

AprilAire®

Sensors

HOW-TO GUIDE

Wireless Sensors

Installed By:

Installer Phone:

Date Installed:



READ AND SAVE THESE INSTRUCTIONS

The Z10IDT Wireless Indoor Temperature and Relative Humidity sensor can be paired with the AprilAire S86WMUPR Wi-Fi thermostat for improved comfort control within the home. The below guide will provide information on how to:

- Pair the sensor with the thermostat
- Configure the thermostat to control from the average of all temperatures
- Configure the thermostat for Sensor Controlled Scheduling

Also included is a sensor identification chart to help label and identify each indoor sensor.

PAIRING THE WIRELESS INDOOR SENSOR TO THE THERMOSTAT

Up to 8 indoor wireless sensors can be paired with the S86WMUPR Wi-Fi thermostat. To pair a sensor with the thermostat:

1. On the thermostat, navigate to Settings: Menu > Settings
Press and hold UP and DOWN for 5 seconds
Select Installer Settings > Wireless Sensors > Add
2. On the sensor, press and hold the pairing button (located behind the battery plate) for 5 seconds until the red indicator light on the front of the sensor begins flashing
3. On the thermostat, select Continue and wait for the pairing process to complete



CONFIGURING THE THERMOSTAT TO CONTROL FROM THE AVERAGE TEMPERATURE

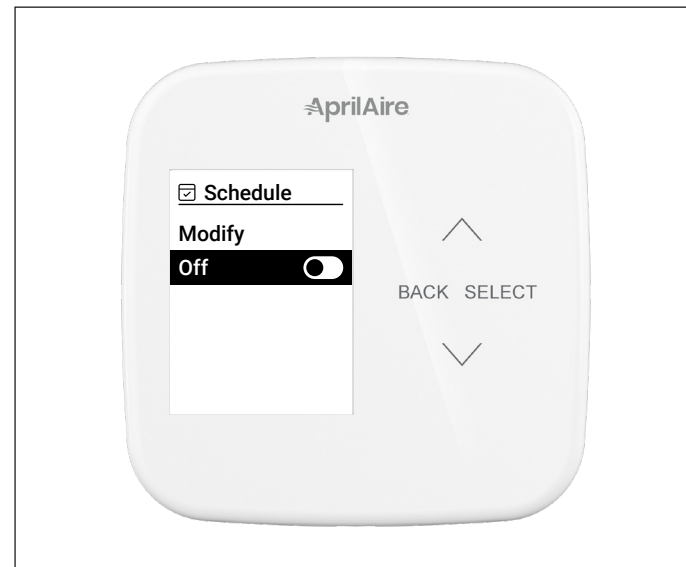
When a wireless indoor sensor is paired with the S86WMUPR Wi-Fi thermostat, the default control will automatically change to Average. In this configuration, the thermostat will control based on the average of all wireless indoor sensor readings as well as the thermostat reading. All indoor wireless sensor readings will be used in this average calculation (the thermostat cannot be setup to choose which sensors to use in the average).

To change the configuration of the thermostat back to Average if it has been configured for Sensor Controlled Scheduling:

- Turn the schedule functionality OFF

or

- Program the schedule so that every event is set to ALL (AVERAGED)



CONFIGURING THE THERMOSTAT FOR SENSOR CONTROLLED SCHEDULING

The thermostat can also be configured to control the home from individual sensors at different times throughout the day (example: control from the home office sensor during the day, bedroom sensor during the night, etc.). To configure this functionality:

1. Pair the desired number of wireless indoor sensors to the S86WMUPR Wi-Fi thermostat (up to 8 sensors)

2. Place the sensors in their desired location, and note the Sensor ID and Sensor Location in the Sensor Identification Chart for reference

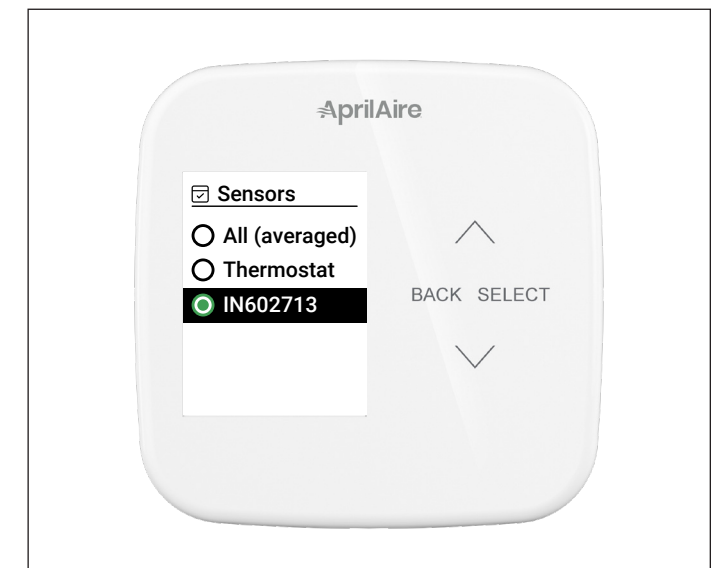
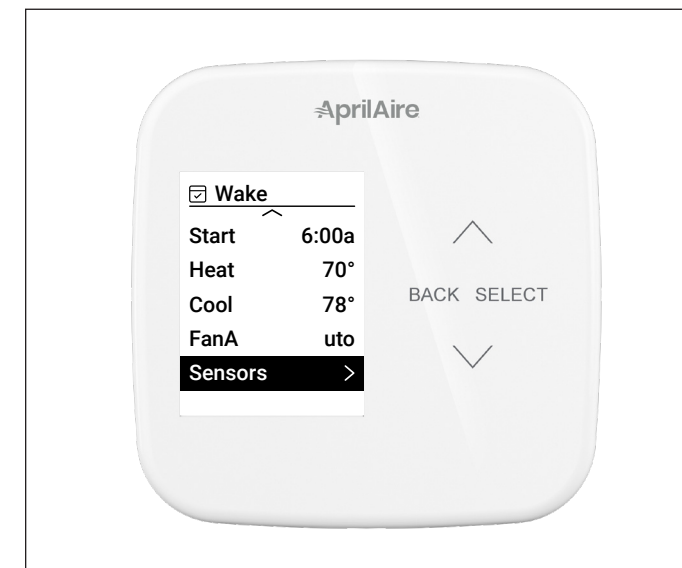
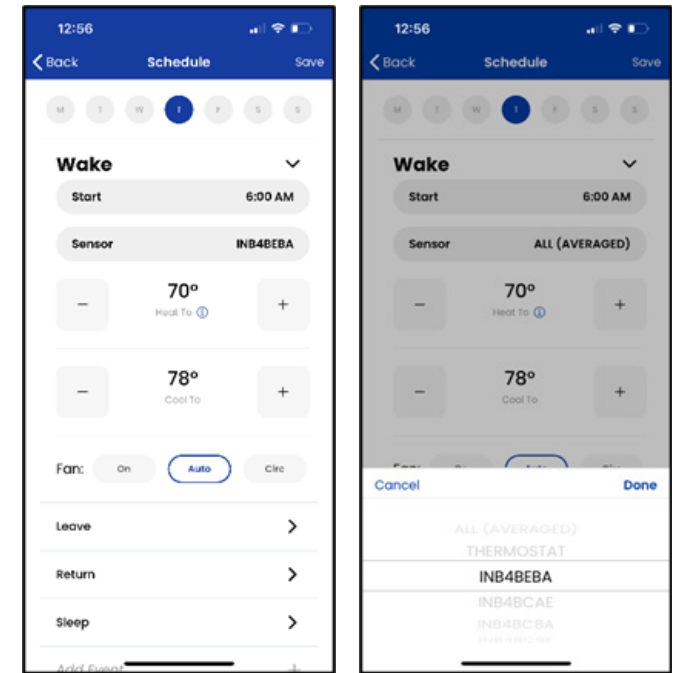
3. The Schedule can be setup on the thermostat or within the Healthy Air App

- a. To Setup Within the Healthy Air App

- i. Select the thermostat within the app
- ii. Towards the bottom, select Schedule and verify it is set to On
- iii. Select Schedule > Modify
- iv. Configure the Wake, Leave, Return, and Sleep settings. This will include the start time, Sensor, heat setpoint, cool setpoint, and fan control
- v. Select Sensor and choose between ALL (AVERAGED), THERMOSTAT, or an individual sensor that has been paired with the thermostat (refer to the Sensor Identification Chart)
- vi. Complete these steps for each day (or copy this configuration to other days)

- b. To Setup Through the Thermostat

- i. Navigate to Menu > Schedule
- ii. Turn the schedule ON by highlighting the ON/OFF toggle and pressing Select
- iii. Select Modify
- iv. The thermostat allows for the configuration of All Days, Weekdays, Weekends, or individual days. Select the desired day(s)
- v. Within the selected day(s), configure the Wake, Leave, Return, and Sleep settings. This will include the start time, heat setpoint, cool setpoint, fan control, and Sensor
- vi. Select Sensor and choose between All (averaged), Thermostat, or an individual sensor that has been paired with the thermostat (refer to the Sensor Identification Chart)
- vii. Complete these steps for each day



INDOOR SENSOR IDENTIFICATION CHART:

INDOOR SENSOR ID:

SENSOR LOCATION:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____
