

Handheld Refrigerant Leak Detector

HHLT-2



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- ✓ Detects Commercially Available HFC, HFO, HC, HCFC and CFC Refrigerants Blends and Newly Approved Replacements Such as R-22 and R-1234yf
- ✓ Triple-Redundant Leak Indication
- ✓ True Mechanical Pump Draws in Samples, Increasing Sensitivity
- ✓ Sensitivity of 0.05 oz/year (1.4 g year) to R-134a
- ✓ Three Sensitivity Levels
- ✓ Fast Warmup

The HHLT-2 is designed with a long-lasting solid electrolyte semiconductor sensor can detect leaks of all commonly used halogenated (chlorine or fluorine-based) refrigerant gases. They include HFCs (hydrofluorocarbons), CFCs (chlorofluorocarbons) and HCFCs (hydrochlorofluorocarbons). Specifically, the instrument can detect:

- Widely used HFC refrigerants such as R-134a, R-410a, R-404a, R-407c and R-507
- CFC refrigerants such as CFC-12 (R-12)—commonly known as Freon
- HCFC replacement blends, such as R-22, approved by the U.S. EPA for complying with the stratospheric ozone protection provisions of the Clean Air Act
- R-1234yf, the newly approved hydrofluoroolefin (HFO) refrigerant with a global warming potential 335 times less than that of R-134a

Electronic Sensing is the Most Widely Used, Sensitive and Accurate Method of Refrigerant Leak Detection.

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.

To Order

Model No.	Description
HHLT-2	Handheld refrigerant leak tester

Comes complete with leak test vial, (4) "AA" batteries, five spare sensor filters, hard carrying case and operator's manual.