

# AMERFROST™ ELECTRONIC LEAK DETECTOR



## DESCRIPTION

The AMERFROST Electronic Leak Detector is a lightweight, handheld device capable for detecting refrigerant leaks as small as 7 grams per year. The unit detects all types of refrigerant like CFC, HCFC, HFC and HFO.

A high efficiency pump draws air into the sensing tip. The advanced electronic circuitry and low volume detector allow response time in seconds. The unit contains seven light emitting diodes that provide an indication of leak size.

## FEATURES

- Advanced electronic circuitry offering lightweight and fast response.
- Convenient handheld shape, easy to operate.
- Visual and audible signals indicate leak rate intensity.
- No need for hazardous open flames.
- Automatic self-calibration each time the unit is turned on.
- Operates on three 1.5 volt dry cell batteries (size C) included.
- Comes complete with spare sensing tip, water vapor filter, batteries and storage case.

## APPLICATIONS

The AMERFROST Electronic Leak Detector replaces older open flame-based detectors. It is no longer necessary to probe for leaks with an open-ended hose in one hand, while holding a butane flame in the other. This product is the rapid, simple way to identify leaks of all CFC, HCFC, and HFC refrigerants, as well as Halon systems, and any chemical compounds containing halogens (chloride, bromide, fluoride).

The AMERFROST Electronic Leak Detector has been classified by Underwriters Laboratories Inc. to intrinsic safety in Class 1 groups C and D hazardous locations.



## SPECIFICATIONS

Power Supply:	3V DC, 3C cell batteries (alkaline)
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Duty Cycle:	Continuous
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Battery Life:	Approximately 75 hours (alkaline-type batteries)
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Warm-Up Time:	Instantaneous
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Operating Temperature:	-18 to 60° C
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Weight:	0.5 Kg
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Shipping Weight, with Case:	1 Kg
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Unit Dimensions:	254mm x 59mm x 51mm (10 x 2.3 x 2 in.)
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Approvals:	CE, UL (intrinsically safe Class 1 groups C and D)
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## ORDERING INFORMATION

The AMERFROST Electronic Leak Detector is available in most larger worldwide Drew Marine service ports. Order PCN 0820028. Sensor life span is estimated to be 500 hrs. When it is time to replace, you could simply order spare sensor using PCN 0820036.

Rely on Drew Marine for all your refrigeration needs, including the new HFC-based refrigerants, as well as service equipment, such as charging manifolds, hoses and cylinder adapters.

Drew Marine supports the Montreal Protocol, the U.S. Clean Air Act of 1990 and all subsequent revisions and local restrictions.



Contact your Drew Marine representative for more information

Drew Marine maintains Safety Data Sheets on all of its products. These documents contain health and safety information for the development of appropriate product handling procedures to protect your employees. Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.



# **Drew Marine®**

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