MERI™
USER GUIDE
MAIN SCREEN

**WiFi**
Show WiFi Connection status

**Set Temp**
Shows the current set temperature

**Room Temp**
Show current room temperature

**Eco Mode**
Toggle the Eco Mode temperature range

**Schedule Mode**
Toggle the scheduled temperature ranges

**Humidity**
Shows the current room humidity

**System Mode**
Toggle the system mode

**Fan Control**
Toggle the Fan operation

**Settings**
Show the settings option
## SPECIFICATIONS

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<td>±1°C</td>
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<td>Temperature Range</td>
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<td>Operating Temp/ Humidity Range</td>
<td>0<del>45ºC, 5</del>95% RH (non-condensing)</td>
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<td>IP Rank</td>
<td>IP20</td>
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# THERMOSTAT FUNCTIONS

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<td><strong>Filter Reminder</strong></td>
<td>Reminds you when it’s time to change the filter according to your preset timer</td>
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<td>Lock the controls to prevent others from operating the thermostat</td>
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<td>Calculates the best time period to execute your system prior to your scheduled commands</td>
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</table>
APP PAIRING

1. From the main screen, tap on the settings icon.

2. Then select the APP PAIRING option.

3. Download the “Momentum Smart Thermostat” App.
APP PAIRING

4 Ready the app to scan the QR code on the next screen

5 Scan the QR code on the screen

6 Complete!
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<tr>
<th>Symbol</th>
<th>Name</th>
<th>Description</th>
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<td>Selection of heat/ cool/ auto/ emer/ off options</td>
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<td>Filter</td>
<td>Replace filter alert</td>
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**OPERATIONS**

1) **System mode selection**
   In the main interface press 📀 to toggle the system mode selection. You can switch between OFF, COOL, HEAT, EMER, AUTO modes.
   Press 🌬 to toggle the Fan AUTO, ON.
   Note that not all mode options will be available as it will depend on your system type. The thermostat will determine which modes are available according to your selected system type.

2) **View or modify the set temperature**
   In the main screen, when a mode is selected the currently set temperature is displayed directly above the room temperature indicator. Tap on – or + to adjust the set temperature value.
   You may also toggle the Schedule or Eco modes by tapping on the icons right below the room temperature value.
   In Auto Mode, you’ll see two values for the set temperature which accounts for a range where the thermostat will try to maintain. Tap on one of the values and adjust it by tapping the – or + buttons.

   *Note that if the Schedule or Eco modes are toggled on, the set temperature value(s) on the home screen will then adjust according to those mode values.*
3) Standby Screen
When the thermostat is idled it will go to a standby screen that has additional options. You can adjust the idle period from the thermostat’s display settings.

Here you can toggle the Schedules and ECO modes by tapping the icons at the bottom. Press the middle Home button to go to the main screen.

4) System settings
Press the settings icon in the main interface to enter the Settings list. Here you’ll find several ways to customize your thermostat settings and controls.

5) Schedules
Set schedules throughout the week for the thermostat to automatically keep your home at the desired temperature range.
6) Eco
This is an energy saving mode to use when away from home. This mode will maintain the room temperature to stay within the preset cooling or heating temperature range. The temperature range should be relatively wide to save more energy.

7) Display
- Location – Enter your zip code to automatically program the clock and weather.
- Standby timer – When the device has been idle for a set time period it will go to the standby screen.
- Screen brightness – Change the screen’s brightness between Low, Medium, High.
- Temperature unit – Change the temperature unit between °F/°C.
- Lock – Lock the screen with a 4-digit numeric password to prevent unauthorized use. Note: If you forget your password, enter “9999” to reset it.
8) Reminders
Set a time frame to remind you to change your air filter. The reminder can be set from 0-12 months.

9) System Type
Select the appropriate system type option according to your HVAC system. Be sure to choose the correct one or your system may not run properly. If you’re unsure of what system type you have, check the installation guide for the wiring diagrams for reference or contact a licensed HVAC technician.

10) WiFi – Setting WiFi
Select your WiFi network name, enter your password, and connect to the WiFi network. Also note that the WiFi icon in the main interface screen will appear when WiFi is connected.
11) Status
Displays which terminals are currently on when a system mode is activated.

12) Advanced
• Fan Controls – You can enable the Fan to run with the heater and extend the fan run time after the AC or heater is turned off.
• O/B terminal – (Heat pump systems only) You can reverse the energized O/B valve for heating and cooling according to your heat pump system. If you notice that hot air is blowing while the system is in Cool mode or cold air in Heat mode, you may want to reverse the energized O/B terminal from this setting.
• Early on – Have the thermostat turn on early so the desired temperature will be achieved by the time of the set schedules.
OPERATIONS

• Temperature calibration – Adjust the thermostat’s room temperature reading.
• Temperature delay – Increase the temperature range it would require for the thermostat to activate relative to the set temperature.
• Delay protect – This will delay the compressor from activating frequently to protect it from wear and tear.

13) App Pairing
Follow the instructions given on the screen to pair the thermostat to the Momentum Smart Thermostat app.

14) Reset
This will reset the device to the original factory settings and wipe all the customized data and settings.
FCC Compliance
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.
Attention that changes or modification not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Note: This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help
This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.