

News Announcement
from the MSA Instrument Division



MSA (Mine Safety Appliances Company), Pittsburgh, Pa.

Contact: Denise E. Budzynski
MSA Instrument Division
P. O. Box 427, Pittsburgh, Pa. 15230

Tel: 724 776-8828
Fax: 724 779-8423

For Immediate Release

New Enclosure for MSA Chillgard® RT Refrigerant Monitor

The Next Generation of Refrigerant Monitors

MSA Instrument Division's Chillgard® RT Refrigerant Monitor is now available in a shock-mounted, stainless steel enclosure. Designed for rugged applications such as onboard ship monitoring, the Chillgard RT Monitor's new stainless steel enclosure protects it from chemical-induced corrosion and other hazards. Shock mounting permits continuous monitoring in areas where vibration is a concern. Rack-mount, NEMA 4 and explosion-proof enclosures are also available for the Chillgard RT Monitor.

The Chillgard RT Monitor is designed with advanced photoacoustic infrared (IR) sensing technology, which is highly stable, reliable and more cost-effective than conventional IR measurement technologies.

Photoacoustic IR gas detection provides greater zero stability, eliminating the need for auto zeroing. It also allows for greater selectivity and sensitivity to refrigerant compounds. The Chillgard RT Monitor has an integrated sensor and control module, and performs continuous sampling without the need to enter auto zero mode.

(more)

The Chillgard RT Monitor quickly identifies leaks of refrigerants such as hydrochlorofluorocarbons (HCFCs), hydrofluorocarbons (HFCs), chlorofluorocarbons (CFCs) and ammonia. The Chillgard RT Monitor provides local audible and visible indication of refrigerant gas presence caused by leaks or spills from chillers, pipes, compressors, condensers and valves. Applications include monitoring at any type of industrial facility using chillers or refrigeration units, including manufacturing and research facilities, refrigerated food plants, meat-packing facilities and cryogenic plants.

Microprocessor-based, the Chillgard RT Monitor provides continuous detection of extremely low levels of refrigerant gas. The Chillgard RT instrument can monitor over a range of 0 - 1,000 parts per million (ppm), with sensitivity as low as 1 ppm. Other monitoring ranges are also possible. MSA Chillgard RT Monitors are manufactured through an Assemble-to-Order (ATO) process, enabling rapid product delivery.

With the optional Remote Relay Module, the Chillgard RT Monitor can provide discrete relay outputs on a per-channel basis when the unit's Multipoint Sequencer is used. Eight, sixteen or twenty-four relays can be used to signal Caution, Warning and Alarm conditions, as well as to activate horns, strobes or ventilation equipment.

Easy to install and maintain, the Chillgard RT Monitor has an easy to read display and complete operation is accomplished via a four-button membrane keypad. The monitor has three alarm levels that can be set up in latching/non-latching and normally energized modes for fail-safe operation.

The Chillgard RT Monitor is designed to detect over 40 of the most commonly used refrigerant gases. It can also be modified to detect other recently introduced refrigerants.

For more information on the **Chillgard RT Refrigerant Monitor**, request literature #07-2016, by dialing 1-800-MSA-4678, or contact your nearest MSA sales representative. To learn about MSA and our other high quality products, visit our web site at:

www.MSAnet.com

###