

PRO¹

Z955W

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Hours of Operation: M-F 9AM - 6PM Eastern

This manual covers:

Z955W Master Zoning Thermostat

This Z955W Master Thermostat communicates with all components of our wireless zoning system.

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Caution:

Equipment damage hazard

Do not operate the cooling system if the outdoor temperature is below 50° F (10° C) to prevent possible compressor damage.

Una versión en español de este manual se puede descargar en la página web de la compañía.

OPERATING MANUAL

THERMOSTAT QUICK REFERENCE

Getting to know your thermostat



- ① LCD (right)
- ② *Glow in the Dark Light Button
- ③ Fan Button
- ④ System Button
- ⑤ Temperature Setpoint Buttons
- ⑥ Menu Button

* NOTE ABOUT THE LIGHT BUTTON:

This button is used to light up the display, but it is also used to set up communication with the base module. **DO NOT** hold the light button down for more than 10 seconds, unless you are performing the initial communication setup steps.

Programmable Time Period Icons:
This thermostat can have programmable time periods per day. Icons are displayed for 4 time periods.

Temperature:
Indicates the current temperature of indicated zone.

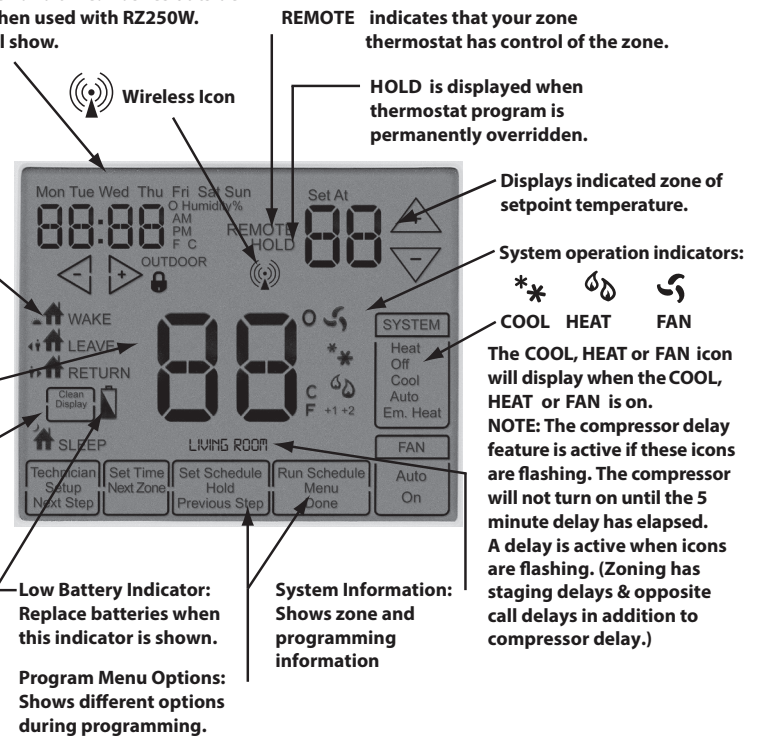
Clean Display:
Pressing CLEAN DISPLAY will allow 30 seconds to clean the display. The keys will be inoperable during this time. **CLEAN** will appear if your contractor has programmed a filter change reminder and it is time to change the filter. After filter has been changed, press and hold CLEAN button to reset reminder.

Days of the week and time. Flashes outside temperature when used with RZ250W. **OUTDOOR** will show.

Important:



The low battery indicator is displayed when the AA battery power is low. If the user fails to replace the battery within 21 days, the thermostat display will only show the low battery indicator as a final warning before the thermostat becomes inoperable. The batteries are located on the back of the thermostat.



Battery information

On the back of the thermostat insert 2 AA Alkaline batteries (included).

Pull the thermostat directly away from the wall to access the batteries. A firm tug will be required to remove the thermostat from the subbase mounted on the wall.



Battery Tip

The Master Thermostat must be hardwired (R and C terminals connected to 24 VAC). Batteries may be used for clockbackup during power-outages, batteries are also recommended to simplify establishing communication process. This allows the installer to take the master thermostat to each zone they are connecting.

Easy to use controls



- 1 LCD Display:**
See page 2 for details about this display readout and icons.
- 2 Glow in the Dark Light Button:**
Press and release the light button to turn on the display light. The glow in the dark light button will self illuminate for several hours after exposure to ambient light. **DO NOT** hold down the light button for more than 10 seconds. This will break the communication link between the Z955W and the base module.

- 3 Fan Key:**
Select **ON** or **AUTO**. The **ON** key will run the fan continuously. The **AUTO** key will cycle the fan on only when the heating or cooling system is on.
A Note About Programmable Fan:
The programmable fan feature will run the fan continuously during any time period it is programmed to be on. This is the best way to keep the air circulated and to eliminate hot and cold spots in your building. Programmable fan is available for Zone 1, the Local (Master) zone.



Caution:

When the battery icon  appears replace your AA batteries immediately. Failure to do so may result in your heating and cooling system becoming inoperable.

A Note About Zone Control:

The Master Thermostat operates as Zone 1 of the Zoning System. Additional zones are controlled by Zone Thermostats. Use the Next Zone key to view the status of additional zones. The Zone Name, Ambient Temperature, System Mode & Setpoint are displayed. Control of additional zones can be given to the zone thermostat or the Z955W Master Thermostat.

- 4 System Key:**
Selects the operation mode of your HVAC system. Selecting **HEAT** turns on the heat mode. Selecting **COOL** turns on the air conditioning mode. Selecting **OFF** turns both heating and cooling off.
- 5 Temperature Setpoint Buttons:**
Press the + or - buttons to select the desired room temperature.
- 6 Menu Keys:**
Use these keys to set up your programming options. Refer to the next page for instructions.
- 7 Next Zone:**
By selecting **NEXT ZONE** you can cycle through each of the zones set up during the initial installation.



Important:

You will see a **TECHNICIAN SETUP** option after the **MENU** key is pressed.

This **TECHNICIAN SETUP** key is for installer configuration and should **NOT** be changed unless you consult your Professional Heating and Air Conditioning Technician.



Keypad Lockout Note:

If  appears in display then the keypad is locked. All or some of the keys will not work. Hold the  and  keys for 3 seconds to remove the lock.

A Note About Programmable Fan:

The programmable fan feature will run the fan continuously during any time period it is programmed to be on. This is the best way to keep the air circulated and to eliminate hot & cold spots in your building. Programmable fan is available for Zone 1, the Local (Master) zone.

Set Time

Follow the steps below to set the current time:

1. Press **MENU**
2. Press **SET TIME**
3. Day of the week will be flashing.
Use the  or  key to select the current day of the week.
4. Press **NEXT STEP**
5. The current hour is flashing.
Use the  or  key to select the current hour.
When using 12-hour time, make sure the correct a.m. or p.m. choice is selected.
6. Press **NEXT STEP**
7. Minutes are now flashing.
Use the  or  key to select current minutes.
8. Press **DONE** when completed

Set 5+1+1 Program Schedule

To customize your 5+1+1 program schedule, follow these steps

Weekday:

1. Select **HEAT** or **COOL** using the **SYSTEM** key.
Note: You have to program heat and cool each separately.
2. Press **MENU**
3. Press **SET SCHED**. Note: Monday-Friday is displayed and the **WAKE** icon is shown. You are now programming the **WAKE** time period for the weekday setting.

Additional Step for Independent Zone Programming



The **NEXT ZONE** key can be pressed to select each zone to be programmed. The system information will display the name of the zone that is being programmed. Each zone can be programmed independently.

4. The first zone to be programmed will be named **LOCAL**. Use the  or  key to make your time selection for the weekday **WAKE** time period. **Note:** If you want the fan to run continuously during this time period, select **ON** with the **FAN** key. This can only be done for your **LOCAL ZONE 1**.
5. Use the  or  key to make your setpoint selection for the weekday **WAKE** period.
6. Press **NEXT ZONE**. Repeat steps 4 and 5 for each remaining zone. Press **NEXT ZONE** to toggle zones. **NOTE:** Zones can have names such as **LIVING ROOM, BEDROOM**, etc.
7. Press **NEXT STEP**
8. Repeat steps 4 through 7 for weekday **LEAVE** time period, for weekday **RETURN** time period, and for weekday **SLEEP** time period.

Saturday:

9. Repeat steps 4 through 7 for Saturday **WAKE** time period, for Saturday **LEAVE** time period, for Saturday **RETURN** time period, and for Saturday **SLEEP** time period.

Sunday:

10. Repeat steps 4 through 7 for Sunday **WAKE** time period, for Sunday **LEAVE** time period, for Sunday **RETURN** time period, and for Sunday **SLEEP** time period.

Set 7 Day Program Schedule

To customize your 7 day program schedule, follow these steps:

Monday

1. Select **HEAT** or **COOL** using the **SYSTEM** key.
Note: You have to program heat and cool each separately.
2. Press **MENU**
3. Press **SET SCHED**. Note: Monday-Friday is displayed and the **WAKE** icon is shown. You are now programming the **WAKE** time period for the weekday setting.

Additional Step for Independent Zone Programming



The **NEXT ZONE** key can be pressed to select each zone to be programmed. The system information will display the name of the zone that is being programmed. Each zone can be programmed independently.

4. The first zone to be programmed will be named **LOCAL**. Use the  or  key to make your time selection for the weekday **WAKE** time period. **Note:** If you want the fan to run continuously during this time period, select **ON** with the **FAN** key. This can only be done for your **LOCAL ZONE 1**.
5. Use the  or  key to make your setpoint selection for the weekday **WAKE** period.
6. Press **NEXT ZONE**. Repeat steps 4 and 5 for each remaining zone. Press **NEXT ZONE** to toggle zones.
NOTE: Zones can have names such as **LIVING ROOM**, **BEDROOM**, etc.
7. Press **NEXT STEP**
8. Repeat steps 4 through 7 for weekday **LEAVE** time period, for weekday **RETURN** time period, and for weekday **SLEEP** time period.

Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday

Repeat steps 4 thru 7 for the remaining days of the week.

A Note About Zone Control:

The Master Thermostat operates as Zone 1 of the Zoning System. Additional zones are controlled by the zone thermostats. Use the Next Zone key to view the status of additional zones. The Zone Name, Ambient Temperature System Mode & Setpoint are displayed. Control of additional zones can be given to the zone thermostat or the Z955W Master Thermostat.

A Note About Programmable Fan:

The programmable fan feature will run the fan continuously during any time period it is programmed to be on. This is the best way to keep the air circulated and to eliminate hot and cold spots in your building. Programmable fan is available for Zone 1, the Local (Master) Zone.

Next Zone

The **NEXT ZONE** key cycles through all zone thermostats connected to your wireless zoning system.

LOCAL shows the ambient temperature of the **Master Thermostat** only.

The name of each zone thermostats will show and the ambient temperature for that zone only will be displayed.

For more information, see the Zone Thermostat User Guide.

Filter Change Reminder

If your installing contractor has configured the thermostat to remind you when the air filter needs changed, you will see **FILT** in the display when your air filter needs changed. **FILT** will be shown in the display after your system has run long enough to require an air filter change.

Resetting the filter change reminder: When **FILT** reminder is displayed, you should change your air filter and reset the reminder by pressing the **CLEAN** key for 3 seconds. **FILT** will leave the display when reset.

Temporary and Permanent Hold Feature

Temporary hold: The thermostat will display **HOLD** and **RUN SCHEDULE** on the bottom of your screen when you press the Δ or ∇ key. If you do nothing, the temperature will remain at this setpoint for four hours. Your program setpoint will then replace your temporary setpoint.

Permanent hold: If you press **HOLD** key at the bottom of your screen, you will see **HOLD** appear next to the setpoint temperature in the display. The thermostat will now permanently stay at this setpoint and can be adjusted using the Δ or ∇ keys.

To return to program: Press the **RUN SCHEDULE** key at the bottom of your screen to exit either temporary or permanent hold.



Hold down **CLEAN** for 3 seconds, to reset filter reminder.

Warranty Registration:

Your new thermostat has a 5 year limited warranty. You must register your warranty within 60 days of installation. You can register your new thermostat in 2 ways.

- ① Go to our company website, select warranty registration and fill out a short registration form.
- or -
- ② Complete the form below and mail it to the address shown.



Warranty Registration:

Name:

Address:

City:

State:

Zip:

Thermostat Model:

Date Installed:

Complete form and mail to:

Thermostat Warranty Registration

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