttons and Switches

- ① Display area
- ② Power On /off button.
- ③ Fan speed option button
- ④ Mode or menu button
- ⑤ Raises temperature setting
- ⑥ Lowers temperature setting.



The Display

- (1) Shows fan speed state (HI、MED、 LOW)
- (2) Shows cooling valve / heating valve on
- (3) Shows heating mode
- (4) Shows cooling mode
- (5) Fan mark
- (6) Shows sleep mode(saving mode)
- (7) Shows room temperature

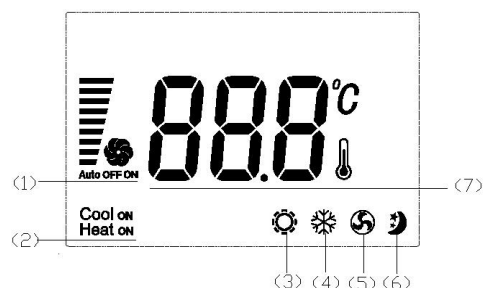
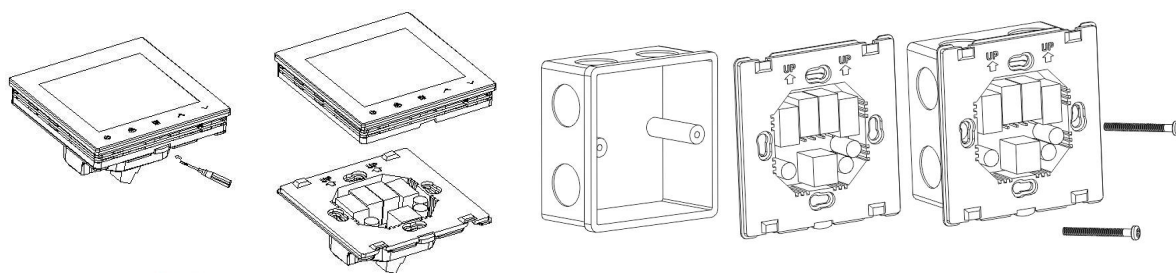


Figure 2

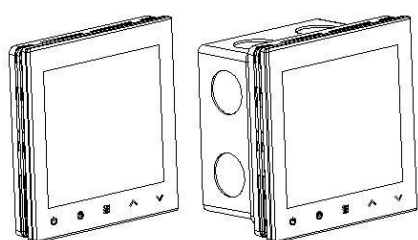
INSTALL THE THERMOSTAT



1. Gently opening the front panel by screw driver at the bottom open mouth.

2. To screw for mounting thermostat in the wall.

Gently pulling the control panel straight off the base connector.



3. Fix the cover on the base.

WIRING DIAGRAM

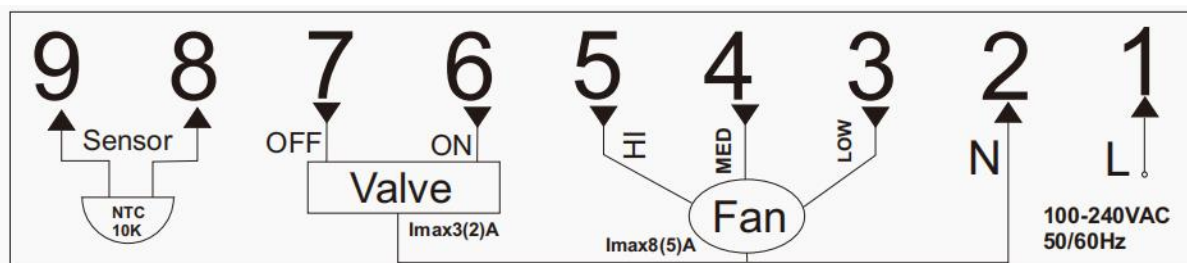


Figure 3

CHECK THERMOSTAT OPERATION

Switch on the thermostat

Fan operation

Push  button can select HI /MED /LOW /AUTO speed.

Sleep mode

Long press  button above 5s will run sleep mode .

CONFIGURATION

The configuration menu allows you to set certain thermostat operating characteristics to your system or personal requirements. Switch off the thermostat and hold the  menu button for over 4 seconds entered the configuration menu item setting, and will show the first configuration menu item. Press  menu button to change to the next item. Press  and  button to select .

To exit the menu and return to the normal operation, switch off the thermostat and switch it on again. If no keys are pressed within 30 seconds the thermostat will be switched off.

To revert to factory default setting, push  button for over 3 seconds. Display will show “DEF” blinking 3 times indicates all the configuration setting has reverted to factory default setting.

Item	Press buttons	Displayed (factory default)	Press“▲”、“▼”to select	Descriptions
1		<i>CL</i> (0)	-4—+4	Calibrate Temperature
2		<i>RH</i> (35℃)	20℃—35℃	Select maximum setting temperature
3		<i>RL</i> (5℃)	5℃—20℃	Select minimum setting temperature
4		<i>rE</i> (rE)	rd/ rE	Memorize power on/off option before power loss
5		<i>LR</i> (OFF)	ON/OFF	Fan keep on or passive output option
6		<i>PP</i> (OFF)	ON/ OFF	Select pump protection
7		<i>CH</i> (CO)	CO/CH	Model Selection

1) Select temperature recalibrates Adjustment 4 LO to 4 HI

The display will show “**Temp adjust**” and factory default setting is **0**.

Using “▲”, “▼” button to select from “-4” to “+4”. You can adjust the room temperature display up to 4 lower or higher.

2) Select maximum temperature

Using “▲” or “▼” button to set the maximum limitation. It can be change from 20℃ to 35℃.

The factory default is 35℃ maximum temperature limitation.

3) Select minimum temperature

Using “▲” or “▼” button to set the maximum limitation. It can be change from 5℃ to 20℃.

The factory default is 5℃ maximum temperature limitation.

4) Memorize power on/off option before power loss

Using “▲” or “▼” button to select between “rE” or “rd”. Factory default is “rd”.

“rE” means the thermostat will keep memory when its ON or OFF status before power loss.

“rd” means no matter the thermostat is switched on or off before power loss, after the power supply comes to normal again the thermostat will keep power off.

5) Select fan stop option

Using “▲” or “▼” button to select between “~~ON~~” or “~~OFF~~”. “~~ON~~” means the fan always keep on whether there is no demand for cooling or heating. “~~OFF~~” means fan will be turned on only when there is demand for cooling or heating. The factory default is “~~ON~~”.

6) Select pump protection mode

Using “▲” & “▼” button to select pump between “ON” and “OF”.

Select “ON” will activate pump protection mode.

Select “OF” will cancel the function. It is recommended to activate the pump at least 30 second every 24 hours in order to avoid any seizing.

The factory default is “ON”.

7) Model Selection

This feature provides the system mode selection, “CO” means cooling only mode; “CH” means two pipe for heat / cool mode.

The factory default setting is “CO”.

Inner sensor & remote sensor control mode

Terminals 8 & 9 connected with remote sensor for measuring room temperature. Inner sensor & remote sensor can automatic exchange. When you connected with remote sensor, the inner sensor will lose function.

The remote sensor is measuring area temperature. When the remote sensor is short circuit or broken circuit , the inner sensor will be activated.

That means you can only select one sensor for measuring room temperature.