

R251W User manual

Remark: T955WH will transmit when power is on ,press lighting button to stop.

Start operation of RX unit:press "Menu"button,display main menu; hold "Technician setup"button for 3 seconds,display FILTER 0000 and OFF.then press "Next Step"button until display "OUTdOOR SENSOR, NO",press "◀" or "▶" to select yes, Done to exit.

When transmit for 2 seconds,R251W, R250W units will return to normal

T955WH

specification

1. 32°F~95°F (0°C~37°C) .

Temperature display range: 32°F~95°F (0°C~37°C)

2. 44°F~90°F (7°C~32°C)

Temperature control range: 44°F~90°F (7°C~32°C)

3. Power source:①24V/AC(18~30V). ②2×AA 1.5V(BATTERY).

4. RF frequency: 916MHz

Time adjustable

1. Press "Menu"then display MAIN MENU icon,enter into set up status

2. Press "set time"then week flash

3. Press "◀" or "▶" to set week

4. Press "Next step",hours flash

5. Press "◀" or "▶" to set hours

6. Press "Next step",minute flash

7. Press "◀" or "▶" to set minute

8. Press "Done"once to confirm,or auto confirm and exit 2 minutes later

9. Press "Previous Step"to return the previous item, "Next step"to enter the next item when operation.

10. Manual control temperature setting

1)Press "▲" or "▼" to control temperature by hand

2)Auto confirm 15 seconds later,when working 4 hours later then return PROG,press "Run Schedule"to exit.

Setting

1. Press and hold "Technician setup"button for 3 seconds then display 0000 and OFF.

2. But "Next Step",display CALIBRATE and 0

3. but "Next Step",display RN、MIN COMP、ON, OFF

4. but "Next Step",display CO、COMP DELAY、OFF, ON

5. but "Next Step",display CO, COOL SWING, 0.8, dF.

6. but "Next Step",display HE, HEAT SWING, 0.4, dF.

7. but "Next Step",display KEY LOCK, PA.

8. but "Next Step",display HE, HEAT LIMIT, 90.

9. but "Next Step",display CO, COOL LIMIT, 44.

10. but "Next Step",display room temperature , F OR C SET, °F

11. but "Next Step",display CLOCK SET、12H.

12. but "Next Step",display MORN RECOV, ON.

13. but "Next Step",display PROGRAM, 5d.

14. but "Next Step",display dL, LIGHT, ON.

15. but "Next Step",display PHONE NUM, OFF.

Remark:only display this item when PHONE NUM is on

16. but "Next Step",display b, bEEP, ON.

17. but "Next Step",display HEAT PUMP, OFF.

18. but "Next Step",can change SYSTEM mode by press "◀" or "▶"

19. but "Next Step",can change fan mode by press "◀" or "▶"

20. but "Next Step",display AG, GAS AUX, OFF, press "◀" or "▶" to select ON or OFF,to confirm press Done button,or auto confirm and exit 2 minutes later

21. but "Next Step",display COOL FAN dELAY, OFF.

22. but "Next Step",display "OUTdOOR SENSOR、NO", press "◀" or "▶" to select YES/NO. when select YES can learn with R250W unit,then display the temperature of R250W;when select NO can't learn with

R250W and won't display the temperature of R250W

23. but "Next Step",display REMOTE SENSOR、NO, press "◀" or "▶" to select YES or NO.when select YES

24. but "Next Step",display FINDING SENSOR,press "◀" or "▶" can select 1, 2, 3, 4, 1 presents NO.1 unit,same as this,then the corresponding slave unit will receive the learn code ,when

25. but "Next Step",display LOCAL TEMP SENSOR, press "◀" or "▶" to select YES or NO, when select YES can display the temperature of this unit,when select NO then can't display.

Remark:when select NO,when can't receive the room temperature then force to open this unit temperature

26. but "Next Step"button,display FREEZE PROTECTION, YES, press "◀" or "▶" to select YES or NO.

If select YES,RX unit won't receive TX singal within 1 hours, and will on 10 minutes,then will on 10 minutes 1 hours later until receive the signal of this unit ,if select NO,will have no function ,In all the process of setting,press Previous step the return the previous setting,press "Next step"to enter into the next item,press Done to confirm and exit ,or 2 secends later to auto exit.

System working mode select

In main interface press "SYSTEM" to choose COOL、OFF、HEAT、AUTO、EM.HEAT

Fan work mode selection

Press "FAN"KEY, can change ON or Auto mode.(Factory default value is AUTO)

1. When choose ON mode : G terminal will on for a long time,indicate "■".

2. When choose AUTO mode:G control depend on the mode of FAN,if the FAN mode of PROG is ON,will indicate ON,G terminal will on for a long time.

Resuem factory default value

Press "LIGHT"key,then press the reset key on the back of PCB,if indicate normal,will resume the factory default value.

B270W

specification

1. Power source:24V/AC(18~30V)

2. Static current: ≤ 10 MA/AC The Max working current: ≤20 MA/AC

3. RF Frequency: 916MHz

T955WH unit communicate with B270W

1. Press and hold B270W unit key for 3 secends,blue LED flash.

2. Press "LEGHT" key of T955W unit for 10 secends.After learn successfully the blue LED of B270W stop to flash.Then T955W unit can control B270W unit.

B270W will light the blue LED after Power on.Every time when receive the signal of TX unit the blue LED will flash 3 times.The responsible indicator will light when Relay is ON.

If B270W unit can't receive the signal of T955W unit 15 minutes later,all relay will OFF(Close all LED indicator).If freeze protection choose ON,Y1 or W1/E will on for 10 minutes,then on 10 minutes every hour until receive the signal of T955W unit.

B270W terminal

RH-----24VAC (system power supply) HEAT=RH TO W/E W2

RC-----COOL=RC TO Y1 Y2 O FAN=RC TO G

C-----COMMON24VAC (SYSTEM POWER SUPPLY)

W1/E-----1 ST HEAT-----Red indicator

W2-----2 CD HEAT -----Red indicator

Y1-----1 ST COOL-----Blue indicator

Y2-----2 CD COOL-----Blue indicator

G-----FAN----- Green indicator

B-----REV VALVE HEAT-----Orange indicator

O-----REV VEALVE COOL-----Orange indicator

R250W

specification

1. Temperature reading range: -4°F ~ 140°F (-20°C ~ 60°C)
2. Power source: 2×AA 1.5V(BATTERY).
3. Static current: ≤0.02MA/DC3V
4. Read temperature current: ≤0.25MA/DC3V
5. Low battery: when battery voltage is lower than 2.7V, will send the low voltage signal to T955W.
6. RF frequency: 916 MHz

T955WH communicat with R250W

1. Found outdoor of T955W will select YES.
2. Press and hold the LEARN key of R250W for 5 seconds, T955WH will indicate YE when receive signal.
3. When R250W is sending the read temperature to T955WH, T955WH will be in the time display zone, the temperature and time of R250W will display by turn. If R250W is the lower voltage, then it will indicate bA and LOW BAT OUTDOOR in the middle of LCD when indicate temperature.
4. If T955W can't receive the signal of R250W within 25 minutes, then will dispose as no R250W temperature.
5. Press the LEARN key of R250W, will read the temperature and send to T955WH.

R251W

specification

1. Read temperature: 32°F ~ 99°F (0°C ~ 40°C).
2. Power source: 2×AA 1.5V(BATTERY)②.
3. Static current: ≤0.06MA/DC3V
4. Read temperature current: ≤0.25MA/DC3V
5. Low battery indicate: when battery voltage is lower than 2.7V will indicate "Battery" icon and send to T955W.
6. RF frequency: 916 MHz

T955WH will communicate with R251 unit

1. T955W should select slave unit when FINDING SENSORS, can select 1, 2, 3, 4 (for example choose 1);
2. Press and hold LIGHT key R251W until for 3 minutes, indicate "ZONE 1", Press "-" key to select ZONE1, ZONE2, ZONE3, ZONE4, select the same indicate number with the slave unit of T955W, press and hold LIGHT key for 3 minutes to send the new code to master unit, when learn successfully T955W will indicate the temperature of REMOTE 1 and R251W.
3. R251W will send signal to T955W every minute. T955W will deal with no signal when receive no signal of R250W within 3 minutes.

TECHSETMENU:

1. Press and hold "LIGHT" key for 3 seconds to enter into the first step of "LIGHT", indicate ZONE 1, (with T955W learn code mode)
2. Press "+" key to enter into the next step, indicate REMOTE 1 (REMOTE name selection), press "-" key to change the name of REMOTE: REMOTE 1, REMOTE 2, REMOTE 3, REMOTE 4, bEdROOM 1, bEdROOM 2, bEdROOM 3, bEdROOM 4, KITCHEN, LIVING RM, HALL, FAMILY RM, DINING RM, OFFICE, STUDY, dEN, LOFT, UPSTAIRS.
3. Press "+" to enter into the next step, indicate "SHOW SET Y", press "-" to select Y or N.

Remark: when select Y, setting temperature, press "+" or "-" to set temperature on the main screen, press LIGHT for confirm and send to T955W, exit 4 hours later or press RUN key to exit. Select N will have no setting temperature, and no screen clean function.

4. Press "+" to enter into the next step, indicate "CALIBRATE 0" (room temperature adjustment), press "-" to select -4~4.
5. Press "+" to enter into the next step, indicate "FAHRENHET F" (/ selection), press "°F °C" to select °F or °C.
6. Press "+" key to enter into the next step, indicate "LOW GIMIT 44", press "-" to select 44~90.
7. Press "+" to enter into the next step, indicate "HIGH LIMT 90", press "-" to select 44~90.
8. Press "+" to return the first step.
9. When no key was pressed, 1 minutes later will exit auto, or press "LIGHT" key to exit auto.

Warning:

This device complies with part 15 of the FCC rules. Operation is subject To the following two conditions: (1) This device may not cause harmful Interference, and (2) This device must accept any interference received Including interference that may cause undesired operation.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.