WEB-DAS
Web Comfort™ Discharge Air Sensor with Integrated Transceiver
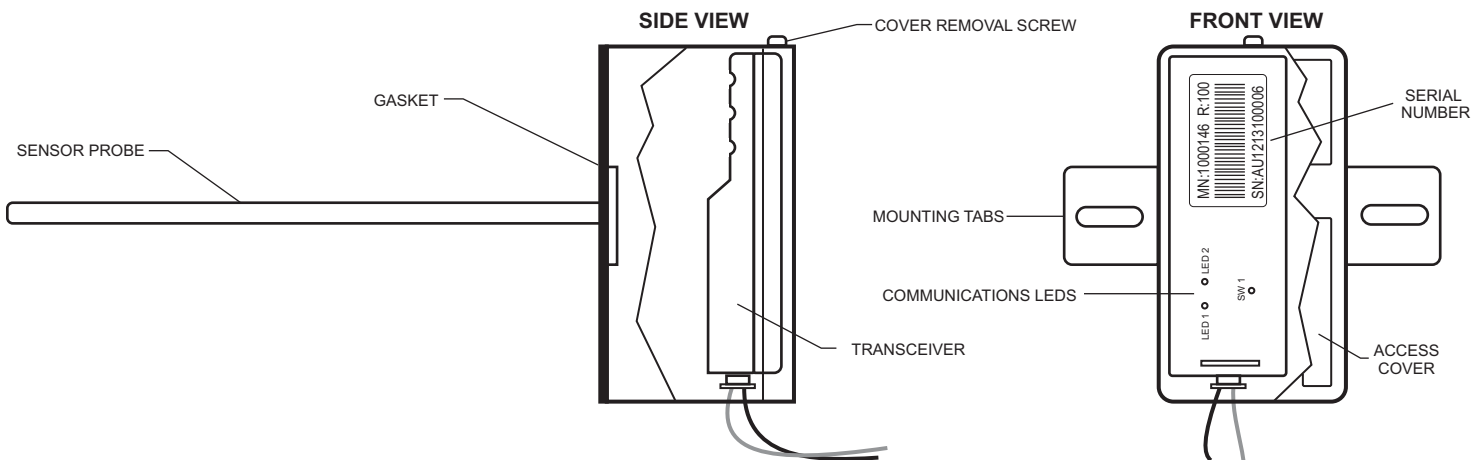# Installation and Quick Start Guide

Product Description

The WEB-DAS is a 8" duct probe thermistor temperature sensor that is factory wired to a special Web Comfort wireless transceiver to provide real-time temperature information via the Web Comfort software. The thermistor offers a higher resistance than Platinum RTD's, creating a larger signal with the same measuring current. (See Quick Start Guide on other side.)

Sensor Specifications

Output:	NTC Type II - 10KΩ@77°F
Temperature Range:	-40° to 302°F
Accuracy:	+/- .1°F
Operating Humidity:	10 to 90% RH non-condensing

Transceiver Specifications

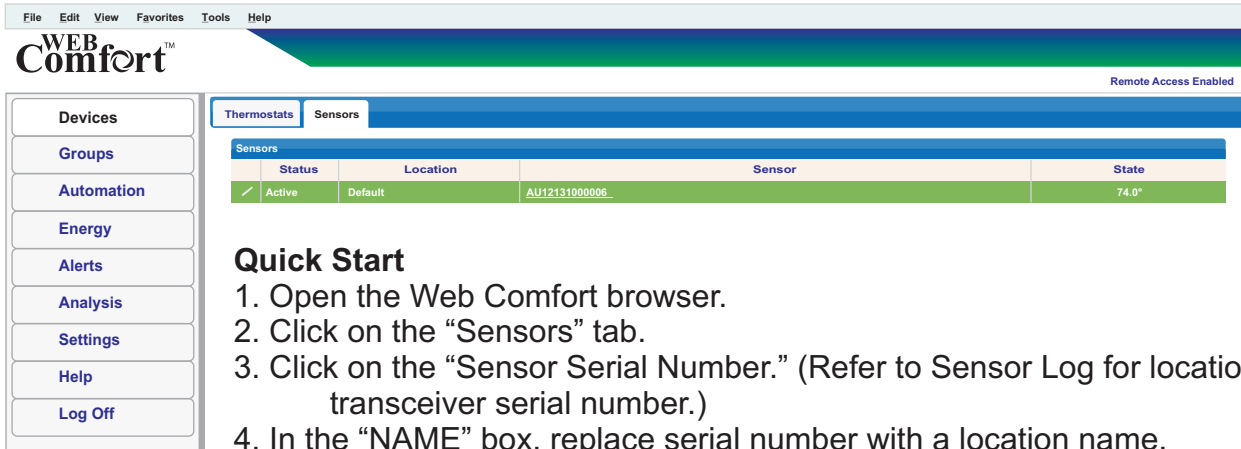|	
Wireless Communications:	ZigBee
Protocol:	Modbus
Transmission Distance:	100'
Approvals:	FCC Part 15

Installation

1. The discharge air sensor should be located in the center or a vertical section of the main supply plenum approximately 36" downstream from the evaporator or heat exchanger.
2. Drill a 5/16" hole in the supply plenum. Insert the sensor probe and use the mounting hardware provided to secure the sensor to the duct.
3. Remove the sensor cover by loosening the cover removal screw. Pull the exposed leads into the box and run a length of 18-2 thermostat wire from the HVAC equipment transformer. Use the wire nuts included with the sensor and land 24V-Hot to the Red lead and 24V-Common to the Black lead. A separate 24VAC transformer can also be used to power the transceiver.
4. Before reattaching the sensor cover, record the serial number located on the front of the transceiver on the included Transceiver Log. This information will be important in properly identifying multiple sensor locations and assigning a location and application name in the Web Comfort software.
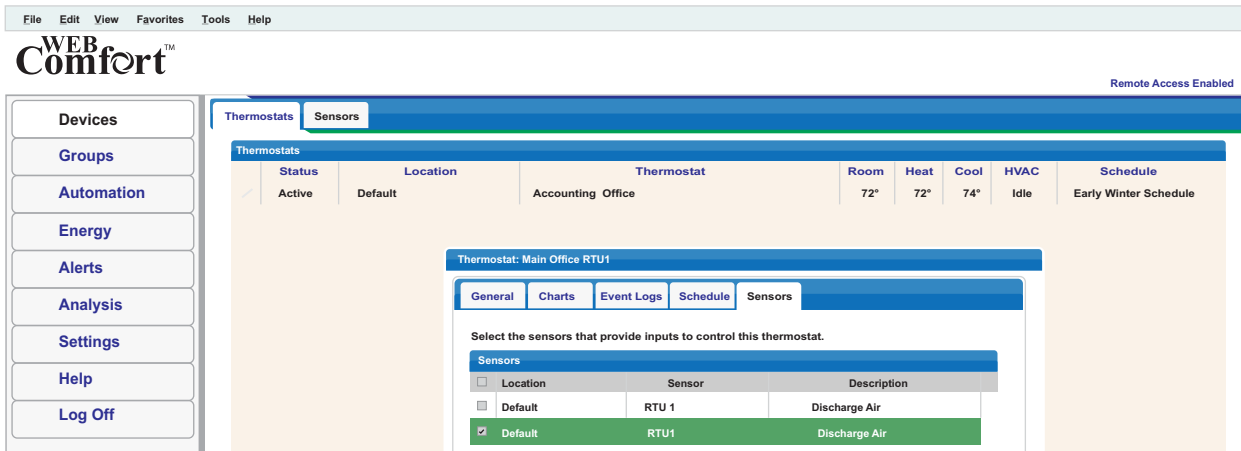
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WEB-DAS
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WEB Comfort™

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Thermostats | **Sensors**

Sensors

	Status	Location	Sensor	State
✎	Active	Default	AU12131000006	74.0°

Quick Start
1. Open the Web Comfort browser.
2. Click on the "Sensors" tab.
3. Click on the "Sensor Serial Number." (Refer to Sensor Log for location of transceiver serial number.)
4. In the "NAME" box, replace serial number with a location name. (Example: RTU 1.)

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Thermostats | Sensors

Thermostats

	Status	Location	Thermostat	Room	Heat	Cool	HVAC	Schedule
	Active	Default	Accounting Office	72°	72°	74°	Idle	Early Winter Schedule

Thermostat: Main Office RTU1

General | Charts | Event Logs | Schedule | **Sensors**

Select the sensors that provide inputs to control this thermostat.

Sensors

☐	Location	Sensor	Description
☐	Default	RTU 1	Discharge Air
☑	Default	RTU1	Discharge Air

5. Click on the "Thermostat" tab.
6. Click on the thermostat that the sensor is to be associated with.
7. Click on the "Sensor" tab.
8. Check the box of the associated sensor and click "Save."
9. Follow the same steps for each sensor in the sensor window.

For step-by-step instructions on assigning sensors and creating sensor alerts, click on the "Help" tab.

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