



Configuration Instructions

Air-Fi™ Wireless Communications Sensor (WCS)

Model Numbers: X13790955010, X13790955040, X13790955050, X13790968010, X13790956010, X13790969010, X13790973010

**SAFETY WARNING**  
Only qualified personnel should install and service the equipment. The installation, starting up, and servicing of heating, ventilating, and air-conditioning equipment can be hazardous and requires specific knowledge and training. Improperly installed, adjusted or altered equipment by an unqualified person could result in death or serious injury. When working on the equipment, observe all precautions in the literature and on the tags, stickers, and labels that are attached to the equipment.

- WARNING** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
- CAUTION** Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury. It could also be used to alert against unsafe practices.
- NOTICE:** Indicates a situation that could result in equipment or property-damage only accidents.

**WARNING**  
**Personal Protective Equipment Required!**  
Installing/servicing this unit could result in exposure to electrical, mechanical and chemical hazards. Before installing/servicing this unit, technicians **MUST** put on all Personal Protective Equipment (PPE) recommended for the work being undertaken. ALWAYS refer to appropriate MSDS sheets and OSHA guidelines for proper PPE. When working with or around hazardous chemicals, ALWAYS refer to the appropriate MSDS sheets and OSHA guidelines for information on allowable personal exposure levels, proper respiratory protection and handling recommendations. If there is a risk of arc or flash, technicians **MUST** put on all necessary Personal Protective Equipment (PPE) in accordance with NFPA70E for arc/flash protection **PRIOR** to servicing the unit. Failure to follow recommendations could result in death or serious injury.

**WARNING**  
**Proper Field Wiring and Grounding Required!**  
All field wiring **MUST** be performed by qualified personnel. Improperly installed and grounded field wiring poses **FIRE** and **ELECTROCUTION** hazards. To avoid these hazards, you **MUST** follow requirements for field wiring installation and grounding as described in NEC and your local/state electrical codes. Failure to follow code could result in death or serious injury.

1

Press configuration button for 3 seconds

Configuration mode

Follow these steps in the order presented.

2

Press or to scroll to next selection.

Press or to confirm selection and move to next menu.

= OFF

3

Temperature

4

Setpoint

5

Dead band (db) dual setpoint only

heat/cool setpoint offset  
(1.8°F – 10.8°F, 1°C – 6°C)

6a

System — Single Setpoint

6b

System — Dual Setpoint

6c

System — No Setpoint

### 7 Fan (Not all fan options are available for all systems.)

Diagram illustrating fan settings. The settings are arranged in two rows of four, each with a left arrow, a right arrow, and a central icon. The first row shows: 'AUTO' with a fan icon, 'AUTO' with a fan icon and 'low/high', 'AUTO' with a fan icon and 'low/med/high', and 'AUTO' with a fan icon and 'auto/high (on)'. The second row shows: 'auto/high (on)', 'off/low/high', 'off/low/med/high', and 'no fan options enabled'.

### 8 Occupancy (timed override)

Diagram illustrating occupancy settings. It shows a house icon with a person icon inside, labeled 'occupancy enabled', and a house icon with a person icon outside, labeled 'occupancy disabled'.

### 9 Adjusting temperature measurement increments

Diagram illustrating temperature measurement increments. It shows two settings: '0.0°F' and '0.1°F'. The text states: 'Adjustable in increments of 0.1°F or 0.1°C to a maximum of ±3.6°F or ±2°C'.

### 10 Adjusting humidity measurement increments\*

Diagram illustrating humidity measurement increments. It shows two settings: '0.0%RH' and '0.1%RH'. The text states: 'Adjustable in increments of ±0.1%RH to a maximum of ±5.0%RH'.

\*Available if the RH module is installed on the WCS.

### 11 Setting summary

Diagram showing a summary of settings. It includes a temperature display, a fan icon, an 'OFF' button, an 'AUTO' button, and a house icon.

### 12 Return to operating mode

Press configuration button (see step 1).

Sensor will revert to operating mode if no buttons are pressed for 10 minutes.

Diagram showing the return to operating mode screen. It displays a temperature of 72.4°F, a fan icon, and a house icon.

### Display Setpoint (→) or Temperature

#### A

Begin here

Operating mode Home screen

#### B

Press up and down arrows for 3 seconds.

Setpoint

Temperature

### Test signal strength

#### View battery status

Press center button twice

### Error Codes

If an error code appears, view definitions on the inside of the base plate or in the Installation, Operation, and Maintenance guide (BAS-SVX40\*-EN).