

ROBINAIR

Find leaks faster

New leak detectors



The Robinair LD7 Premium Refrigerant Leak Detector features a new color graphic display that highlights leak sizes in two unique ways. Bar graph mode shows the amount of refrigerant detected in the air and changes colors as the sensor gets closer to the leak.

Sweep mode allows the user to see the level of refrigerant detected in the air through a line graph that helps the user tracing back the exact source of the leak.

The LD7 also uses an audible alarm to alert technicians of a refrigerant leak, UV LED lights to locate leaks using UV dye and an inspection light for searching in dark locations.

The LD7 is compatible with most commonly used refrigerants today, including R134a and R1234yf, and is equipped with a stable, long life sensor. The LD7 meets all of the current industry leak detector standards. Uses 4 AA batteries, included.



MEETS SAE J2913 AND SAE J2791 ASHRAE 173-2012,
EN14624-2012 INDUSTRY STANDARDS

ROBINAIR.COM

NEW LEAK DETECTORS FROM ROBINAIR



LD3



LD5



LD7

LD3 **SP01500249**

- › Loud audible alert
- › Automatic calibration

LD5 **SP01500248**

- › Color display with graphics and visual alerts
- › Bar graph mode helps locate leaks faster
- › Loud audible alert
- › LED inspection lights
- › Automatic and manual calibration

LD7 **SP00500247**

- › Color display with graphics and visual alerts
- › Bar and Pinpoint graphing modes help locate leaks faster
- › Loud audible alert with mute option
- › UV and Clear LED inspection lights
- › Automatic and manual calibration

LD3 Features

- Long life, stable sensor
- Automatic calibration and reset to ambient
- 3 adjustable sensitivity levels
- Low battery indicator
- Efficient gas suction pump
- Uses 4 AA alkaline batteries
- Comfortable rubberized Santoprene handle grip

LD5 Features

- Unique color graphic LCD display
- Long life, stable sensor
- Automatic calibration and reset to ambient
- User friendly message and error screens
- High-intensity LED inspection light
- 3 adjustable sensitivity levels
- Low battery indicator
- Efficient gas suction pump
- Audio mute function
- Uses 4 AA alkaline batteries
- Comfortable rubberized Santoprene handle grip

LD7 Features

- Patented 3 LED UV lights with 395-415 nm; wavelength is optimum for a/c dye fluorescence
- Unique color graphic LCD display
- Long life, stable sensor
- Sweep mode function to pinpoint leak source
- Automatic calibration and reset to ambient
- User friendly message and error screens
- High-intensity LED inspection light
- 3 adjustable sensitivity levels
- Low battery indicator
- Efficient gas suction pump
- Audio mute function
- Uses 4 AA alkaline batteries
- Comfortable rubberized Santoprene handle grip

| Specifications | LD3 | LD5 | LD7 |
|--------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Sensitivity | 1.5 g/year R134a, 0.3 g/year R1234yf | 1.5 g/year R134a, 0.3 g/year R1234yf | 1.5 g/year R134a, 0.3 g/year R1234yf |
| UV Mode | – | – | 3 UV LEDs |
| UV Wave-length | – | – | 395-415 nanometers |
| Sensor Life | > 10 years | > 10 years | > 10 years |
| Response Time | Instantaneous | Instantaneous | Instantaneous |
| Power Supply | 4 AA alkaline batteries | 4 AA alkaline batteries | 4 AA alkaline batteries |
| Battery Life | 4 hours continuous | 4 hours continuous | 4 hours continuous |
| Warm up time | < 20 seconds | < 20 seconds | < 20 seconds |
| Alarm Near Sensor | – | – | Visual probe LED |
| LCD Display | – | 128 x 160 full color graphic display | 128 x 160 full color graphic display |
| Probe length | 43 cm | 43 cm | 43 cm |
| Weight, lbs | 680 g | 680 g | 680 g |