

SAS919WHB-0 Room thermostat User manual

SAS919WHB-0 is a thermostat of heating that used to control wall-mounted water-heating system, which screen size is middle, appearance with simplicity, easy to operate.

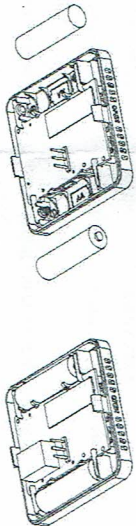
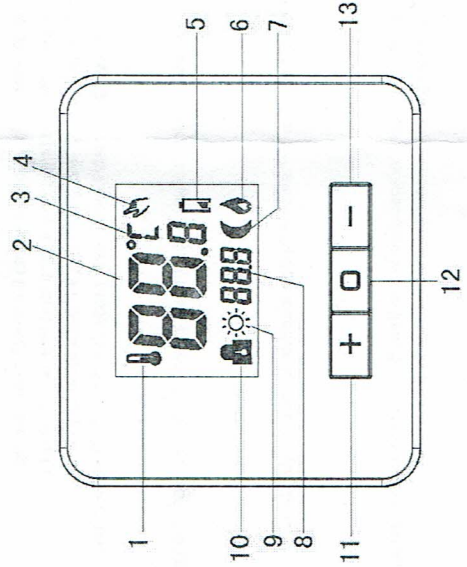
Technical Specification

Supply voltage	2 x AA 1.5V alkaline batteries
Temperature range	5°C~35°C
Ambient temperature-operation	0°C~50°C
Ambient temperature-storage	-10°C~60°C
Display accuracy	0.1°C
Dimensions	85(L)x75(W)x23(H)(mm)
Color	White

Main features:

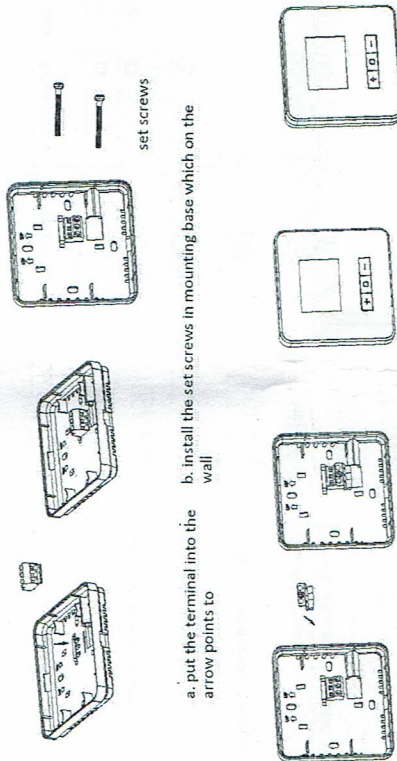
- Smart shape, easily to operate
- Built-in battery, convenient to change
- Anti-blocking function
- Be suitable to multifarious application system: such as boiler, water heating, floor heating, circulating pump, heat pump, etc.

KEYBOARD, DISPLAY AND SWITCH DESCRIPTION



c. take out battery

On the wall



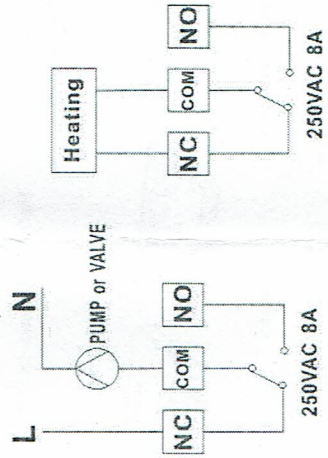
a. put the terminal into the wall

b. install the set screws in mounting base which on the wall

d. install the rear cover, then complete whole process

c. after wiring, put the protective cover on terminal

Wiring diagram



- 1) Sampling temperature display mark
- 2) Sampling temperature display area
- 3) Temperature scale display area
- 4) Manual operate mode mark
- 5) Low battery remind mark
- 6) Heating mode mark
- 7) Economic mode mark
- 8) Setting temperature display area
- 9) Comfort mode mark
- 10) Child lock mark
- 11) Up button
- 12) Switch button
- 13) Down button

OPERATION

Switch button

1. Press the switch button shortly to select the comfort mode, economic mode and manual mode.
 Comfort mode: Thermostat operates as the temperature 21°C (20~25°C adjustable)
 Economic mode: Thermostat operates as the temperature 16°C (10~20°C adjustable)
2. When the thermostat is on, press the "+" or "-" button to adjust the setting temperature, after adjust the setting temperature, it will back to manual mode automatically. Press it for a long time and the thermostat will be off.
 When the thermostat is off, press it shortly and the thermostat will be on.
3. Install menu setting
 When the thermostat is off, press it for a long time into the install menu setting. If you want to exit the install menu setting, press it for a long time and it will exit. Press the "+" and "-" button together, and the setting will back to factory default.
 Press the switch button to select the install menu item, press the "+" or "-" button to set corresponding value.
4. Low battery remind mark: while the low battery remain mark getting flash, you need change the battery.

Child lock

When the thermostat is on, press the "+" and "-" button together to lock the display screen or unlock.

Anti-freeze mode

When the thermostat is off, if the room temperature is low than 5°C, it will open anti-freeze mode, the thermostat will keep heating until the room temperature rise to 8°C.

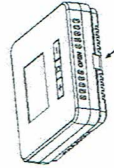
ONFIGURATION

Configuration Menu

- When turned off the thermostat, hold "D" for 5 seconds to enter the configuration menu. Press "D" to toggle the menu items.
- Selecting by using "+" or "-". To exit the menu by pressing "D" for several seconds. If no buttons are pressed in 20 seconds the thermostat will exit the menu automatically.
- Push "+" and "-" simultaneously for about 3 seconds, the screen will shows "dE", and then return to Menu item 1, indicates all the configuration settings have reverted to the factory default settings. Explanation of each option is as followed chart:

Item	Press buttons	Displayed (factory default)	Press +, - to select	Description
1	0	30.0	20.0-35.0	Select maximum setpoint
2	0	05.0	05.0-20.0	Select minimum setpoint
3	0	16.0	10.0-20.0	Select economic setting temperature
4	0	21.0	20.0-25.0	Select comfort setting temperature
5	0	On	On/Off	Backlight display
6	0	00.0	-5.0-05.0	Adjust displayed temperature to suit personal needs
7	0	HP	P/HP	Proportion output and constant temperature output
8	0	0.5	0.1-5.0	Select the control accuracy (it is only valid with the HP control mode)
9	0	Off	On/Off	Valve-protect function

Change the batteries



a. press the arrow points to

b. open it

Install the thermostat

