

REFRIGERANT MONITORING SYSTEM

General

Provide a refrigerant monitoring system in accordance with ASHRAE 15-1994.

Designer to select either remote sensing (CHILLGARD-RT) or point of use sensing (CHILLGARD-L Series) system for refrigerant monitoring and alarm.

Designer to provide a system of fans and dampers to sweep the room with fresh air and exhaust to clear the room of refrigerant.

Designer to verify numbers of doors and lights required.

The supply, exhaust fans and related dampers shall be activated through hard wiring from the refrigeration monitor control panel. Provide an input to DDC system to indicate alarm condition.

No SCBA is required since U-M has a 24/7 emergency response team with trained personnel properly fitted for SCBA.

If any of the fans are driven by VSD, same shall be equipped with a bypass. Hardwire VSD to go into full speed on alarm condition.

12/06/02 9:00 AM