

# Ammonia Relief Line Gas Detector

Model LBW-50 RLV

**COOL AIR**  
INCORPORATED



**A rugged, dependable unit for continuous monitoring of ammonia refrigeration gas emergency vent line headers**

**Fast and accurate detection of overpressurized system or leaking relief valves.**

**Provides maximum protection of employees, equipment and product.**

**Designed for use with new or existing Central Supervisory Alarm Panel, or can be used alone.**

## Additional features:

- Affordable
- Dependable
- One year warranty
- Rugged, weatherproof enclosure (NEMA 4)
- High quality, UL listed components
- Virtually maintenance free
- Can be tied into existing security alarm system
- Easy to adjust calibration
- Sensitivity adjustable from 25 ppm to 800 ppm



Typical installation: Ammonia Relief Line Gas Detector and remote ammonia leak detectors connected to Digital Central Supervisory Alarm Panel



LBW-50RLV



LBW-420



LBW-50

# Ammonia Relief Line Gas Detector

## Description

Housed in a durable, weatherproof enclosure (NEMA 4 rated), the Ammonia Relief Line Gas Detector provides reliable detection of refrigeration system overpressure or relief valve leakage.

The unit contains a voltage stabilized amplifier circuit which enables detection of ammonia gas in the ammonia emergency relief line. Sensor trip point is adjustable from 25 ppm to 800 ppm.

18 gauge, 6 conductor wire, 2 wires for power and 4 wires for control signals. Available in 115/230 VAC, 50/60 Hz, or 16 VAC if you use the Central Supervisory Control Panel. Connect all wires to factory wired terminal strip.

## Specifications

**Size:** 4-1/8"H x 6-7/8"W x 5-1/4"D.

**Weight:** 4 lbs.

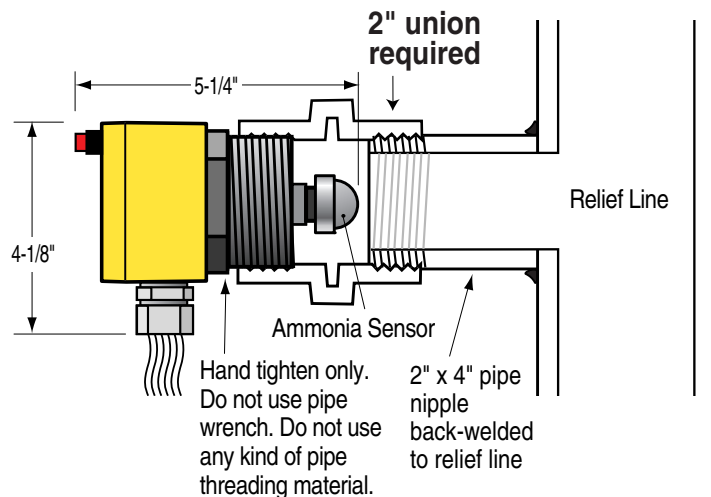
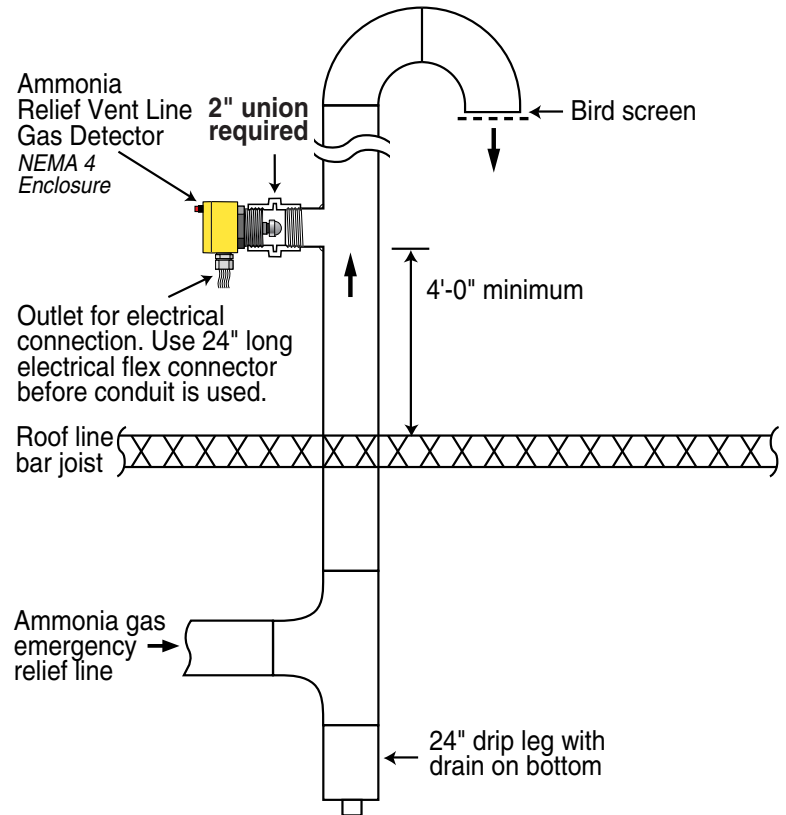
**Power input:** 115/230 VAC, 50/60 Hz, or 16 VAC.

**Sensitivity:** as determined by trip point settings at remote detectors, adjustable from 25 ppm to 800 ppm concentration of NH<sub>3</sub>. Early warning alarm trip point at remote detectors is set at 25 ppm (not adjustable).

## Warranty

12 months warranty on workmanship from time of sale.

Cool Air Incorporated reserves the right to make changes in the design of this unit without notification.



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