

# OCCUPANCY SENSORS

## SPECIFICATION SHEET

### DESCRIPTION

Available in ceiling- or wall-mount styles, RenewAire **Occupancy Sensors** deliver precise control signals to an energy recovery ventilator (ERV). Depending on application needs, the **sensors automate standard on/off cycles or demand-driven ventilation overrides**, providing an easy path to achieving ASHRAE Standard 90.1 compliance.

### FEATURES

- ◆ **Advanced Technology:** These sensors combine PIR technology with a microprocessor-based digital architecture. By eliminating false triggering, they provide trouble-free, “install and forget” solutions.
- ◆ **Smart Timing:** Both models feature self-adjusting, delayed-off time interval settings ranging from 30 seconds to 30 minutes. The system automatically compensates for real-time occupancy patterns, preventing unnecessary on/off switching.
- ◆ **Reliable Memory:** Integrated non-volatile memory preserves all automatic and manual settings during power outages.
- ◆ **Easy Setup:** Each unit offers fast, simple installation using three color-coded, low-voltage wires and a single mounting post.



PART NUMBER	DESCRIPTION
131302	Ceiling Mount Occupancy Sensor with Isolated Relay
131303	Wall Mount Occupancy Sensor with Isolated Relay

CEILING MOUNT SENSOR (131302) SPECIFICATIONS	
Max Range	1500 Feet
View	360°
Current Consumption	20 mA

WALL MOUNT SENSOR (131303) SPECIFICATIONS	
Max Range	2500 Feet
View	110°; Adjustable swivel neck rotates 80° vertically and 60° horizontally.
Current Consumption	15 mA

## COMMON SPECIFICATIONS

<b>Power</b>	24 VAC
<b>Sensor Type</b>	Passive Infrared (PIR)
<b>Relay</b>	30 VDC, 1Amp Isolated Relay
<b>Delay to Off</b>	10 Minutes (Adjustable)
<b>Manual Time Adjustment</b>	30s–30m, 6s Test Mode
<b>Sensitivity Adjustment</b>	0–100% (75% Preset)
<b>Housing Material</b>	High-Impact, Injection Molded Plastic
<b>Title 24 Compliant</b>	Yes
<b>ASHRAE Standard 90.1 Compliant</b>	Yes
<b>Standards and Certifications</b>	CUL/US Cert
<b>Operating Temperature</b>	32°F–104°F 0°C–40°C