

Suggested Specifications Text

Ammonia (NH₃) Vapor Detector System

Provide ammonia leak detector(s), model LBW-50, as manufactured by Cool Air Incorporated, Ham Lake, Minnesota. Ammonia leak detector(s) shall be wall-mounted and have a solid-state instrument panel and sensor capable of sensing ammonia refrigerant concentrations of 25 to 800 parts per million {PPM}. A field adjustable range beginning at 25 parts per million. Detector(s) shall not contain radioactive substances. Detector(s) shall also have: an early warning alarm system, front-panel LED indication providing ammonia concentration and contacts for operating auxiliary equipment, and a service mode for avoiding nuisance alarms during testing or calibration. Detector(s) shall be capable of initiating a supervised alarm, resulting in corrective action. Optional back-up battery, remote ammonia sensor, remote alarm light & horn unit, and ABS washdown/utility tube shall be available from the detector manufacturer. 115 or 230 VAC, 50/60 Hz, 16 VAC, or 24 VDC shall be provided for each detector.