



INDUSTRIAL REFRIGERANT LEAK DETECTOR



Infrared Technology
Fewer False Alarms
Fast Response Time



Features & Benefits

- **Utilizes Infrared Technology for Detection**
ensures long sensor life and high accuracy
- **Fewer False Alarms**
use of infrared technology enables response to refrigerants only
- **Fast Response Time**
responds to leaks in less than 1 second
- **High Sensitivity**
detects leaks as small as 0.01 oz/yr
- **Internal Leak Source**
enables calibrations to be made quickly and easily
- **2 Year Warranty**

H25-IR Industrial Refrigerant Leak Detector

The H25-IR is an industrial leak detector used for low-level detection and leak rate quantification of CFCs, HFCs, HCFCs and halogen gas compounds that are used in air conditioning and refrigeration equipment, fire suppression systems, and various other residential, commercial and industrial apparatus. The instrument can be used to locate and quantify leaks as well as log and totalize the entire group of leaks in a system to ensure quality assurance compliance. The unit is capable of detecting 29 of the most commonly used refrigerants and halogen gas compounds.

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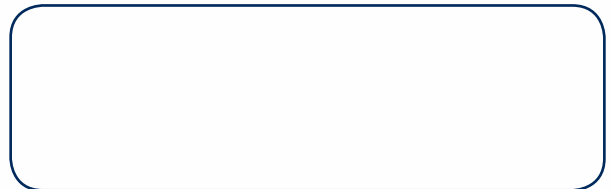
| SPECIFICATIONS | |
|-----------------------------|--|
| Gases Measured | R-11, R-12, R-22, R-23, R-113, R-114, R-123, R-124, R-134a, R-227, R-236fa, R-401A, R-402A, R-402B, R-404A, R-407A, R-407C, R-408A, R-409A, R-410A, R-500, R-502, R-503, R-507, R-508B, H-1211, H-1301, H-2402, N-1230 |
| Sensor | Infrared |
| Measurement Units | oz/yr, g/yr, mL/s, PaM ³ /s, ppm |
| Measurement Range | 0.00 - 5.00 oz/yr |
| Warm-Up Time | 2 minutes |
| Probe | 8" (20.3 cm) flexible probe with 6' (1.8 m) hose 12' (3.6 m) hose optional |
| Operating Modes | Search - detects presence and location of gas leaks Measure - calculates and displays leak rate |
| Response Time | Less than 1 second (with 6' probe hose) |
| Sensitivity | 0.01 oz/yr for most gases Minimum of 0.03 oz/yr for all gases |
| Temperature Drift | ±0.8% of reading per °C |
| Calibration | Internal: calibration performed using the unit's built-in R-134a leak source External: calibration performed using a customer supplied leak source of known gas type and leak rate |
| Power | 100 to 240 VAC, 50/60 Hz |
| Power Consumption | 15 Watts |
| Dimensions | 4"H x 10.75"W x 15"D (10.2 cm x 27.3 cm x 38.1 cm) |
| Operating Temperature Range | 32 to 122°F (0 to 50°C) |
| Operating Humidity Range | 5 to 90% RH, non condensing |
| Storage Temperature Range | -4 to 122°F (-20 to 50°C) |
| Weight | 18 lbs. (8.2 kg) |

Features & Benefits: (continued)

- Logging feature enables the total leak rate of a system to be quantified quickly and easily
- 8 inch flexible probe enables leak checking in hard to reach places
- Adjustable sensitivity ranges enable "nuisance" leaks to be ignored by the unit
- Contains four relay outputs for external alarm control
- Contains 4-20 mA output current loop

| ORDERING INFORMATION | |
|----------------------|--|
| PART NO. | DESCRIPTION |
| 3015-4420 | H25-IR with 6' probe hose, 6' power cord and instruction manual |
| 3015-4417 | H25-IR with 12' probe hose, 6' power cord and instruction manual |
| 3015-1486 | 15.5" flexible probe (optional) |
| 3015-1018 | Internal particulate filter |

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