Wiser Air User Interface Guide

WiserAir Thermostat

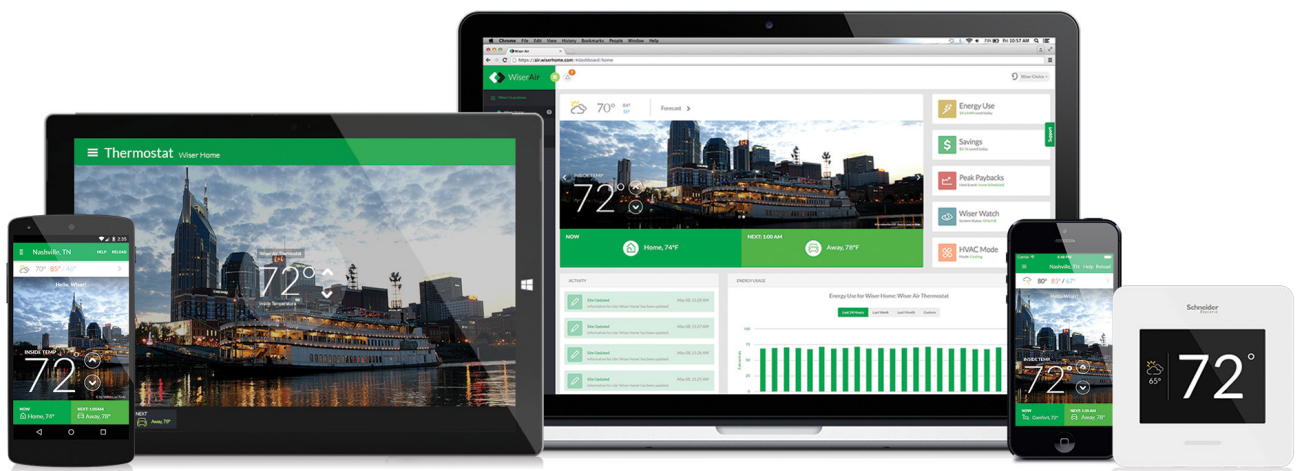Schneider Electric

Scope

This document outlines the user interface features of the Wiser Air smart thermostat. It is intended to support individual users and technical specialists alike.

HMI Display

Upon creation of your Wiser Air account, in the app or on the website, you will be prompted to use Eco IQ. If you don't want to use the Eco IQ option, Wiser Air will revert to the standard mode interface.

The following image reflects the functions available to the user on the main screen (in standard mode).
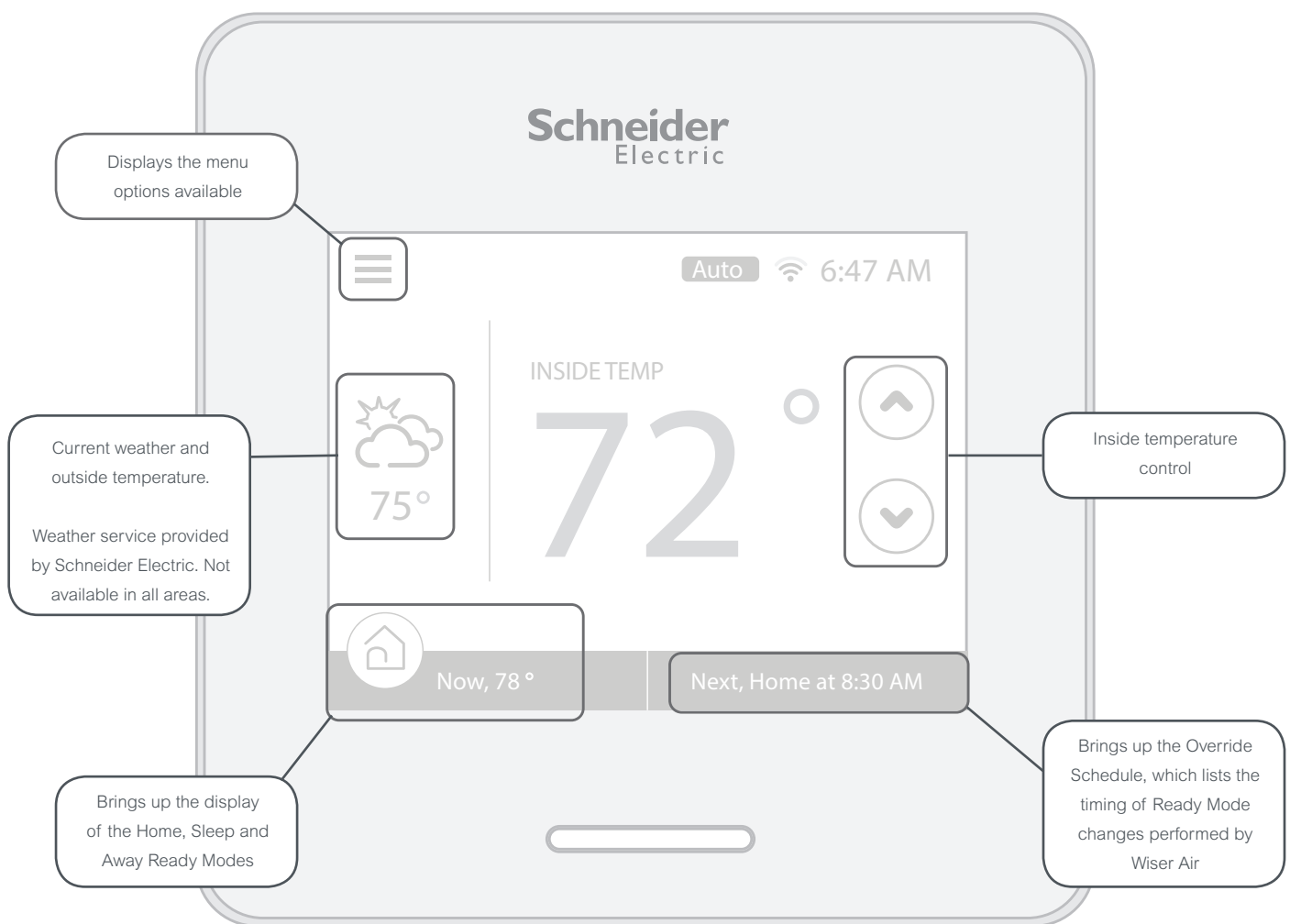

Principal function of this screen:

1. Tap the round icon button on the left to select one of the three Ready Modes (Home, Away or Sleep) used for the temperature control.
2. The Next button on the right allows you to set and disable the automated schedule. The automated schedule can be configured from the mobile app or by signing on to the Wiser Air web page (https://home.wiserair.com).

    Here you may set the ready modes Home, Away, Sleep for each day of the week, the weekdays or the weekend.

3. When Eco IQ is activated, the thermostat features on the bottom part of the screen are replaced by the Eco IQ status line.
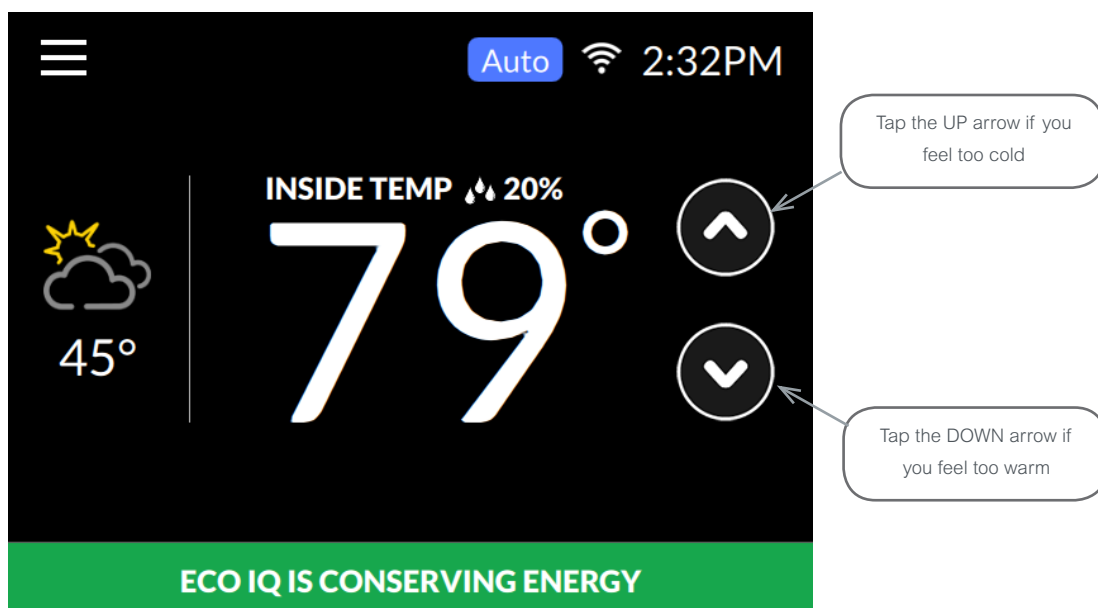
Using standard mode

The left round icon button will give you quick access to settings for comfort or economy modes.

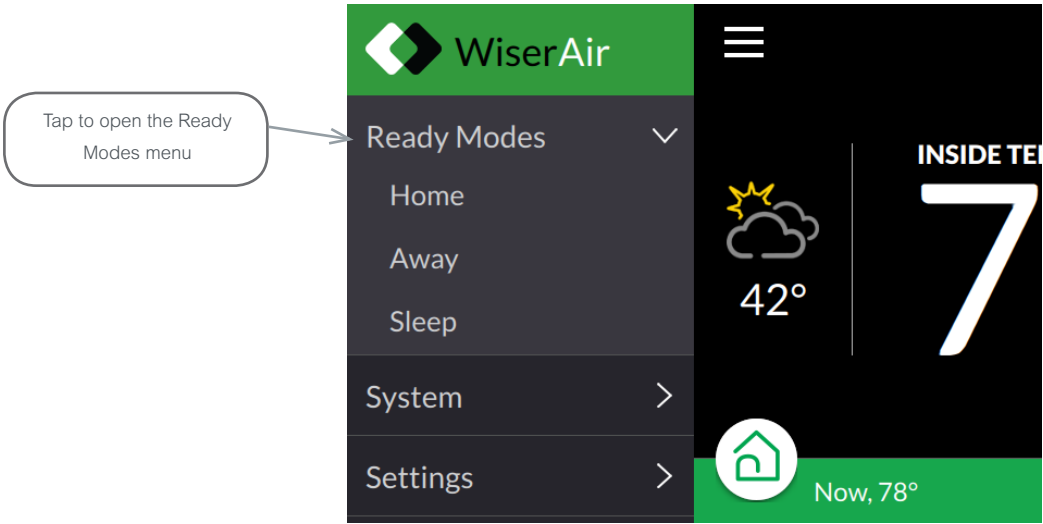Tap the icon and select the desired Ready Mode
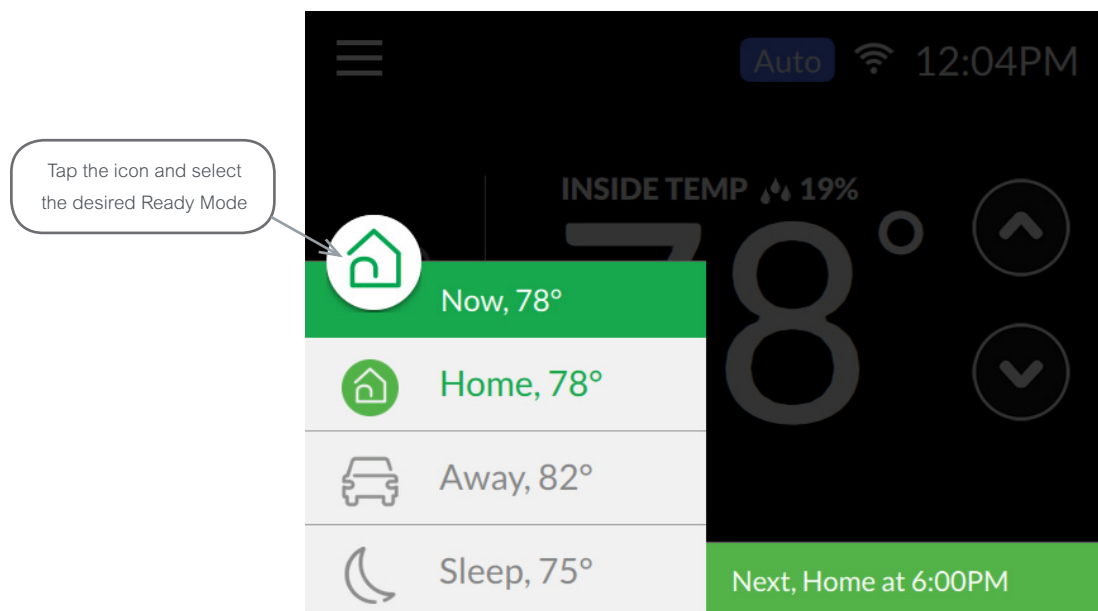
Using Eco IQ
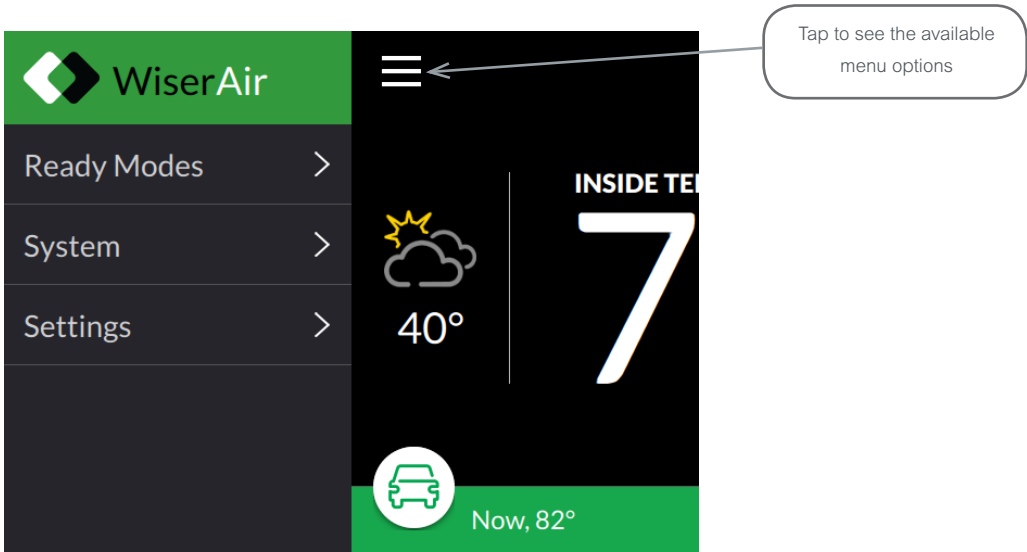
Eco IQ is Wiser Air's learning algorithm. It learns your heating and cooling preferences over time through direct feedback. Eco IQ challenges your perception of what an ideal temperature is by allowing you to define your comfort level by how warm or cold you are, rather than through a predetermined set point.
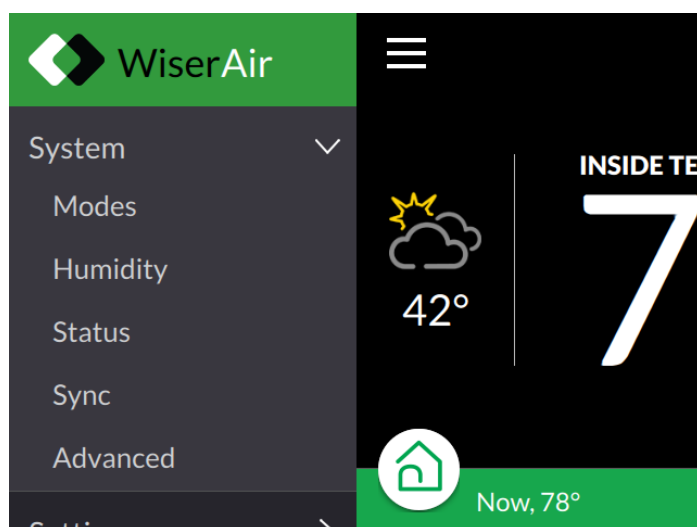
Tap the UP arrow if you feel too cold

Tap the DOWN arrow if you feel too warm

Menu Features

Tap to see the available menu options

Tap to open the Ready Modes menu

Ready modes and Eco IQ

Ready Modes > Home Away Sleep	Each of these Ready Modes (or presets) is composed of a Cool and Heat setpoint for systems containing heating and cooling components. You can make changes to these setpoints by tapping each mode in the menu.
Eco IQ > Comfort Zone Lifestyle	Comfort Zone will set your comfort temperature when you press the up or down button of the Wiser Air interface. Lifestyle will adapt the Eco IQ learning to your desired type of saving and to your home.

System

| Modes > System Mode	You may manually select the mode for the thermostat from Off, Heat, Cool or Auto. When Auto mode is selected, Wiser Air will automatically switch from heating to cooling based on room temperature.
Modes > Fan Mode	The available fan modes are Auto, Cycle and On. Auto: Fan will turn on heating or cooling demand Cycle: Fan will run in timed cycles that can be selected in the below menu. On: Fan will always be on
Modes > Fan Mode> Fan Cycle Duration (per hour)	The fan cycles duration options are 15 min. / 30 min. / 45 min. These options are enabled only when 'Cycle' fan mode is selected in the above menu.
Auxiliary / Emergency Heat	When the emergency heat is on, the auxiliary heat is enabled by default. Note: Auxiliary heat will only be used if the outside temperature is lower than the minimum outside temperature preset of 14° F.
Eco IQ	On / Off ECO-IQ is an algorithm implemented in Wiser Air to boost energy savings. When activated, Wiser Air will adapt to the usage and behavior of the owner and control the system automatically to improve efficiency.
Humidity Default: off	System / Modes / Dehumidification When the humidity parameter is enabled, the setpoint may be configured via the System - Humidity - Humidity Limits menu.
Humidity> Dehumidification	Partial dehumidification • If enabled, and humidity becomes higher than the setpoint, Wiser Air will supply air 1 degree lower than the setpoint. • Refer to the Air exchanger section below
Humidity> Air exchanger	When configured, if outdoor air humidity is lower than indoor humidity, Wiser Air will use the air exchanger to dehumidify indoors, When using the setup Wizard, selecting the W2 terminal will enable the control of an existing Dehumidifier or Air exchanger.

System (continued)

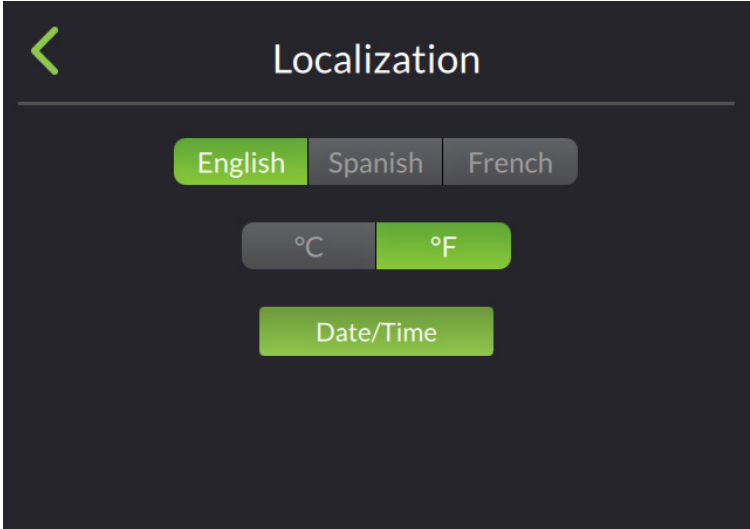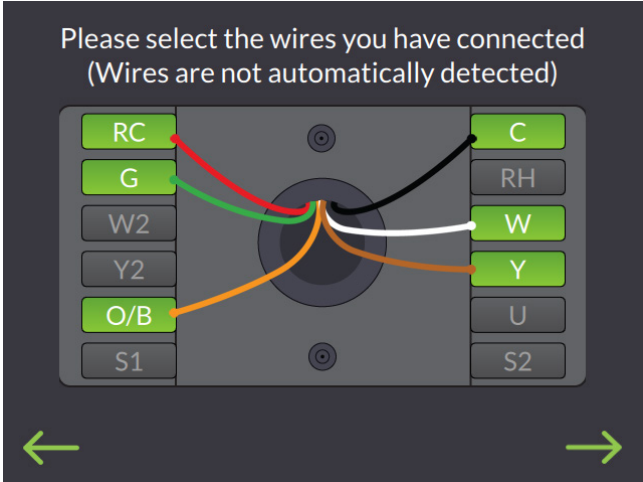|	
Status> Wi-Fi	Residential Wi-Fi connection status Green: excellent Red: Not connected
Status> Wiser-M	Wiser-M server connection status Green: excellent Red: Not connected
Status> Wiser-N	Wiser-N server connection status Green: excellent Red: Not connected
Status> Upgrade	Upgrade status when device is upgrading
Status> Version	Device firmware version
Status> Serial	Serial number
Status> Product number	Product number
Status> Hardware revision	Hardware revision
Sync	Synchronize the device to the user: Web account; www.wiserair.com Or App.
Advanced Configuration	
Advanced Configuration> Reversing valve O/B	O will energize the O/B output terminal when system is in cooling mode. B will energize the same output when system is in heating mode.
Advanced Configuration> Compressor CPH	In normal operation, it represents the typical number of cycles that the equipment will turned on and off in one hour. The dead band on the Wiser Air is 3°F and it is not adjustable.

Advanced Configuration> Fan purge delay	Following a call for cooling or heating, the fan will keep running for the duration on Fan purge delay. Fan purge delay is used when fan is in auto mode.
Advanced Configuration> Min. outdoor temperature	Auxiliary heat, if configured, will be used instead of the heat pump when the outside temperature is below this value.
Advanced Configuration> W, W2 Fan control	Thermostat; Select THERMOSTAT if the G terminal is wired and control by Wiser for fan enabling. Equipment; Select EQUIPMENT if the G terminal is NOT wired and fan control is not performed by the Wiser.
Advanced Configuration> W, W2 Heating CPH	It represents the typical number of cycles that the equipment will turned on and off in one hour. The dead band on the Wiser Air is 3˚F and it is not adjustable.
Advanced Configuration> U fan control	U is considered as heating stage 3. Thermostat; Select THERMOSTAT if the G terminal is wired and control by Wiser for fan enabling. Equipment; Select EQUIPMENT if the G terminal is NOT wired and fan control is not performed by the Wiser.
Advanced Configuration> U Heating CPH	It represents the typical number of cycles that the equipment will turned on and off in one hour. The dead band on the Wiser Air is 3˚F and it is not adjustable.
Advanced Configuration> Fan CPH	It represents the typical number of cycles that the fan will turn on and off in one hour.
Advanced Configuration> Humidity offset	Calibration for humidity reading
Advanced Configuration> Temperature offset	Calibration for temperature reading
Advanced Configuration> Solution code	Used only in large installation that requires specific solution. Example; Wiser Air residential is wpczx

Settings
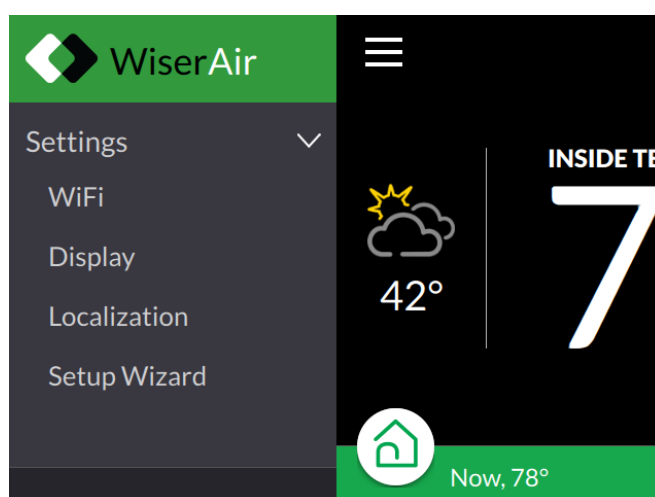
Wi-Fi	Discover and select appropriate wireless network for remote accessing.
Display	Halo intensity: backlight intensity level
	Screen brightness: screen brightness intensity level

Localization	

Localization>\nLanguage	User language selection:\nEnglish, Spanish, French
Localization>\nUnit display	Unit selection:\n˚C: Celsius\n˚F: Fahrenheit
Localization>\nDate & Time configuration>\nTime format	Time format selection:\n24H: 0 to 24H00\n12H: 1 to 12h00
Localization>\nDate & Time configuration>\nTime zone	Time zone selectable from the list\nSelecting time zone automatically assign a time.
Setup wizard	The Setup Wizard automatically starts upon installation of the product. It can be restarted from the Settings menu to modify the configuration.\n\nThe setup wizard is a quick set up procedure to set the most common parameters of the user interface. Once this parameter is selected, answering the question from the top of the screen will lead to an optimum configuration of your system.\n\nUsers may refer to the installation guide for wire selection based on their system.\n\n

Reset to factory configuration

📝 Before attempting to reset Wiser Air to factory default settings, be sure to contact the Customer Care Center. Contact details can be found on the last page of this document

Reset to factory default	Press and hold the reset button at the lower left side of the device for 20 seconds.
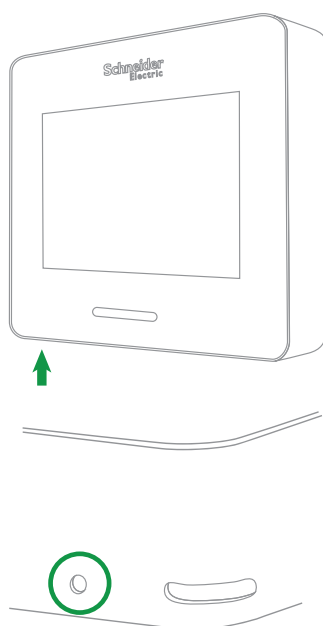
Technical Support

The Customer Care Center (CCC) is your single point of contact for information about your Wiser Air. Qualified personnel are available to answer your customer service and technical support questions.

PHONE: **1-855-55WISER (1-855-559-4737)**
E-Mail: **wiser_support@schneider-electric.com**
Web: **www.wiserair.com/support**

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At Schneider Electric, we call this **Life Is On**.