INSTALLATION AND MAINTENANCE



WARNING

READ CAREFULLY - These instructions will help prevent difficulties that might arise during thermostat installation. Studying the instructions first may save considerable time and money later.



Product Overview

The ATMOZ series thermostats are designed to provide the highest level of accurate temperature control for residential line voltage electric heating in 208/240 VAC. Almost all electric heaters installed as original equipment in a residential application will be 208 or 240 Volt. It is very rare that a home, apartment or condominium would be wired with all 120 Volt heaters. Check your voltage to make sure you have the right thermostat for your heater voltage. A 2-pole or double wide circuit breaker, at the panel would indicate you should use the 240 Volt model. A 1-pole or single wide breaker, would indicate a 120 Volt circuit. There are some exceptions to this rule, so checking with a voltmeter is the only way to know for sure.

Be safe and smart, electricity can cause severe injury or death. If you are uncomfortable hire an electrician for the project.

The ATMOZ thermostat will provide years of comfort control for your family for small fan driven electric heaters, baseboards, radiant ceiling, wall panel heaters, cove heaters, or any line voltage resistance heating systems that do not have an electric motor over 1/3 hp. The thermostat will be warm to the touch on top. This is normal operation and also provides air currents across the face of the thermostat that better help it sense room temperature.

SAVE THESE INSTRUCTIONS

WIRING INSTRUCTIONS



The installation of the thermostat must comply with the applicable local and/or national electrical code and utility requirements. This installation should be performed by a qualified electrician where required by law. Ensure that all wiring connections to the thermostat are correct and tight to prevent electrical shorts. Use the appropriate wire to meet local and national electrical codes for rated power consumption.

INSTALLATION AND WIRING INSTRUCTIONS

Warning: Turn OFF the power at the circuit breaker before Installing. Installation should be performed by a qualified electrician.

Refer to thermostat and heater load specifications before installation of the thermostat to see if it can handle the amp load. The maximum this thermostat can run is 3840 Watts at 240 Volts, 3328 Watts at 208 Volts.

WIRING INSTRUCTIONS

Caution: Turn off power at the circuit breaker before performing any work on the electrical connections. None of the electrical connections must be live until the installation has been completed and the housing is closed. Only a gualified electrician or authorized technician are permitted to open the terminal box.

Wiring requires a Phillips screwdriver

- 1. Disconnect power supply to prevent electrical shock or damage to the product.
- 2. Run line voltage wiring to the location of thermostat.
- 3. Connect output terminals to heating system in accordance with instructions from the heating system.
- 4. Make sure your ATMOZ thermostat is COMPLETELY RECEDED into the metal junction box in the wall and NO WIRES SHOULD BE EXPOSED outside the metal or plastic junction box.



ATM0Z2-240-WIFI wiring diagram:

ATMOZ1-240-WIFI wiring diagram:





DOWNLOAD APP



Model Numbers: ATMOZ1-240-WIFI ATMOZ2-240-WIFI



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Smartphone App Installation

Downloading ATMOZ Smartphone App for IPhone and IPad

In order for the ATMOZ Thermostat to work with your iOS device, download and install the APP from the AppStore:

Visit: https://itunes.apple.com and search for ATMOZ THERMOSTAT by King.

Downloading ATMOZ Smartphone App for Android Devices

In order for the ATMOZ Thermostat to work with an Android device, download and install the APP from the Google Play Store:

Visit: https://play.google.com and search for ATMOZ THERMOSTAT by King.





REGISTRATION & INITIAL SETUP

Launch WiFi Application

- 1. Find the ATMOZ App on your iOS/Android device
- 2. Launch ATMOZ App



Registration Process

A. If you have already registered, enter the user name and password. Or you can use your Facebook or Google account to login.

| USER NAME (EMAIL): | |
|--------------------|-----------------|
| | |
| PASSWORD: | |
| | |
| Login with: | |
| 💽 🚰 | LOGIN |
| | |
| | COROOT RACOWORD |

B. If accessing the first time, click "**Create New Account**" to start the process.



Enter your email address as your Account No./ User Name and enter your preferred password. Press "**Create**" icon to finish the account setup.

You will see a message that states an email was sent to verify the account.

C. IMPORTANT: EXIT OUT OF THE ATMOZ APP.

D. IMPORTANT: Open the email from the same device App is installed on. Then click the link that says "Open Your Mobile App Here"

| | Smart Heating Solutions |
|--|---|
| Welcome [[user_n | ame]]! |
| Thank you for signing | g up with usl |
| Please exit / | ATMOZ APP first. |
| Then, you can confin mobile device: | m your account by tapping on the link below on your |
| [[user_confirmation_toke | n]] |
| Open your mobile as | op here |

E. The App will automatically reopen and the login screen appears. Sign in with your new account.

| USER NAME (EMAIL): | |
|--------------------|-------|
| PASSWORD: | |
| Login with: | LOGIN |

CREATE NEW ACCOUNT FORGOT PASSWORD

F. Click the [house with + icon] icon to add a thermostat.
 The App will search for available thermostats

| | \$ 70% =) (|
|-----------------|---------------------|
| COMPORT CONTROL | |
| | |
| ⊕ | |
| | m |

G. The "Found Devices" screen will appear



H. Click the [house with ? icon] to select the thermostat you would like to program.





If "**No Device Found**" message appears. Click "**OK**". You will need to minimize the App (Do Not Hard Exit the App), then open the Wireless Network List under your phone's Settings menu and Select your thermostat ID from the WIFI network list before proceeding:

REFER TO NEXT PAGE FOR COMPLETE INSTRUCTIONS

REGISTRATION & INITIAL SETUP



If "**No Device Found**" message appears, Click "**OK**". You will need to minimize the App (Do Not Hard Exit the App), then open the Wireless Network List under your phone's Settings menu and Select your thermostat ID from the WIFI network list before proceeding:



Enter Phone Settings > WIFI Settings > Select Thermostat ID



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 Redirecting to
 Wi-Fi setup in app

 Please wait...

REPEAT Step E and F to add your thermostat.

A. The system will then show a list of available WIFI Networks



B. Select your desired network and enter password as shown below and press $\ensuremath{\text{OK}}$



C. Once registration is complete you will see **Registration Success**. Press **OK**



D. The Comfort Control home screen appears which shows available thermostats with temperature display.

Click on the **[house with temp icon]** to program your stat.



ATTENTION: FILL OUT THE HEAT SCHEDULE CHART BEFORE PROCEEDING

It is recommended to plan out your heating schedule in advance and fill out the below chart prior to programming. This is will assist circle one of the 3 preset temperature that you prefer for each time period. You can also customize with a custom set temperature. you during the programming and make the process as quick as possible. In the chart, write the desired time for each period and

| TIME PERIOD | | MON | TUE | WED | THU | FRI | SAT | SUN |
|-------------|------|--------------------|----------------------------|----------------------------|--------------------|-------------------------------|----------------------------|----------------------------|
| PERIOD 1 | TIME | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired |
| (P1) | TEMP | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset |
| PERIOD 2 | TIME | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired |
| (P2) | TEMP | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset |
| PERIOD 3 | TIME | Write Time Desired | Write Time Desired AM / PM | Write Time Desired AM / PM | Write Time Desired | Write Time Desired AM / PM | Write Time Desired AM / PM | Write Time Desired |
| (P3) | TEMP | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset |
| PERIOD 4 | TIME | Write Time Desired | Write Time Desired AM / PM | Write Time Desired AM / PM | Write Time Desired | Write Time Desired AM / PM | Write Time Desired AM / PM | Write Time Desired AM / PM |
| (P4) | ТЕМР | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset |

DESIGNING YOUR CUSTOM HEATING SCHEDULE

Rev. 8.10.19

APP PROGRAMMING HEATING SCHEDULE

Launch Application

1. Open the ATMOZ Mobile app on your iOS or Android device.



2. Select the thermostat you would like to program.



Programming the Thermostat

Select the Program icon to begin the program configuration



You can choose to program either 4 or 6 periods per day. Select whichever option works better with your daily schedule.



4 Periods Per Day (Default)



6 Periods Per Day



Copying Program Feature

COPY is a small function that is built-in to the ATMOZ Mobile to allow users to easily transfer settings between the weekdays. You can locate the Copy command in the lower left-hand corner.

Select the period to configure

Step 1: Press the COPY icon

Step 2: Select the day of the week that you wish to copy the setting from:



Step 3: Select the days of the week you wish to copy the settings to:



APP PROGRAMMING HEATING SCHEDULE

Programming your weekly schedule

Option 1

4 Periods Per Day Configuration

- Wake
- Return • Sleep
- Leave

Select the period to configure



Step 1: Select the day of the week



Step 2: Select the time of the period by moving the slider



- Press CONFIRM to save the changes to the thermostat, or press cancel to revert back to original settings
- Press = to exit

Option 2

6 Periods Pear Day Configuration

- Wake
 Afternoon Tea
- Leave
 Return
- Lunch
 Sleep

Select the period to configure



Step 1: Select the day of the week

| MON. TUES. WED. THUR. FRI. SAT. | SUN. |
|---------------------------------|------|
|---------------------------------|------|

Step 2: Select the time of the period by moving the slider



- Press **CONFIRM** to save the changes to the thermostat, or press cancel to revert back to original settings
- Press / to exit

Vacation Mode

This thermostat offers a vacation setting where you can schedule in advance, days you are out of the house. Thermostat can be set to turn off or run in Freeze protection mode during that time.

Step 1: Select the Vacation Mode icon





Note:

• Freeze Protection mode is offers 41° F freeze protection. This means the system is still on and when the room temperature drops below 41°F, heating will come on to provide minimum heating.

• Power Off mode 🕐 offers complete system shutdown.

Step 3: Select the calendar icon to set vacation starting time and date.



Step 4: Select the calendar icon to set vacation ending time and date.





Step 5: Select **CONFIRM** to save changes to thermostat or press **CANCEL** to exit.



Step 6: Pressing the top right hand Vacation icon will cancel the Vacation function and return to programmed schedules.

Settings Mode



Settings Mode allows you to change the following:

- Change the name of the thermostat Adjusting Temperature Compensation
 - Temperature scale change
 Share Device



Name Your Thermostat

1. Select (Edit Name) icon



- 2. Rename the thermostat with the name you prefer
- 3. Press the text box



4. Change the name



5. Select **CONFIRM** to save changes to thermostat or press **CANCEL** to exit.

Temperature Compensation of the Thermostat

1. Select (Temp. Adjust) icon below



2. Select how many degrees you wish to compensate against by sliding the white tab in the following screen



3. Select **CONFIRM** to save changes to thermostat or press **CANCEL** to exit.

Temperature Scale (°F /°C) of the Thermostat

1. Select icon below



2. Tap °F to change to Fahrenheit or tap °C to change to Celsius and you will see the temperature changes to:



Share Thermostat

1. Select the Share Device icon below to grant access to others.



2. Click the [+ icon] to add other account



3. To create share thermostat, enter user's email address you would like to share with.



4. To delete user, press and hold for 2 seconds and the below message appears. Press **OK** to delete.



Boost Mode

Boost mode allows user to maintain the current setting and bypass the scheduled program. The thermostat will return to its regular schedule programming after the boost time is finished.

1. Select the Password icon below



2. Select how many hours you wish to boost



- 3. Select **CONFIRM** to save changes to thermostat or press to exit. **CANCEL**
- 4. Verify Boost Mode is now active with the following



Temporary Override

Override mode allows you to temporarily set the set point to a desired temperature, until the next scheduled time period.

1. Select Override Mode icon



2. Press 📑 or 🧧 key to set the desired temperature



- 3. Select **CONFIRM** to save changes to thermostat or press **CANCEL** to exit.
- 4. Verify Override Mode is now active with the following



5. Press on the top right hand Override icon, this will cancel the Override function and return to programmed schedules.

Permanent Hold Mode

Holds thermostat a desired set point permanently until canceled.



Selecting the Hold icon will show the following screen.
 Tapping the

 a button adjusts temperature set point.

| HOLD HOLD | |
|-----------|---|
| 62 | + |
| CANCEL | |

- 3. Select **CONFIRM** to save changes to thermostat or **CANCEL** press to exit.
- 4. Verify Hold Mode is now active with the following screen. Press on the top right hand Hold icon, this will cancel the Hold function and return to programmed schedules.



Resetting your ATMOZ Thermostat

- 1. In case your ATMOZ Thermostat is not functioning correctly, you can reset the unit back to factory default settings.
- 2. Locate the Reset button on the right side of the unit
- 3. Lightly press button with a paper clip or similar and unit resets.

INITIAL SETUP USING THERMOSTAT BUTTONS



Manual Setup: When setting up the Atmoz thermostat without using the smartphone App, follow the below steps to set default preferences prior to



Press OK to save setting and move to next step.

When set to °**F**: Select either $1^{\circ}F / 2^{\circ}F / 3^{\circ}F$ or $4^{\circ}F$ (Default = $1^{\circ}F$)When set to °**C**:Select either $0.2^{\circ}C / 0.4^{\circ}C / 0.6^{\circ}C / 0.8^{\circ}C$ or $1.0^{\circ}C$ (Default: $0.4^{\circ}C$)

INITIAL SETUP USING THERMOSTAT BUTTONS



Atmoz offers 3 customizable Preset Temperatures for simply operation. Home / AWAY/ SLEEP. Heating schedules are based on these presets. These presets are also used as manual overrides for quick temperature setting changes using the quick selector button on the front of the thermostat.

Setting #4: Programming HOME Preset Temperature



buttons to adjust the HOME preset temperature

Press **OK** to save setting and move to next step.

Setting #5: Programming AWAY Preset Temperature



r buttons to adjust the AWAY preset temperature

Press **OK** to save setting and move to next step.

Setting #6: Programming SLEEP Preset Temperature 🏫



buttons to adjust the SLEEP preset temperature

Press **OK** to save setting and move to EXIT Setting Mode.

NOTE: If you prefer to customize the default temperatures of the Presets write your User Defined Temperatures in the below chart for future reference.

| PRESET | DEFAULT PRESETS | USER SET PRESET |
|------------|--------------------|--------------------|
| ° | 70°F | |
| ^ . | 55°F | |
| 1 | 60°F | |

MANUALLY PROGRAMMING THE HEATING SCHEDULE

When programming the heating schedule through the buttons on the thermostat, you will have 4 time periods per day that need to be scheduled. The below chart shows the default times and temperatures for each of the 4 daily time periods, These can be customized as desired.

DEFAULT SCHEDULE

| TIME PERIOD | MON | TUE | WED | THU | FRI | SAT | SUN |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Period 1 (P1) | 6:00 AM 🏠 |
| Period 2 (P2) | 8:00 AM 🐴 | 8:00 AM | 8:00 AM 🗥 |
| Period 3 (P3) | 6:00 PM 🏠 | 6:00 PM 🏠 | 6:00 PM 🏠 | 6:00 PM 🏠 | 6:00 PM 🏠 | 6:00 PM 🏠 | 6:00 PM 🕋 |
| Period 4 (P4) | 10:00 PM 🕋 | 10:00 PM 🕋 | 10:00 PM 🛣 | 10:00 PM 🕋 | 10:00 PM 🕋 | 10:00 PM 🛣 | 10:00 PM 🕋 |

ATTENTION: FILL OUT THE HEAT SCHEDULE CHART BEFORE PROCEEDING

It is recommended to plan out your heating schedule in advance and fill out the below chart prior to programming. This is will assist circle one of the 3 preset temperature that you prefer for each time period. You can also customize with a custom set temperature. you during the programming and make the process as quick as possible. In the chart, write the desired time for each period and

| TIME PERIOD | | MON | TUE | WED | THU | FRI | SAT | SUN |
|-------------|------|----------------------------|--------------------|----------------------------|----------------------------|-------------------------------|-------------------------------|----------------------------|
| PERIOD 1 | TIME | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired AM / PM | Write Time Desired AM / PM | Write Time Desired |
| (P1) | TEMP | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset |
| PERIOD 2 | TIME | Write Time Desired AM / PM | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired | Write Time Desired AM / PM |
| (P2) | ТЕМР | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset |
| PERIOD 3 | TIME | Write Time Desired | Write Time Desired | Write Time Desired AM / PM | Write Time Desired AM / PM | Write Time Desired | Write Time Desired | Write Time Desired |
| (P3) | ТЕМР | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset |
| PERIOD 4 | TIME | Write Time Desired | Write Time Desired | Write Time Desired AM / PM | Write Time Desired AM / PM | Write Time Desired AM / PM | Write Time Desired AM / PM | Write Time Desired AM / PM |
| (P4) | TEMP | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset | Circle One Preset |

DESIGNING YOUR CUSTOM HEATING SCHEDULE

MANUALLY PROGRAMMING THE HEATING SCHEDULE

Program Heating Schedule—4 Periods Per Day

When programming the heat schedule through the buttons on the thermostat, you have 4 time periods per day that need to be programmed.

- Wake
- Return
- Leave
- Sleep



Step1: Select Day of the Week to be Programmed.

buttons to select day to be programmed (Mon to Sun) Press

The programming starts by default with programing of Period 1 (P1)

(A) button to scroll through the available Periods (P1, P2, P3, P4) To schedule a different Time Period Press Press **OK** to save the setting and move to next step.



Step2: Select the START time for the Time Period

Press

buttons to change the Period Start Time

Press **OK** to save the setting and move to next step.





MANUALLY PROGRAMMING THE HEATING SCHEDULE

Step3: Select the desired Temperature Setting for the Time Period.

Press or buttons to scroll through the 3 Preset Temperature options (Home, Away or Sleep) and select the desired Preset temperature setting for the Period.

Users can select HOME, AWAY or SLEEP Preset temperatures for any given time period.

Press OK to continue to next step

or

Press **P** to EXIT Programming Mode.

| PRESET | DEFAULT PRESETS | USER SET PRESET |
|----------|--------------------|--------------------|
| B | 70°F | |
| ≪, | 55°F | |
| | 60°F | |



Sequence of Programming setting for P1, P2, P3 and P4



**if start from P1, then the sequence is P2, P3, P4 a cycle, the same logic start from P3, P4, P1, P2 a cycle or from P4,P1,P2,P3 a cycle

MANUAL OPERATION & SETTINGS USING BUTTONS



ECO HOLD = PERMANENT HOLD

The Eco Hold button acts as a permanent hold. Once set to the desired temperature, it will maintain that temperature until the feature is turned off. HOLD temperatures can be set either by Preset Temperatures or with a custom temperature setting.

Press

Button to enter ECO HOLD mode

Option #1: Preset Temperature Hold



ss to scroll through the available Preset Temperatures (HOME, AWAY, SLEEP)

to select the desired HOLD temperature

Option #2 Custom Temperature Hold

Press

to select ANY temperature as the desired HOLD temperature

TIMED TEMPERATURE BOOST

Atmoz offers a timed boost feature that forces the thermostat to run for a desired amount of time.

Then returns to the current programmed schedule.



Press

button to start a Timed Temperature Boost Period.

buttons to select a 1, 2, or 3 Hour Temperature Boost.





MANUAL OPERATION & SETTINGS USING BUTTONS

TEMPORARY OVERRIDE : QUICK SELECTION OF PRESETS

Atmoz offers quick selection of your preset temperatures (HOME, AWAY and SLEEP as a temporary override. The thermostat will revert back to your schedule at the next scheduled time period,.



repeatedly to scroll through and select one of your

temperature Presets as a temporary temperature override.



| PRESET | DEFAULT PRESETS | USER SET PRESET |
|-------------|--------------------|--------------------|
| ° | 70°F | |
| ∩. ́ | 55°F | |
| | 60°F | |

MANUAL TEMPORARY OVERRIDE

Press

to select ANY temperature as the desired temporary override temperature.

KEY LOCK MODE

Press

+ 🖲 bu

buttons simultaneously to Enter or Exit Key Lock Mode

STANDBY FUNCTION

Press button to Enter or Exit Standby Mode.

Pressing the Standby button the ATMOZ thermostat disables the relay output permanently.

Standby indicator shows up on the screen.