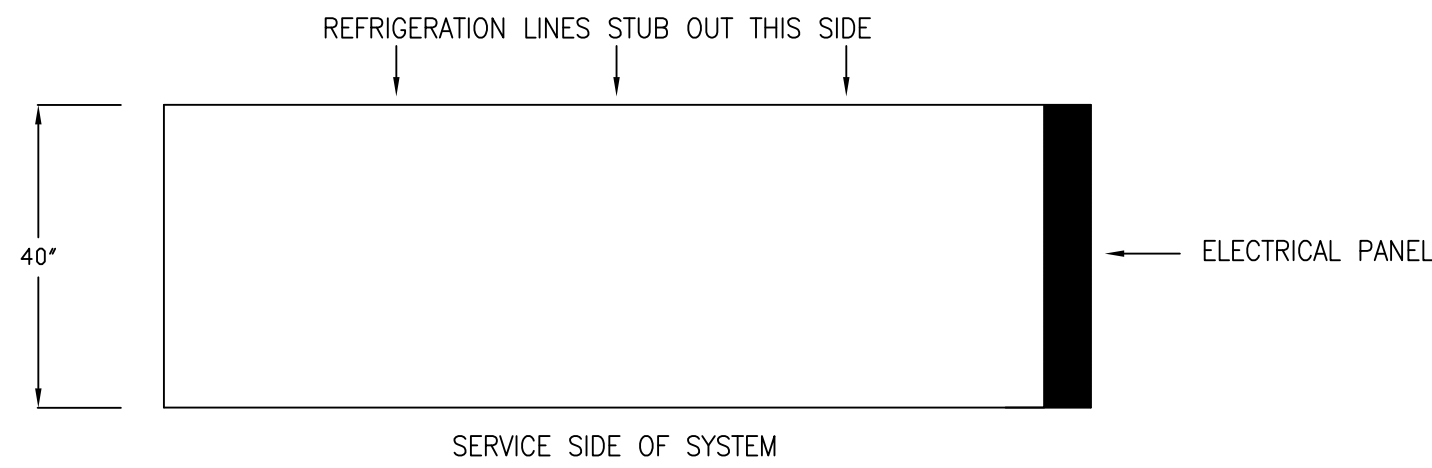
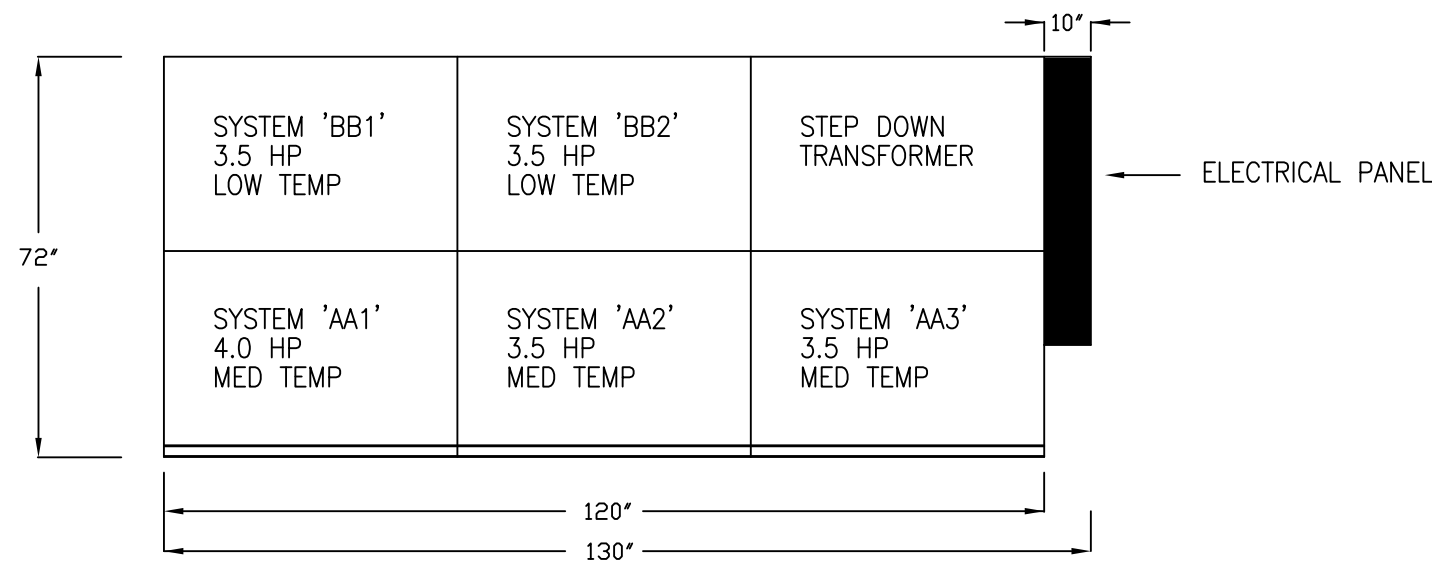


MODEL #: ADR-10D-RC

PLAN VIEW



FRONT VIEW

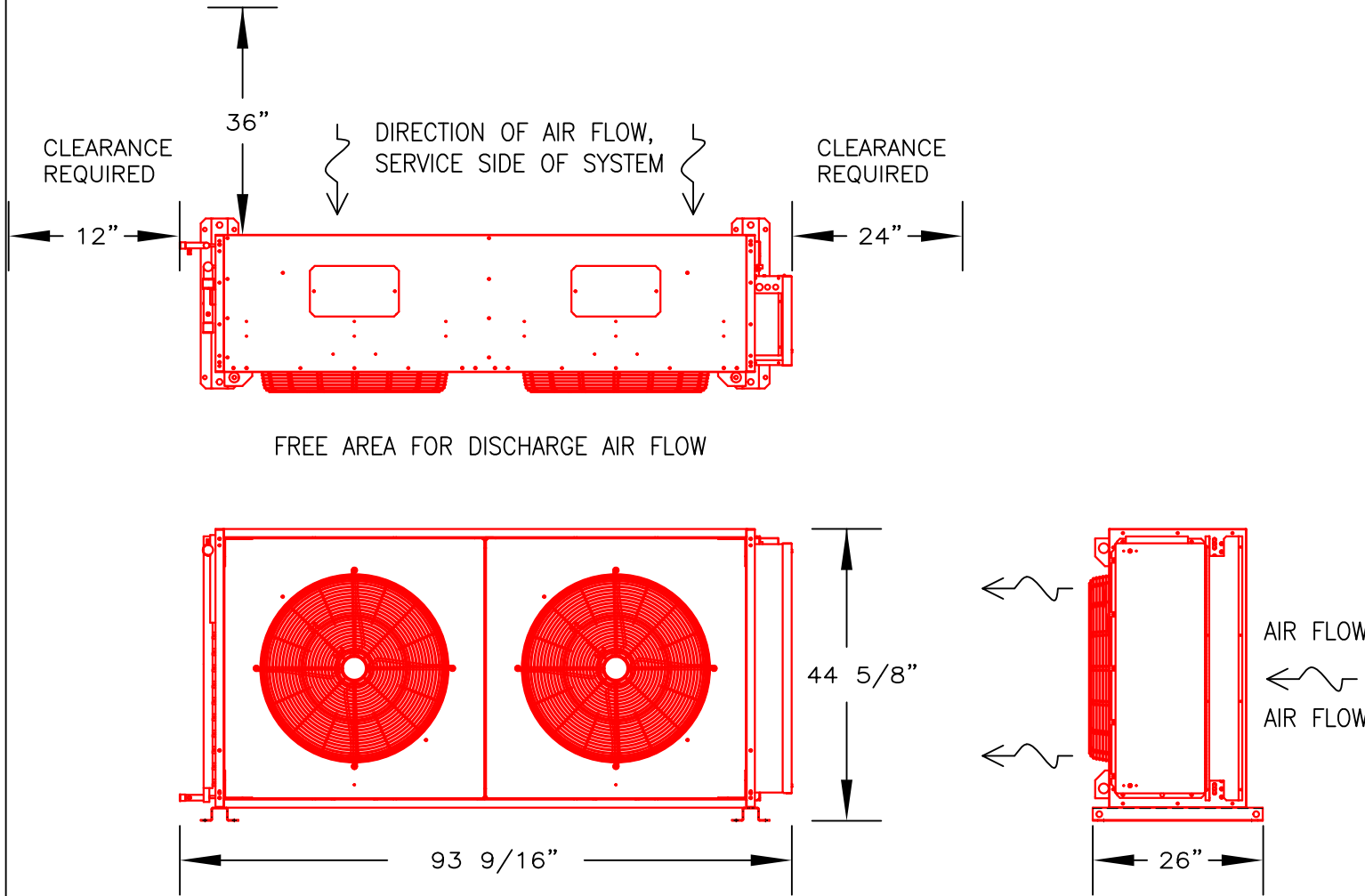


NOTES:

THIS IS AN INDOOR SYSTEM WITH AN OPEN FRAME AND A REMOTE AIR-COOLED CONDENSER. SYSTEM WEIGHT: 3,800 LBS

REMOTE AIR-COOLED CONDENSER

MODEL #: KCM024-T4A-AH



NOTES:

THIS SYSTEM IS INDOOR AIR COOLED CONDENSER. SYSTEM WILL DISCHARGE 218,215 BTU/H INTO MECH. ROOM TOTAL VENTILATION REQUIRED: 12,800 CFM POWER SUPPLY: 460 VOLT, 3 PHASE, 2.6 AMPS, 15 AMP MAX FUSE CONDENSER WEIGHT: 500 LBS

ENGINEERING SUMMARY

POWER SUPPLY: 460V/3PH/60HZ FUSE SIZE: 75 AMPS MINIMUM AMPACITY=60.80 AMPS

IDENT.		FIXTURES		COMPRESSORS										EVAPORATOR COILS										LINE SIZES **			DEFROST OPTION NO.
SYSTEM	ITEM	DESCRIPTION	FIXT.	F	SUCT.	REFRIG. R -	MODEL NO.	H.P.	ELECTRICAL CHARACTERISTIC AT 60 HZ.				CAPACITY	DEFROST	QUANTITY	MODEL NO.	FAN 1 PH		HEATER			TOTAL UNIT AMP. [RLA]	SUCTION	DISCH.	LIQUID		
									RLA	V	PH	AMP					V	PH									
AA1		MEDIUM TEMPERATURE		20	404A	ZS45K4E	4.0	21.5	208	3	44.1	0									21.5						
AA2		PARALLEL SCROLL		20	404A	ZS38K4E	3.5	19.2	208	3	36.8	0									19.2		HEADER AT RACK				
AA3		COMPRESSORS		20	404A	ZS38K4E	3.5	19.2	208	3	36.8	0									19.2						
A1	A16	2 SECT. REF. BASE	35													BY OTHERS											
A2	A33	2 SECT. REF. BASE	35													BY OTHERS											
A3	A51	4 SECT. REF. BASE	35													BY OTHERS											
A4	A52	1 SECT. REF. BASE	35													BY OTHERS											
A5	A55	PROTEIN COOLER	35										1			KLP209MA	2.0	115									
A6	A57	VEG / DAIRY COOLER	35										1			KLP214MA	2.0	115									
A7	A63	WALK-IN COOLER	35													KLP107MA	1.0	115									
A8	A67	BEER COOLER	35										1			KLP209MA	2.0	115									
A9	B31	2 SECT. REF. BASE	35													BY OTHERS											
A10	B31	1 SECT. REF. BASE	35													BY OTHERS											
A11	B31	2 SECT. REF. BASE	35													BY OTHERS											
A12	B37	2 SECT. REF. BASE W/RAIL	35													BY OTHERS											
A13	B10B	2 DR BACK BAR REF.	35													BY OTHERS											
A14	B10B	2 DR BACK BAR REF.	35													BY OTHERS											
A15	B10B	2 DR BACK BAR REF.	35													BY OTHERS											
A16	B125	2 SECT. REF. BASE	35													BY OTHERS											
A17	B143	2 SECT. REF. BASE	35													BY OTHERS											
A18	B143	2 SECT. REF. BASE	35													BY OTHERS											
A19	B143	2 SECT. REF. BASE	35													BY OTHERS											
A20	C1	DAY BOX COOLER	35										1			KLP209MA	2.0	115									
A21	C3	2 SECT. REF. BASE	35													BY OTHERS											
A22	C19	4 SECT. REF. BASE W/RAIL	35													BY OTHERS											
A23	C28	3 SECT. REF. BASE	35													BY OTHERS											
A24	C35	1 SECT. REF. BASE	35													BY OTHERS											
A25	C35	2 SECT. REF. BASE	35													BY OTHERS											
A26	C35	2 SECT. REF. BASE	35													BY OTHERS											
A27	C25	2 DR. TRAULSEN REACH-IN	35													BY OTHERS											
A28	C25	2 DR. TRAULSEN REACH-IN	35													BY OTHERS											
A29	C25	2 DR. TRAULSEN REACH-IN	35													BY OTHERS											
A30	C56	1 SECT. REF. BASE	35													BY OTHERS											
A31	C84	3 SECT. REF. BASE	35													BY OTHERS											
A32	C123	2 DR. BACK BAR REF.	35													BY OTHERS											
A33	C123	2 DR. BACK BAR REF.	35													BY OTHERS											
A34	C123	2 DR. BACK BAR REF.	35													BY OTHERS											
A35	C123	2 DR. BACK BAR REF.	35													BY OTHERS											
A36	C132	WINE ROOM	40										1			KLP209MA	2.0	115									
A37	C19	1 SECT. REF. BASE	35													BY OTHERS											
BB1		LOW TEMPERATURE PARALLEL	-20		404A	ZF11K4E	3.5	14.2	208	3	12.5										12.2		HEADER AT RACK				
BB2		SCROLL COMPRESSORS	-20		404A	ZF11K4E	3.5	14.2	208	3	12.5										12.2						
B1	A56	WALK-IN FREEZER	-10										E	1		KLP211LE	1.2	208	8.2	208	1				ED		
B2	A16	2 SECT. FREEZER BASE	0													BY OTHERS											
B3	A37	2 SECT FREEZER BASE	0													BY OTHERS											
B4	B31	1 SECT. FREEZER BASE	0													BY OTHERS											
B5	B31	1 SECT FREEZER BASE	0													BY OTHERS											
B6	C28	2 SECT. FREEZER BASE	0													BY OTHERS											
B7	C26	1/2 DR TRAULSEN FREEZER	0													BY OTHERS											
B8	C84	2 SECT FREEZER BASE	0													BY OTHERS											
INCLUDES STEP DOWN TRANSFORMER FROM 480 TO 208V/3PH/60HZ																											
LEGEND * O — OFF CYCLE E — ELECTRIC G — GRAVITY [W/TIMER]																											
E — DEFROST CLOCK BY FIXTURE MANUFACTURER																											
** VERIFY LINE SIZES WITH JOB SITE CONDITIONS																											

NOTE:

SYSTEM SHALL BE ETL LISTED CONFORMS TO UL STD 1995

- ALL COMPRESSORS AND CONDENSER CIRCUITS ARE SIZED TO OPERATE AT 95° F AMBIENT AIR TEMPERATURE
- ALL WALK-IN EVAPORATOR COILS SUPPLIED WITH ECM MOTORS AND PATENTED "SMART SPEED TECHNOLOGY" WITH 2 - SPEED MOTORS
- ALL EVAPORATOR COILS ARE SUPPLIED WITH MATCHING THERMOSTATS, SOLENOID VALVES, AND EXPANSION VALVES, FACTORY INSTALLED
- ALL EVAPORATOR COILS "BY OTHERS" MUST BE SUPPLIED WITH THERMOSTATS, SOLENOID VALVES, AND EXPANSION VALVES, FACTORY INSTALLED

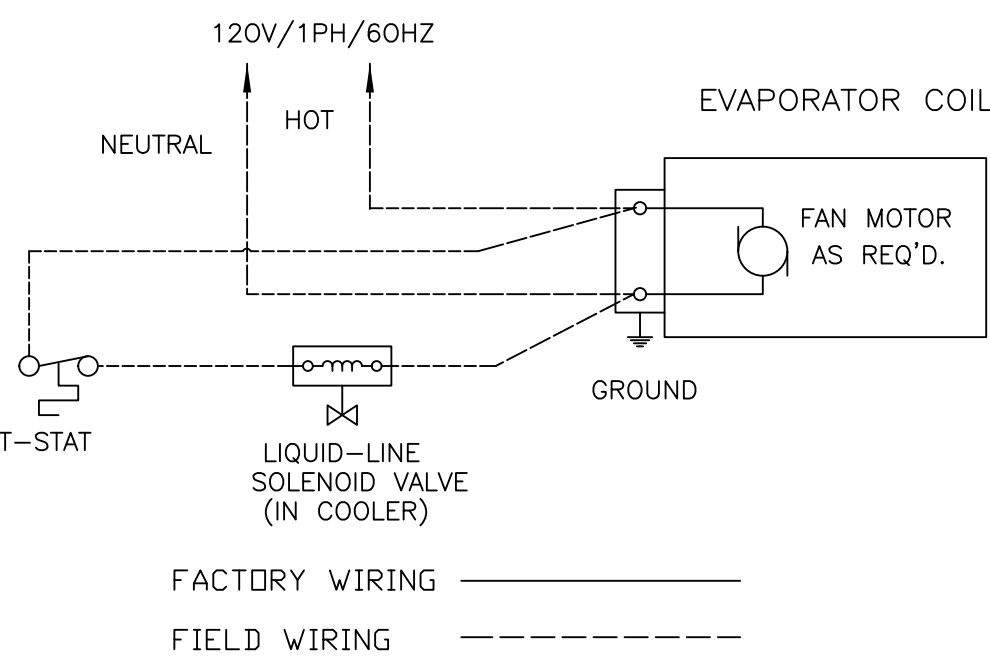
GENERAL NOTES

- GENERAL CONTRACTOR
 - CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND COORDINATE WITH OTHER TRADES.
 - GENERAL CONTRACTOR SHALL PREPARE AND WEATHER PROOF THE PLATFORM AND CURBED OPENINGS.
- REFRIGERATION CONTRACTOR
 - THE COMPLETE SYSTEM SHALL BE EVACUATED WITH VACUUM PUMP.
 - ALL COPPER TUBING TO BE REFRIGERANT GRADE A.C.R. OR TYPE "L".
 - CHARGE, TEST AND ADJUST EACH UNIT TO BE IN AN OPERATIONAL SYSTEM.
 - SILVER SOLDER AND/OR SIL-FOS SHALL BE USED FOR ALL REFRIGERANT PIPING. SOFT SOLDER IS NOT ACCEPTABLE.
 - ALL PIPING TO BE PRESSURE TESTED WITH NITROGEN AT 300 PSI. AFTER THE CONDENSING UNIT AND COIL HAVE BEEN CONNECTED, THE BALANCE OF THE SYSTEM SHALL BE LEAK TESTED WITH ALL VALVES OPEN.
 - REFRIGERATION CONTRACTOR TO PROVIDE AND INSTALL DRAIN LINE HEATER IN FREEZER TO BE CONNECTED BY ELECTRICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR
 - ELECTRICAL CONTRACTOR TO CONNECT DRAIN-LINE HEATER IN FREEZER.
 - ELECTRICAL CONTRACTOR TO PROVIDE POWER FOR REFRIGERATION PACKAGE AND CONNECT CONTROL AND DEFROST SYSTEM AS CALLED FOR IN THE WIRING DIAGRAM.
 - ELECTRICAL CONTRACTOR TO PROVIDE COLOR CODED SERVICE FROM THE TIME CLOCK AT THE REFRIGERATION PACKAGE TO THE EVAPORATOR IN THE FIXTURE FOR DEFROST.
 - ALL ELECTRICAL WIRING AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE WIRING DIAGRAM AND LOCAL CODES.
- PLUMBING CONTRACTOR
 - PLUMBING CONTRACTOR TO PROVIDE HARD A.C.R. OR TYPE "L" COPPER DRAIN LINES FOR WALK-IN REFRIGERATION AND FREEZER, PITCHED 1/2" PER FOOT OF RUN. IN FREEZER, UNHEATED DRAIN LINE MUST BE OUTSIDE OF INSULATION TO PREVENT FREEZING. TRAP DRAIN LINE OUTSIDE OF REFRIGERATED SPACE TO A VOID ENTRANCE OF WARM AND MOIST AIR.
 - PLUMBING CONTRACTOR TO PROVIDE INDIVIDUAL DRAIN LINE FOR EACH EVAPORATOR UNLESS OTHERWISE CALLED FOR.
 - ALL PLUMBING INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL CODES.

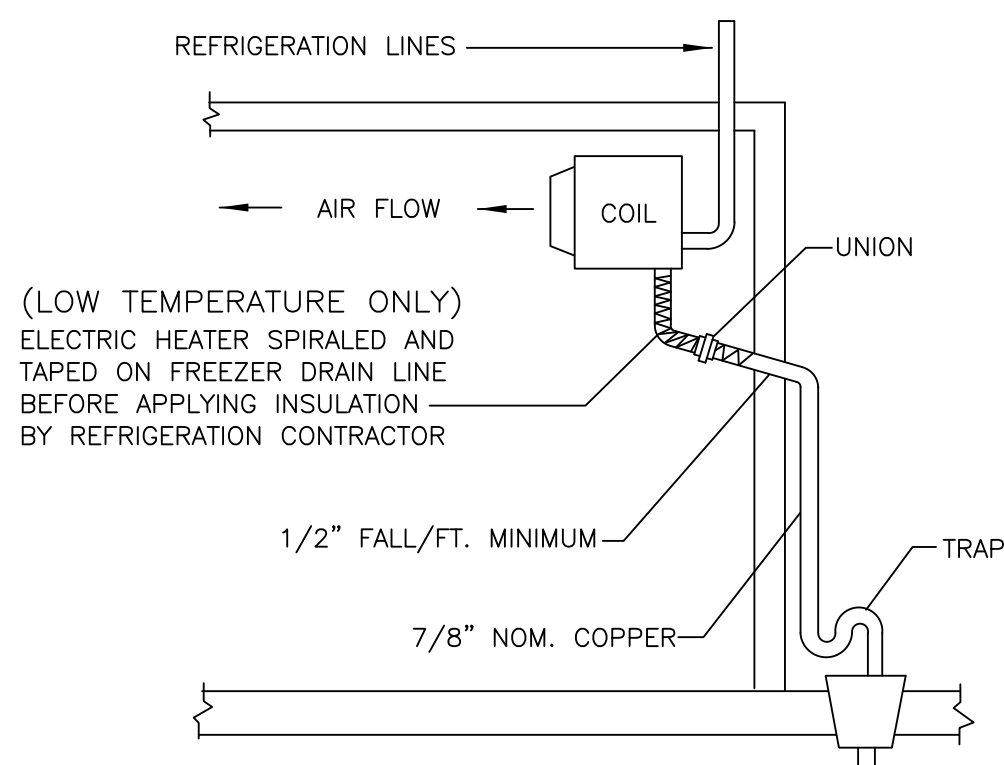
REFRIGERATION NOTES

- REFRIGERATION SYSTEM:
 - THE REFRIGERATION SYSTEM SHALL BE AN ADR REFRIGERATION MODEL # ADR-10D, ETL LISTED AS PER UL STANDARD 1995 AND CERTIFIED TO CSA STANDARD C22.2 NO. 236 AS MANUFACTURED BY ADMIRAL REFRIGERATION INC. 28310 AVENUE CROCKER, SUITE 'C', VALENCIA, CA 91355. PH: # (562) 941-2100.
- FRAME:
 - THE FRAME SHALL CONSTRUCTED OF 14 GA. GALVANIZED METAL AND SHALL BE CLEANED AND PAINTED FOR PROTECTION FROM CORROSION.
- COMPRESSOR MOTOR AND COMPONENTS:
 - THE SYSTEM SHALL BE EQUIPPED WITH SCROLL, SEMI-HERMETIC AND HERMETIC COMPRESSORS. EACH COMPRESSOR SHALL BE PRE-PIPED BUT NOT LIMITED TO FILTER DRIER, SIGHT GLASS, HEAD PRESSURE CONTROL DEVICE, DUAL PRESSURE CONTROL AND VIBRATION ELIMINATORS (FOR SEMI-HERMETIC) WHICH IS FACTORY ASSEMBLED AND PRESSURE TESTED. EACH COMPRESSOR SHALL INCLUDE A CRANKCASE HEATER FOR LOW AMBIENT PROTECTION. LOW TEMPERATURE (FREEZER) SYSTEMS SHALL BE EQUIPPED WITH ELECTRIC DEFROST TIME CLOCKS TO BE FIELD SET ON START UP OF THE SYSTEM.
- CONDENSER:
 - THE CONDENSER SHALL BE MULTI-CIRCUITED WITH 3/8" RIFFLE TUBING, EACH CIRCUIT SIZING TO OPERATE AT A DESIGN TEMPERATURE CONDITION WITH A 20°F MAXIMUM TEMPERATURE DIFFERENCE ACROSS THE CONDENSER SURFACE. THE CONDENSER SHALL HAVE FREE AIR MOVEMENT WITH NO STATIC PRESSURE EXCEPT FOR THAT CAUSED BY THE FINNED SURFACES. 100% OF ALL CONDENSER AIR SHALL BE DIRECTED OVER THE COMPRESSOR BODIES.
- ELECTRICAL COMPONENTS:
 - THE SYSTEM SHALL HAVE A FACTORY MOUNTED RECESSED, PRE-WIRED, WEATHER RATED ETL LISTED ELECTRICAL CONTROL PANEL WITH MAIN DISCONNECT FOR A SINGLE POINT ELECTRICAL CONNECTION BY THE ELECTRICAL CONTRACTOR. ELECTRICAL COMPONENTS SHALL INCLUDE BUT NOT LIMITED TO COMPRESSORS, TIME CLOCKS, CIRCUIT BREAKERS, CONTACTORS, RELAYS, FAN MOTORS AND OTHER CONTROLS OR COMPONENTS DEEMED NECESSARY FOR OPERATION OF THE SYSTEM.
- REFRIGERATION LINES:
 - REFRIGERATION LINES SHALL BE A.C.R. GRADE TYPE "L" AND BE PRE-PIPED AND EXTENDED IN A NEAT AND ORDERLY MANNER TO ONE SIDE OF THE SYSTEM FOR A SINGLE-POINT CONNECTION. ALL PIPING SHALL BE ANCHORED AND SECURED WITH UNISTRUT CLAMPS. EACH SYSTEM SHALL BE PRESSURIZED, CHECKED, TESTED AND SHIPPED WITH DRY NITROGEN.

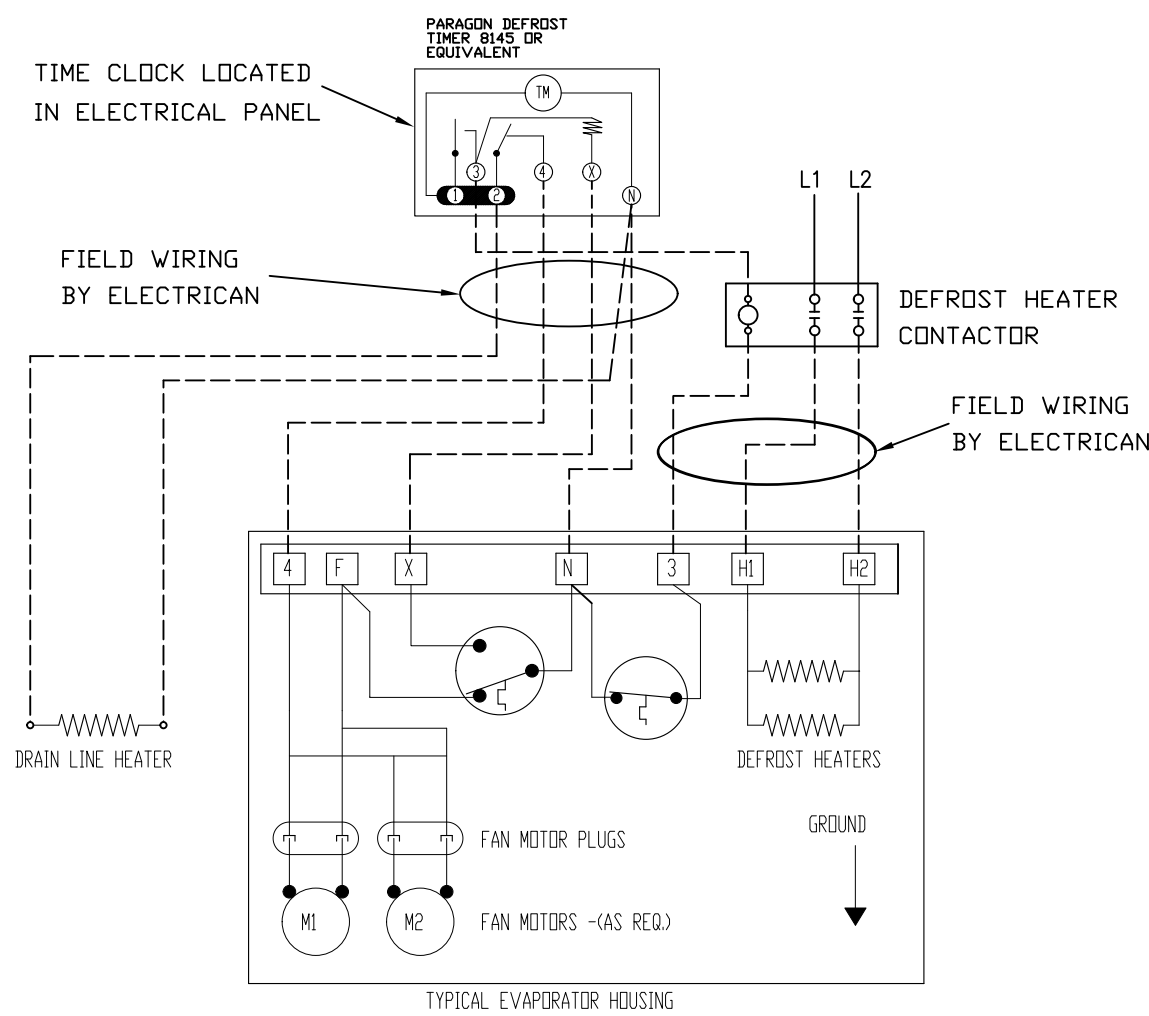
TYPICAL WIRING DIAGRAM FOR 120V FAN MOTORS



DRAIN LINE DETAIL



'ED' — ELECTRIC DEFROST WIRING



FACTORY WIRING
FIELD WIRING

GENERAL NOTES

"AS BUILT"
10.20.17

# 1	REVISED TO 460 VOLT POWER AND ADDED REMOTE AIR-COOLED CONDENSER, REVISED FRAME WIDTH TO 40"	12.27.16
# 2	DELETED ITEM C26 FROM MED TEMP SYSTEM, REVISED C26 ON LOW TEMP SYSTEM TO 1 DR.	1.7.17
# 3	ADDED ITEM A63 AND CLEARANCE REQUIREMENTS FOR REMOTE AIR-COOLED CONDENSER	1.13.17
# 4	ADDED SYSTEM A37, ITEM # C-19	1.26.17
# 5	REVISED BOX TEMP & EVAPORATOR FOR SYSTEM A36, ITEM 132	8.28.17
REV	DESCRIPTION	DATE



20867 Alaminos Dr.
Saugus, CA 91350
Ph: (562) 941-2100

Project Name and Address
REFRIGERATION PLAN

NOMAD HOTEL
LOS ANGELES, CA.

NOT DRAWN TO SCALE

DRAWING NUMBER 16-1036	JOB NUMBER
DATE 11-10-16	SHEET NUMBER R-1
DRAWN BY A.C.	