

3300RM2NO₂ Refrigerant Detector

A Multi-Channel Gas Detection Monitor



DESCRIPTION

The 3300RM2NO₂ is a multi-channel gas detection monitor using a unique infrared absorption technology. The NO₂ version allows connection to the Parasense Oxygen monitor (OSM). The monitor provides up to 8 sampling channels with a variety of output options.

Uses

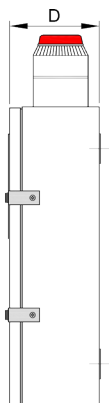
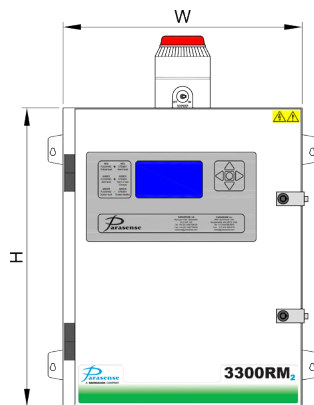
- Monitoring and response to leakage from various gases including: CFC, HCFC, HFC, HFO, HC, CO₂ and others on request.
- Systems employed in refrigeration, HVAC, process and military environments.

Features

- Draws a sample of air through remote tubing and analyses for content of target gas and displays the results as PPM.
- Continuous logging of samples and response to excursions above alarm thresholds.
- 1 sampling pump per channel for enhanced reliability and longevity.
- Configurable via display/keypad.

Product Extensions

- Remote annunciation.
- Automated alarm emails and KPI's (Key Performance Indicator) using the Parasense Information Centre website.



Certifications

- NATO Stock No: 7H 6625-01-614-3112 (3300RM2)
- Cage Code: 09WX1
- Vibration: MIL-STD-167-1-A
- Shock: Grade A MIL-S-901D
- EMC: MIL-STD-461F
- UL, CSA, EN 61010
- FCC Part 15 Subpart B
- ICES-003 Issue 5

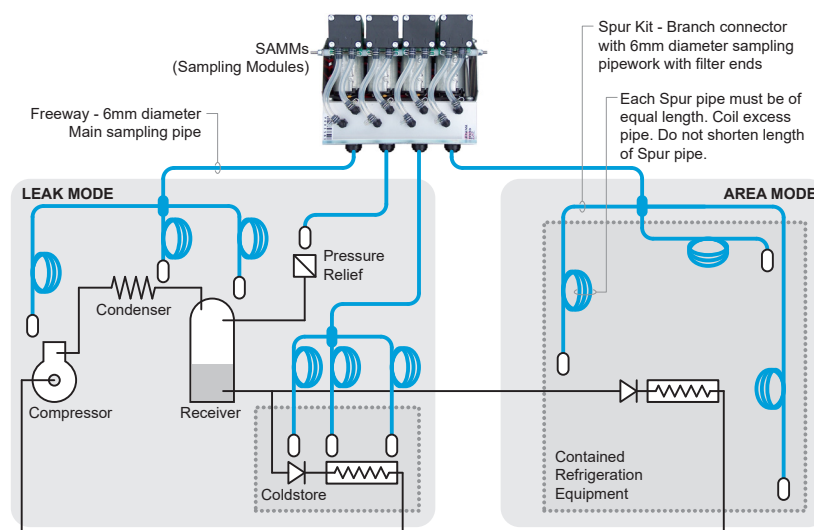
Product Dimensions

Specification	Description
MONITOR TYPE	3300RM2
HEIGHT	19.7" (500mm)
WIDTH	15.7" (400mm)
DEPTH	5.9" (150mm)
WEIGHT	35.6lb (16.2kg) excl. shock mounts

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Typical Sampling Installation



Technical Specification

Specifications	Description
ETHERNET	10 Base-T RJ45 socket
USB	USB2.0, Type B socket
FAULT ALARM 16 RELAYS	- Volt free, change-over - Max switching voltage: 250V ac - Max switching current: 6A, resistive
DISPLAY & OPERATOR CONTROLS OPTIONS	Traffic lights, LCD status display & navigation keypad
SENSOR, CFC, HCFC, HFC, HFO	- Styx infrared absorption sensor 24V dc plus serial coms - Resolution: 1ppm - Accuracy: better than 15% (species dependant)
SAMPLE PUMPS	24V dc, 360mA
MAXIMUM NUMBER OF SAMPLE PUMPS	8
MAXIMUM LENGTH OF SAMPLE PIPE	500ft / 150m (including all Spur pipework)
OPERATING CONDITIONS	- Operating temperature: 15°F (-9°C) to 110°F (43°C) - Storage temperature: -10°F (-23°C) to 150°F (65°C) - Humidity: 0 to 95%, non-condensing
POWER REQUIREMENTS	90-120V ac, 260VA, 50/60Hz
OVERCURRENT PROTECTION	2 x 2.5A anti-surge fuses
ENCLOSURE RATING	- NEMA 12 - IP54

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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