

GENERAL[®]

Digital Refrigerant Leak Detector with Pump

The modern, electronic way to maintain mobile and stationary air conditioners, refrigerators, chillers and heat pumps. New proprietary semiconductor sensor detects many new ozone layer-friendly refrigerants approved under the U.S. EPA's Significant New Alternatives Policy (SNAP).

Features:

- Proprietary sensor with lifetime of >300 hours of operation (ten years' normal use)
- Detects all commercially available HFC, HFO, HC, HCFC, and CFC refrigerants
- Triple-redundant leak indication (loud fast beep, bright flashing LED, digital leak size reading)
- True electro-mechanical pump draws in samples, increasing sensitivity
- Sensitivity of 0.05 oz./year (1.4 g/year) to R-134a
- Automatic calibration and reset to ambient levels
- Three sensitivity levels
- Fast warmup
- Padded hard plastic case
- Garage-durable construction
- Leak test vial sampler
- Made in U.S.A.
- CE and ROHS approved



Keep your AC system running at peak efficiency



No. RLD400



Digital Refrigerant Leak Detector with Pump

Why look for refrigerant leaks?

There are three reasons to detect and repair leaks of refrigerant gases from stationary and mobile air conditioners, refrigeration systems and heat pumps:

1. Leaks allow air and moisture to enter an A/C system or chiller. Moisture can react with refrigerant to form corrosive acids and sludge that can damage a compressor, plug up orifice tubes, and/or eat pinholes in evaporators and condensers.
2. Refrigerant is expensive. It may seem cheaper to keep recharging your system with refrigerant than fix a leak—but it isn't in the long run. And A/C systems and chillers that aren't fully charged won't cool efficiently and thus waste money (electricity-powered systems) or fuel (vehicle systems).
3. Most refrigerants deplete the ozone layer that blocks the Sun's harmful ultraviolet radiation. In the U.S., the Clean Air Act of 1990 and later amendments require owners or operators of refrigeration and air-conditioning equipment with refrigerant charges greater than 50 pounds to repair leaks within 30 days when those leaks result in the loss of more than 15% (comfort cooling) or 35% (commercial cooling) of the charge over a 12-month period.

Specifications:

Refrigerants Detected:

R-134a, R-410a, R-404a, R-407c, R-507, CFC-12 (R-12 or Freon), R-22, R-290, R-441A, R-600a, R-1234yf

Sensitivities:

0.05 oz./yr (1.4 g/yr) to R-134a; 0.025 oz./yr (0.7g/yr) to R-22

Sensor Type: Proprietary solid electrolyte semiconductor

Warmup Time: 17-20 seconds

Display Type, Size: 7-segment red LED, 0.6 in. (15mm) high

Dimensions of Instrument:

6.8 x 2.6 x 2.2 in. (173 x 66 x 56mm) w/17 in. (432mm) probe

Weight of Instrument: 1.5 lb. (680g)

Complies with SAE Standards J2791 and J2913, European Standard EN14624 and ASHRAE 173-2012

Power Source: 4 "AA" batteries (included)

Battery Life: 5 hours continuous operation (typical)

Includes:

Leak Test Vial, (5) Spare Sensor Filters, Batteries, Hard Plastic Carrying Case, User's Manual, 2 Year Limited Warranty includes sensor



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Stopping refrigerant leaks improves gas mileage



2 Year Limited Warranty
ans de garantie limitée
años de garantía limitada



General Tools & Instruments

80 White Street, New York, NY 10013-3567

TEL: 212. 431. 6100 TOLL FREE: 800. 697. 8665

sales@generaltools.com www.generaltools.com

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