



## Installation Instructions

### Wired Display Sensor

**Model Numbers:** X13790886010, -6020, -6030, -6040, and -6050



#### 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.

August 2012

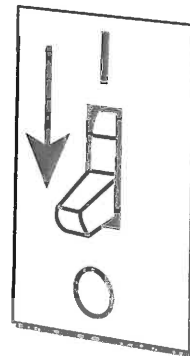
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X39641119-01C

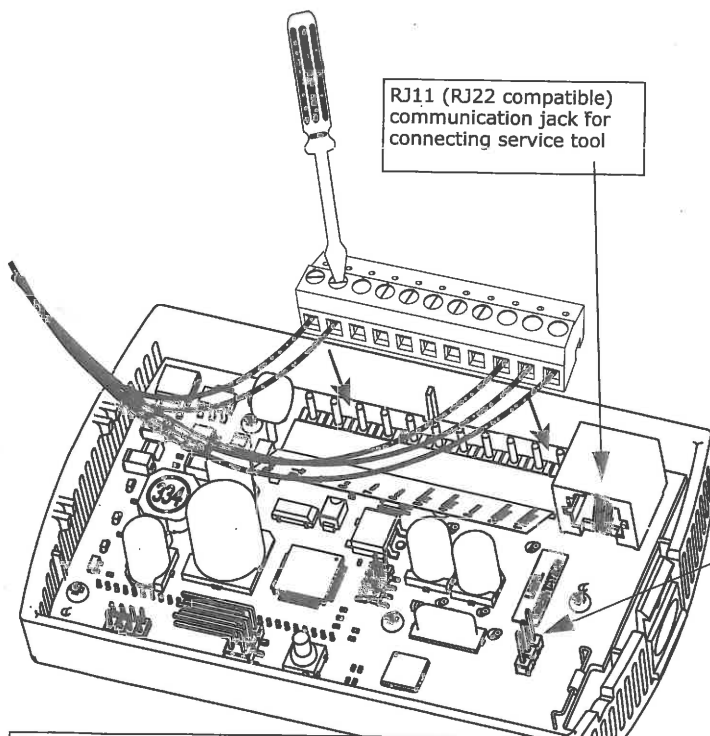
1



Power off!



4



**Note:** Unit controller inputs for system status, fan status, and service required are not available on this sensor. If replacing a BAYSENS031A or BAYSENS035A sensor, and status indicators are required, replace with non-display sensor BAYSENS109A or BAYSENS110A.

11	24 VAC/VDC
10	(GROUND)
9	S1 REMOTE TEMP SENSOR
8	S2 REMOTE TEMP SENSOR
7	COMM-
6	COMM+
5	HEAT SETPOINT (HSP)
4	SYS/FAN MODE (MODE)
3	SETPOINT
2	SIGNAL COMMON (COMMON)
1	ZONE TEMPERATURE (ZONE TEMP)

Jumper is installed from factory to display local temperature reading. To enable external sensor option, move jumper to "Ext" location.

Local



If jumper is positioned as shown here, the display shows the local temperature sensor reading (default).

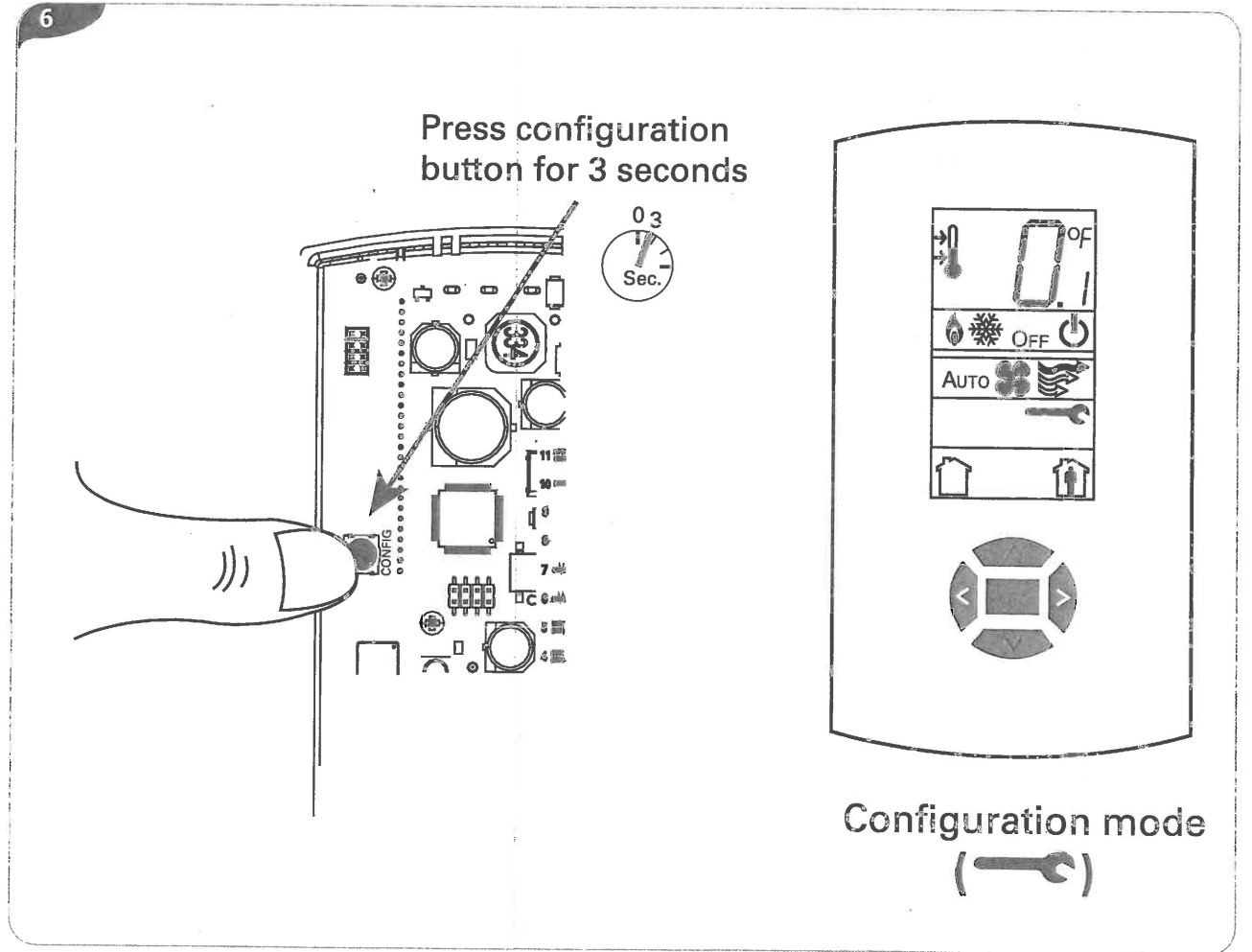
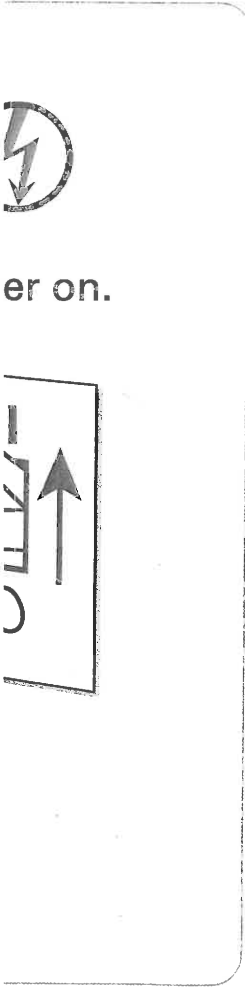
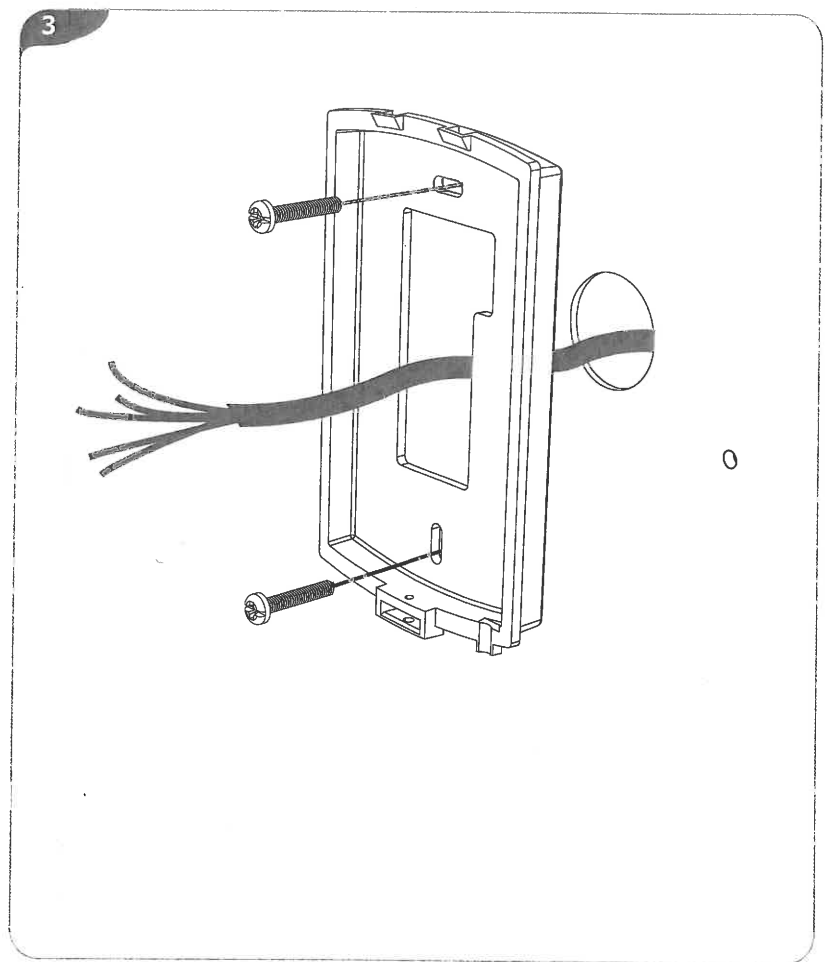
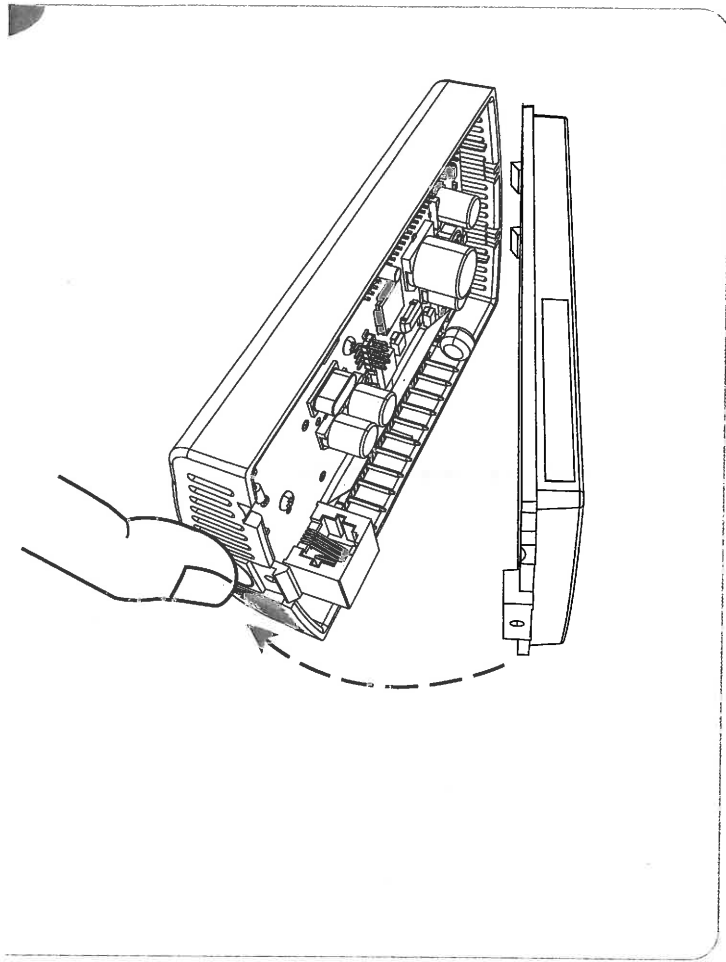
Ext



If jumper is positioned as shown here, the display shows the external temperature sensor reading.

5

F



Follow steps 7 through 16 in the order presented • Press ◀ or ▶ to scroll to r

7

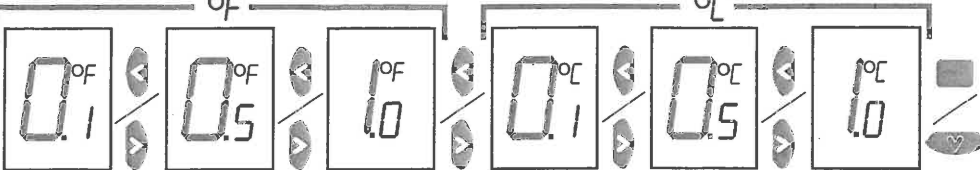
Press  to begin.



8

Temperature

◀ 0.1 OF ▶ ◀ 0.5 OF ▶ ◀ 1.0 OF ▶ ◀ 0.1 OF ▶ ◀ 0.5 OF ▶ ◀ 1.0 OF ▶



9

System



11a

System — Single Setpoint

⏻ = OFF

! 🔥 ❄️ OFF ⏻ / 🔥 ❄️ AUTO OFF ⏻ / 🔥 ❄️ OFF ⏻ / AUTO OFF ⏻ / [ ] /

emergency heat/heat/cool/off / heat/cool/auto/off / heat/cool/off / auto/off / no system options enabled

11b

System — Dual Setpoint

◀ / 🔥 ❄️ AUTO OFF ⏻ / 🔥 ❄️ OFF ⏻ / 🔥 ❄️ AUTO OFF ⏻ /

emergency heat/heat/cool/auto/off / emergency heat/heat/cool/off / heat/cool/auto/off

11c


System — No Setpoint

[ ] /

no system options enabled

13

Occupancy (timed override)

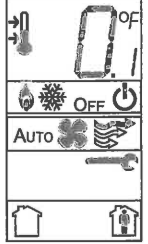
 / [ ] /

occupancy enabled / occupancy disabled

For service pin request, see the current version of BAS-SVX10.

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Setting Summary



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Return to operating mode

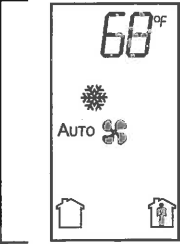
Press configuration button (see step 7).

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

## Display Setpoint → or Temperature

A

Begin here →



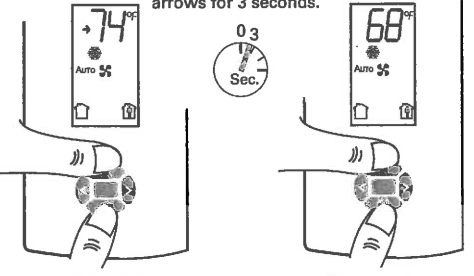
Operating mode Home screen

B

Press up and down arrows for 3 seconds.

03 Sec.

74°F / 68°F

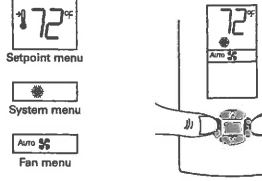


Setpoint / Temperature

Lock or unlock settings (🔒)

1. Begin in operating mode.
2. Choose feature to lock or unlock.
3. Lock or unlock by pressing left/right arrows for 4 seconds.

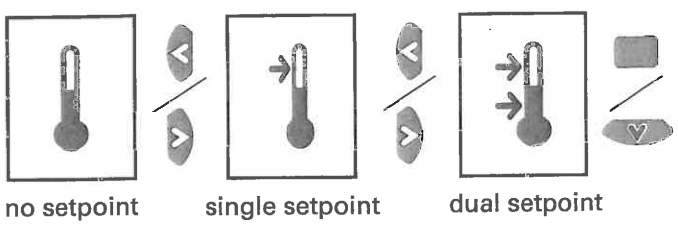
172°F / 72°F



Setpoint menu / System menu / Fan menu

selection • Press or to confirm selection and move to next menu

nt



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Dead band (db) dual setpoint only

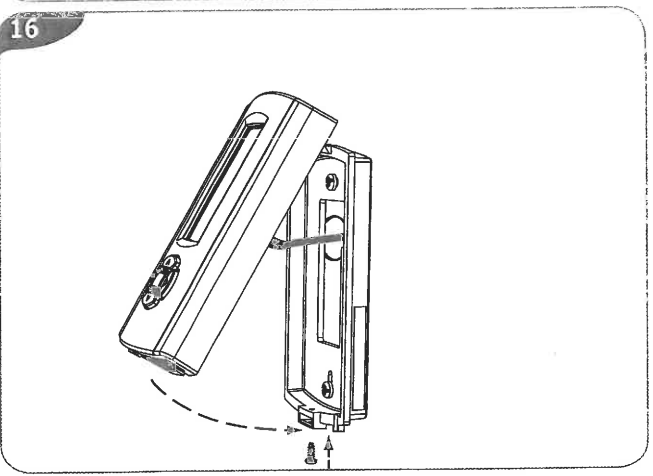
heat/cool setpoint offset  
(2.0°F – 10.8°F, 1.1°C – 6°C)

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

auto/off      auto/off/low/high      auto/off/low/med/high      auto/high (on)

off/high (on)      off/low/high      off/low/med/high      no fan options enabled



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**CE Declaration of Conformity**

Manufacturers: Trane  
4833 White Bear Parkway  
Saint Paul, MN 55103, USA

Product: Wired display sensor

Model number: X1379088601  
X1379088604  
X1379088605

The manufacturer hereby declares that the product conforms to the following:

Electromagnetic Emission: Council Directive 89/336/EEC  
EN61326-1:2006, Class B limit  
Radiated EN55011:2006, Class B limit  
Conducted EN55011:2006, Class B limit  
Harmonic EN61000-3-2, Class A limit  
Flicker EN61000-3-3:1995  
+A1:2001+A2:2006

Electromagnetic Immunity for Industrial: by Council Directive 89/336/EEC  
EN61326-1:2006  
EN61000-2:2006, ±4.0 kV by contact,  
±8.0 kV by air  
EN61000-4-3:2006, 10.0 V/m  
EN61000-4-4:2006, ±1.0 kV signal lines,  
±2.0 kV ac power lines  
EN61000-4-5:2006, ±1.0 kV signal lines,  
±2.0 kV ac power lines  
EN61000-4-6:2006, 3 V  
EN61000-4-11:2006

Date of issue: October 14, 2008

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Design/Compliance Engineers:   
Robert Jacobs

Error Codes

If an error code appears, view definitions in the current version of BAS-SVX10.

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Supersedes X39641119-01B (01 Dec 2008)

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