

2.4 GHz Wireless Sensor System

ENCO



Specifications:

Radio	2.4 GHz, internal antenna
Regulatory Approvals	FCC Part 15 and Industry Canada Contains FCC ID: OA3MRF24J40MA Contains IC: 7693A-24J40MA
Transmit Range	100 ft indoors to G1 Series gateway/repeater in typical open commercial office building
Accuracy	Filtered: +/-15ppm (S1 value) Unfiltered: +/- 40ppm (S2 value)
Response Time	T90 < 3 minutes
Measurement Range	0 - 5000 ppm CO2
Power	3xAA batteries, Energizer L91 recommended included) 1 min. interval: 3.5 yrs., 2 min. interval: 7 yrs. 3 min. interval: 10 yrs., 5 min. interval: 15 yrs.
Enclosure	ABS, UL94-5VA rating, bone color
Configuration Port	Internal USB mini-B connector for connection to G2 Series gateway
Mounting	Wall mount, vertical, indoor use only
Dimensions	5.8 x 3.2 x 1.5 inches
Operating Temp	0 to 120°F, indoor use only
Storage Temp	-20 to 120°F
Transmitted Data	Node ID, CO ₂ data, Battery voltage Selectable intervals: 1, 2, 3, 5 or 10 minutes
Weight	7.5 oz.

BACnet® is a registered trademark of ASHRAE Metasys® is a registered trademark of Johnson Controls, Inc Lon Works® is a registered trademark of Echelon Corporation

Product Description:

The ENCO Wireless Sensors are battery powered sensors for HVAC used for monitoring and controlling of indoor air quality (IAQ), energy savings, and occupant safety. The CO₂ sensor is self-calibrating and the Differential Pressure sensor requires no calibration. The sensors have adjustable data reporting interval options. They are wall mountable, powered with long life replaceable batteries providing battery life up to 15 years.

Data is transmitted to a wireless gateway or repeaters, which extends operation to unlimited distance. The EN Series gateway receives data from up to 100 sensor devices and interfaces to a wide range of standard BAS protocols including BACnet, Modbus, LonWorks, and Metasys N2. SN MP and XML protocols are available for IT systems.

Wireless CO₂ Sensor:

- 15 + year battery life
- Self-calibrating, 0-5000ppm range
- Internal antenna
- Low maintenance-free
- Easy installation: No wiring or conduit
- No interference with or from Wi-Fi
- Off-site or on-site configuration
- 3-Year Warranty

Entuit, Inc.

1930 Baseline Road - Grand Island, NY 14072 - phone (716) 775.9572 - www.EntuitInc.com - sales@entuitinc.com