

INSTALLATION:

- Mount the gas detector on or near the ceiling where the gas is most likely to concentrate. Ammonia in normal air conditions is lighter than air and will rise as high as it can.
- Typically one gas detector covers approx. 465 m² / 5,000 ft² (varies on size of room and location of equipment).

BUMP TESTING:

- Monthly bump tests should be part of the maintenance plan of the system. If a bump test fails, do a full calibration.

CALIBRATION:

- Should be done every 6 months, at minimum.

WARNING:

- Constant exposure to high levels of Ammonia or even one very high concentration event can poison the sensor and render it useless.

APPLICATIONS:

- Chiller Rooms
- Ice Arenas
- Chemical Storage Rooms
- Food Processing and Storage Plants

AMMONIA

GAS DETECTION

- 24 hour continuous monitoring of Ammonia (NH₃)
- Visual and audible alarm response on or at 25 ppm
- Visual display of gas level readings outside the room
- Automatic triggering of the ventilation system
- Shut off equipment from outside the chiller room

PRODUCTS



cGas Detector Analog or Digital Transmitter

- 0 - 500 ppm or 0 - 3% Vol sensor range
- 4 - 20 mA or voltage output, 3-wire VDC or 4-wire VAC, or Modbus® RS-485 or BACnet® MS/TP output, 4-wire VAC/VDC
- Options: Relay, Low Temp Operation, Splash Guard



cGas Detector Ammonia Vent Line Transmitter

- 0 - 3.00% vol / 30,000 ppm sensor range
- 4 - 20 mA or voltage output, 3-wire VDC or 4-wire VAC, or Modbus® RS-485 or BACnet® MS/TP output, 4-wire VAC/VDC
- Low temperature operation
- Options: Relay



CXT2 Explosion Proof Transmitter

- 0 - 500 ppm sensor range
- 4 - 20 mA or voltage or Modbus® RS-485 output with three 5A relays
- Remote sensor mount up to 4,000 ft / 1,219 m
- Low temperature operation



FCS Multi Channel System Controllers

- Four 5A relays, audible alarm, resistive touch LCD colour display, extensive menu, priorities zoning and logic control, data logging, optional top mounted strobe and manual switch
- Modbus® RS-485 output or BACnet® MS/TP output for communication with a Building Automation System (BAS)
- 90 - 240 AC line voltage power supply
- Connect a Remote Display Module for readings from secondary locations



SAFER AIR EVERYWHERE.