World Class Infrared Refrigerant Monitors

The Environmental System IR-SNIF 1,2,3 monitors are reliable low cost "Early Warning" loss detection monitoring systems designed specifically for refrigerants.

SenTech's IR-SNIF 1,2,3 models are cost effective, self-contained active air-draw sampling systems offering highly reliable Infrared based performance with the flexibility to satisfy a wide range of continuous monitoring applications. SenTech's monitors utilize NDIR (Non-dispersive infrared) and pyroelectric (absorptive sensing) technology featuring a single field-programmable self-contained metal enclosure with SenTech's unique built-in leak wait period that minimizes nuisance false alarms.

With Infrared technology, the IR-SNIF 1,2,3 (single zone) with three alarm levels is capable of monitoring and responding to any one of 20 refrigerants from a standard library via keypad entry at concentration levels as low as ten (10) parts per million (PPM).

SenTech's IR-SNIF 1,2,3 monitors comply with ASHRAE Standard 15.

Call for additional information on the IR-SNIF 1,2,3 and SenTech other Multi-Zone monitors.

FEATURES

- SenTech Blue powder coated NEMA 12 steel enclosure
- Infrared sensor technology
- Detects all halogen based refrigerants and blends
- Active air draw sampling up to 250 ft
- Factory calibrated-/-automatic electronic re-zeroing w/fresh air occurs after every air sample has been tested-/-No field calibration required

- Four line digital display w/ keypad for programming and operation
- Visual indication of alarm levels and system malfunction
- Three alarm level relays, Low, Main & High
- Three (3) 2 amp relays (NO/NC contacts)
- Standard 0-10 vdc analog output

- Optional Nema 4 enclosure
- ETL listing pending – will conform to UL STD 3101-1 and CAN/CSA No. 1010.1
- Compliance with ASHRAE Standard

MODEL IR-SNIF-1,2,3

- IR-SNIF 1,2,3
  (Single Zone w/3 Alarm levels)

ACCESSORIES

- Strobe light, Horn, Combination strobe/horn
- Air-sampling pickup tubing

SPECIFICATIONS

Sensitivity
As low as 10PPM

Weight
16 lbs, (7.2 Kgs)

Dimensions
W 10in x H 12.5in x D 4.75in
(25.4cm x 31.2cm x 12cm)

Power Requirements
120/240 Volt 50/60 Hz

Range
0 to 1000 PPM

Alarm Trip Points
Low Alarm 0 to 100% of Full Scale
Main Alarm 0 to 100% of Full Scale
High Alarm 0 to 100% of Full Scale

Operating Environmental Range
32º - 125º Fahrenheit
0º - 50º Celsius

Alarm Outputs
Indicator Light
Alarm Relays with 4 Form C contacts
(2 amps maximum)

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Continuous research leads to on-going product improvements; therefore these specifications are subject to change