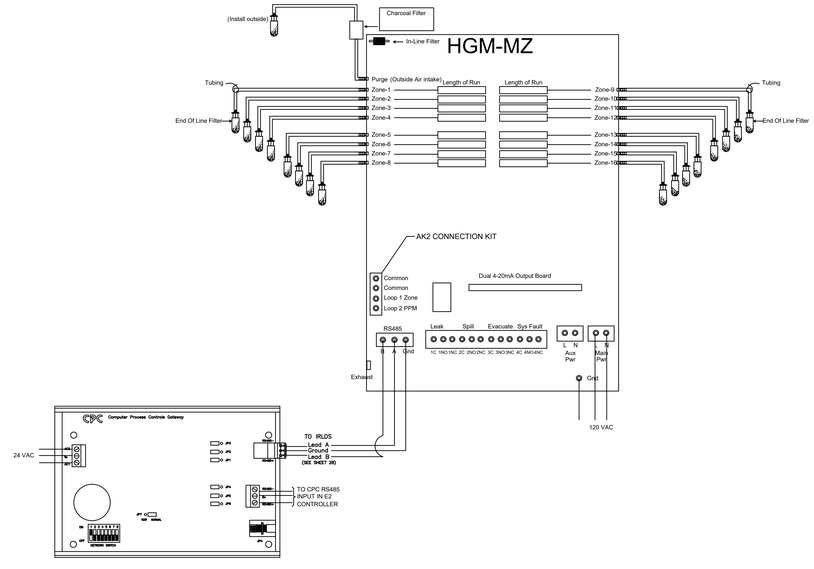
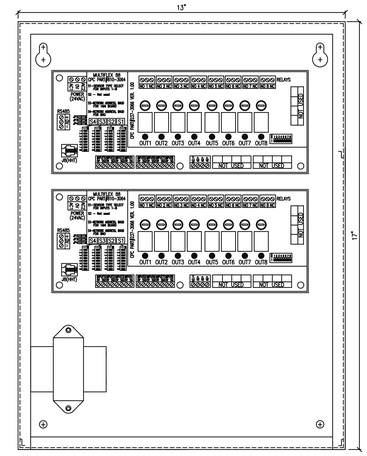


1 REFRIGERANT LEAK DETECTION UNIT - HGM MZ — SCALE: NONE

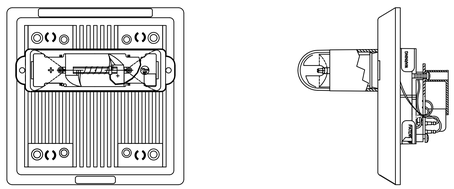
NOTE:

1. INSTALL ENCLOSURE ON A VIBRATION FREE SURFACE, MARK HOLE LOCATIONS. USE APPROPRIATE HARDWARE FOR MOUNTING TO STRUCTURE.
2. FOLLOW ALL NATIONAL AND LOCAL ELECTRICAL CODES WHEN INSTALLING.
3. WHEN INSERTING WIRING, BE SURE HIGH AND LOW VOLTAGE ARE KEEP ISOLATED.
4. ALL REMOVED KNOCKOUTS MUST HAVE CONDUIT FITTINGS INSTALLED.

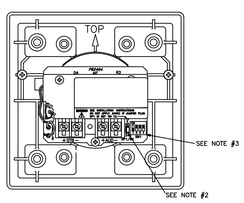
REFRIGERANT LEAK DETECTION CONTROL PANEL:
- ONE (1) ENCLOSURE (INSTALLER SUPPLIED & MOUNTED)
- CPC POWER SUPPLY (INSTALLER MOUNTED)
- TWO (2) 8AI/8RO COMBO BOARD (INSTALLER MOUNTED)

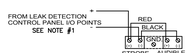


2 CONTROL SYSTEM - DANFOSS LEAK DETECTION CONTROL PANEL — SCALE: NONE



COOPER MTWPB-2475W-NW

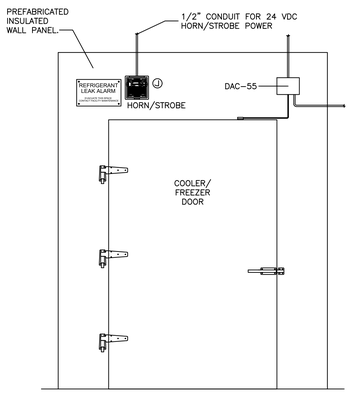




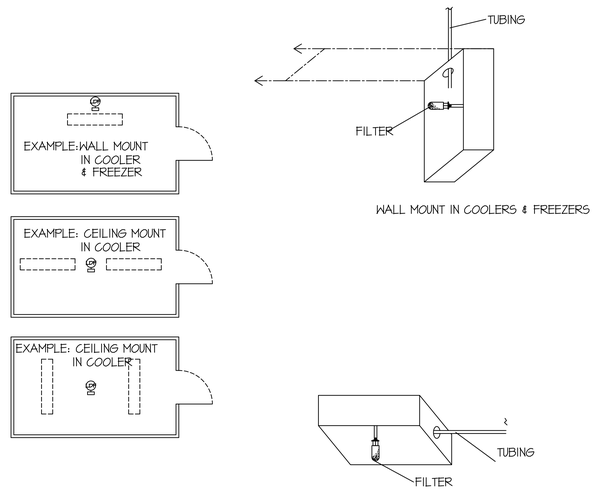
NOTES:
1. HORN & STROBE CONTACTS CONTROLLED BY SAME RELAY POINT.
2. DP 1 SET TO 24 VDC.
3. SW1 SET TO DOWN.
   SW2 SET TO UP.
   SW3 SET TO UP.
   SW4 SET TO UP.

3 CONTROL SYSTEM - REFRIGERANT LEAK HORN & STROBE DETAIL

EXAMPLE REFRIGERANT LEAK ALARM SIGN.
-LOCATE NEXT TO LEAK DETECTOR / ALARM
-PLASTIC SIGN 10" HIGH X 8" WIDE
-BLUE BACKGROUND WITH WHITE ENGRAVED LETTERING
-FOUR MOUNTING LOCATIONS



4 CONTROL SYSTEM - REFRIGERANT LEAK HORN/STROBE MOUNTING DETAIL



WALL MOUNT IN COOLERS & FREEZERS

CEILING MOUNT IN COOLERS

COLUMN MOUNT ON SALES FLOOR

NOTE:
- USE SPECIAL WASHDOWN J-BOX (OWNER SUPPLIED) TO MOUNT FILTER END FOR ZONES IN PREP AREAS, DAIRY COOLER AND OUTDOOR PURGE ZONE.
- WHERE DAMAGE TO FILTER END MAY OCCUR, REMOVE THE J-BOX KNOCKOUTS AND INSTALL COVERPLATE.
-FREEZERS TO UTILIZE WALL MOUNT LOCATION.
-COOLERS AND PREP ROOMS TO UTILIZE WALL MOUNT OR CEILING MOUNT DEPENDING ON COIL CONFIGURATION.
-SALES FLOOR ZONES TO UTILIZE THE COLUMN MOUNT.

THIS SHEET FOR REFERENCE ONLY
SEE PLANS FOR REQUIREMENTS SPECIFIC TO THIS PROJECT

5 CONTROL SYSTEM - REFRIGERANT LEAK DETECTION FILTER MOUNTING / INSTALL DETAIL — SCALE: NONE

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4-5-2021
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A REMODEL FOR:
KROGER R-334
1980 RIO HILL CENTER CHARLOTTESVILLE, VA

PROJECT INFO

4-5-2021
DATE
CONSTRUCTION SET

CPC CONTROLS INSTALLATION TEMPLATE
SHEET TITLE

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NO: 20516
CAD DWG FILE: R-334EM3
DRAWN BY: WSM
CHK'D BY: HCK

EM3
SHEET NO.