User Manual

DO-135T3
DO-135T2
DO-135T1
DO-AT86
DO-135M

Please read the manual carefully before

installation and keep

the manual for further reference

Sauna furnace controller specification

Welcome to use DO or AT-86 type sauna generator. The steam generator uses the international advanced technology, which has the reasonable design, stable function and beautiful appearance. It equips with special room body to form the complete set of sauna, which can relax people's muscle, eliminate fatigue, and excrete the toxin in the body. Sauna can make people refreshed and has the function of health care.

1、Installation method of sauna controller.fig 1

●）、Control Panel

The control Panel be mounted directly to a finished wall either inside or outside of the steam room, it is better to install 1.2m above the floor, it need to be drilled a hole 45*85mm in the wall, let the back of controller can be put in the wall.

●、Temperature probe installation

The temperature probe position Temperature probe should be in the sauna furnace from the roof just above 200 mm place

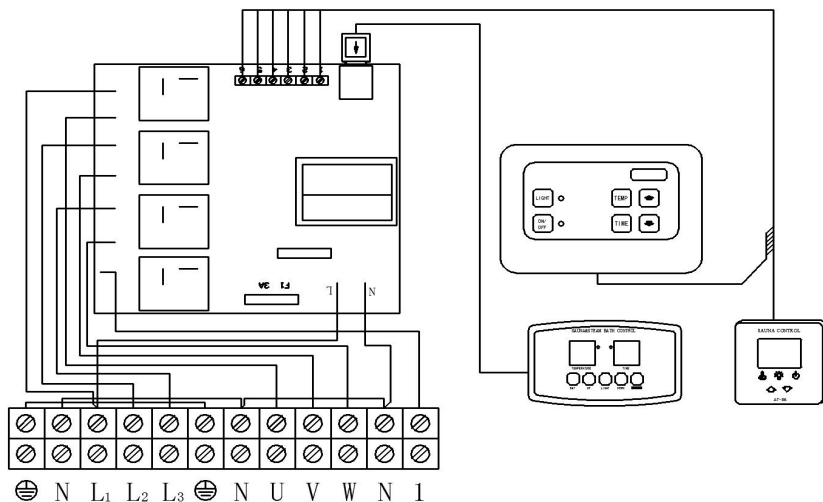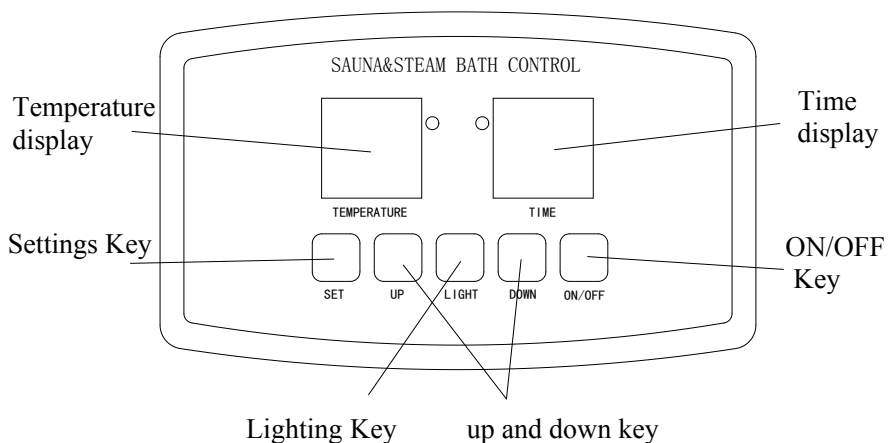## 2、The connection method of the controller.   Fig 2

Fig 2

3、DO—M controller's installation and operation direction

DIOO—M controller's operation direction; Look at figure 2

● **on/off key**：start or stop steam generator. The generator starts when press the key first, and the generator stops when press the key again. Time and temperature is shown when starts the generator. Heat indicator light is on if the temperature in the room is lower than the setting, if not, heat lamp is on.

SAUNA&STEAM BATH CONTROL

Temperature display

Time display

Settings Key

ON/OFF Key

TEMPERATURE　　　TIME

SET　UP　LIGHT　DOWN　ON/OFF

Lighting Key　　　up and down key

·Time display window shows countdown time. The machine stops automatically if it is shown "0"

·Temperature display shows the temperature in the sauna room.

♦ **light key**：the light key in the sauna room. The light is 220V AC.

♦ **setting key**：set the temperature and time. The number in the time display glitter when press the setting key first. The number in temperature display glitter when press the setting key. Retreat the setting state when press it thirdly.

·Press up/down key to modify the temperature or time in the setting state. The number will increase or decrease one if press one time.

● hours

·temperature setting range is 50--95℃. The factory is set for 80 ℃

• Time setting function uses countdown model. The ●up/down key：the operation of these two keys can be done only in setting state, or it will not work. Modify the

●, If the temperature in the room is higher than the setting temperature, heat lamp will be on and heat indicator light is off. The machine stops sauna. If the temperature in the room is lower than 2℃, the machine continue sauna Heat indicator light is on and heat lamp is off at this time.heater

4、DO—T controller's installation and operation direction

t figure 3
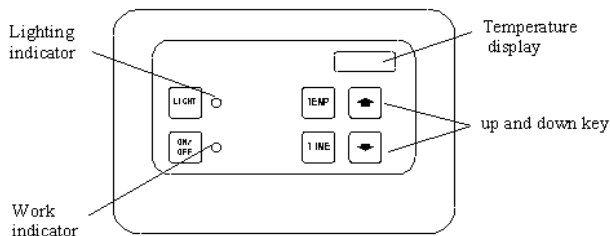
●, on/off key：start or stop sauna generator. Start the generator and work light is on when press first. Time and temperature will be shown when the steam generator starts

●, light： turn on or off the light in the room. Light is on when press the key first, and light is off when press it

●, temperature setting： enter temperature setting mode when press time key. Modify temperature with pressing up/down key.

The number increase or decrease one if press

● **time setting**：enter time setting mode when press time key. Modify temperature with pressing up/down key. The.

●, If the temperature in the room is higher than the setting, heat lamp will be on and heat indicator light is off. The machine stops generating sauna . If the temperature in the room is lower than 2℃, the machine continues to generate sauna. Heat indicator light is on and heat lamp is off at this time.

5、AT-86 controller's installation and operation direction


STEAM CONTROLLER

AT-86

Fig 5

●, ON / OFF : start / turn off the sauna heater , and the screen will show the temperature of the sauna room.

● . Temperature/time setting: Press "SET"to enter the temperature setting state, the temperature number on screen flashes, and the temperature can be set at this time. Press "up'' or "down" to adjust the temperature you need (the range is adjustable from 50 °C to 110 °C).Press "SET" to enter the time setting again, and the time number will flash, press "up'' or "down"to set the working time. The adjustment range is 30 minutes - 12 hours.

● Press the "SET"again to exit the time and temperature setting,or it can also exit automatically without any button operation after 15 seconds.

● . If the room temperature is higher than the setting temperature, the red lamp is ON, and the heater stops heating. Only when the room temperature is lower than the setting temperature by 2 °C, the orange lamp is ON, and the sauna heater starts heating.
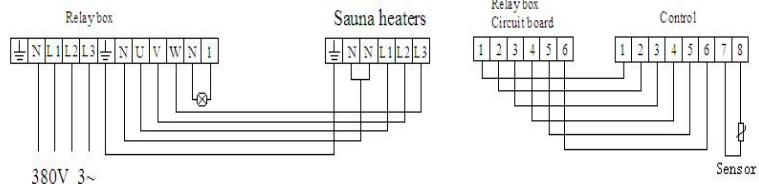
6、DO-135T pictorial wiring diagram
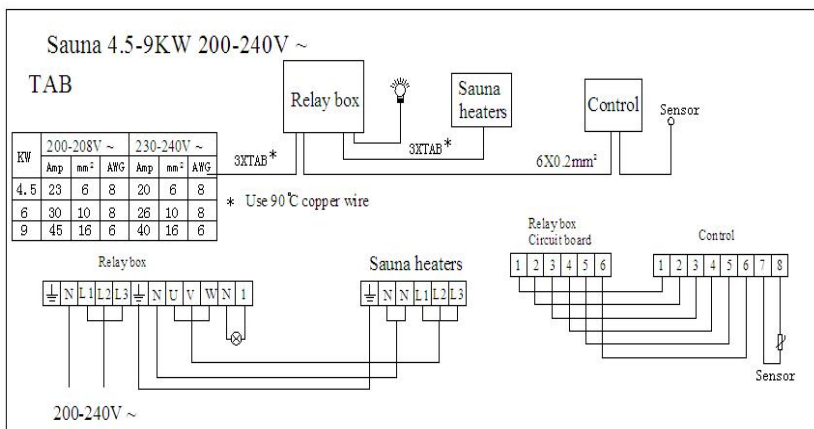
Sauna 3-18KW 400V 3 ~

TAB

KW	400V 3~			KW	400V 3~		
	Amp	mm²	AWG		Amp	mm²	AWG
3	4.5	2.5	13	10.5	16	4	12
4.5	6.8	4	12	12	18	6	11
6	9	4	12	15	23	6	10
9	13.6	6	12	18	27	6	10

∗ Use 90℃ copper wire

7、AT-86LCD controller   pictorial wiring diagram

Sauna 3-18KW 400V 3 ~

TAB

KW	400V 3~			KW	400V 3~		
	Amp	mm²	AWG		Amp	mm²	AWG
3	4.5	2.5	13	10.5	16	4	12
4.5	6.8	4	12	12	18	6	11
6	9	4	12	15	23	6	10
9	13.6	6	12	18	27	6	9

∗ Use 90℃ copper wire

Sauna 4.5-9KW 200-240V ~

TAB

KW	200-208V ~			230-240V ~		
	Amp	mm²	AWG	Amp	mm²	AWG
4.5	23	6	8	20	6	8
6	30	10	8	26	10	8
9	45	16	6	40	16	6

* Use 90℃ copper wire
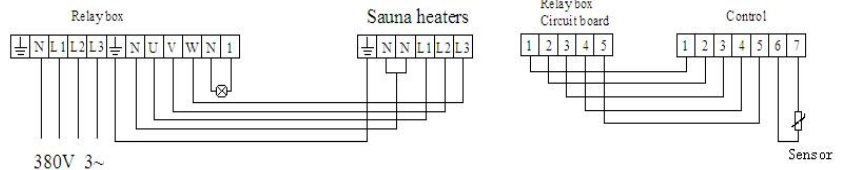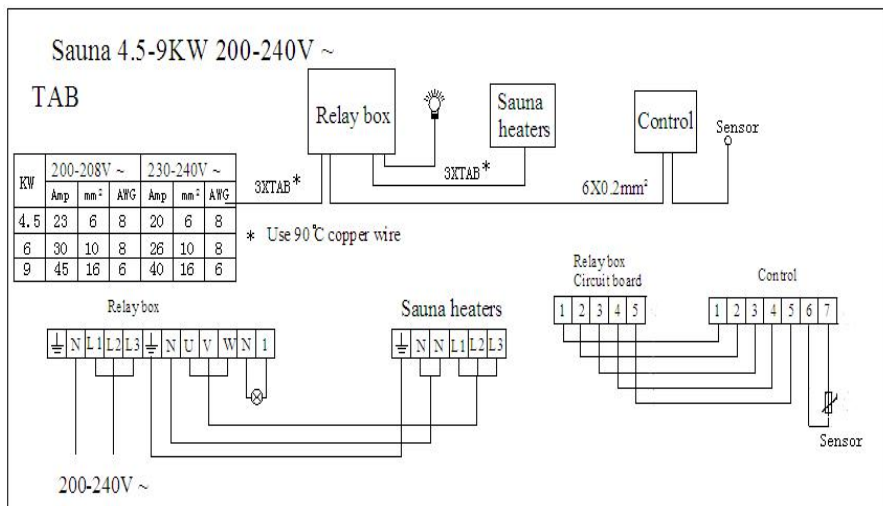
Recorder Bills

sensor	*pcs*	
Interface	*1*	
Controller	*1*	
DSA sensor	*1*	
Output control line	*2*	