

Suggested Specifications Text

Ammonia (NH₃) Vapor Detector System

Provide ammonia leak detector(s), model LBW-420, as manufactured by Cool Air Incorporated, Ham Lake, Minnesota. Ammonia leak detector shall be wall-mounted and have a solid-state instrument panel and sensor capable of sensing ammonia refrigerant concentrations of 25 to 1000 parts per million (PPM), the LED digital readout beginning at 25 PPM. Detector shall not contain radioactive substances. The detector shall have six selectable ranges of: 0-100, 0-250, 0-400 (default setting), 0-500, 0-800, or 0-1000 PPM. Detector shall also have: an early warning system, a front-panel digital readout providing ammonia concentration and temperature, programmable early warning and alarm set points, a 4-20 mA analog output, contacts for operating auxiliary equipment, and a service mode for avoiding nuisance alarms during testing or calibration. Detector shall be capable of initiating a supervised alarm, resulting in corrective action. Optional high-low temperature sensor, back-up battery, remote ammonia sensor, remote alarm light & horn unit, and ABS washdown/utility tube shall be available from the detector manufacturer. Power supply shall be 115/230 VAC, 50/60 Hz, or 24 VDC.