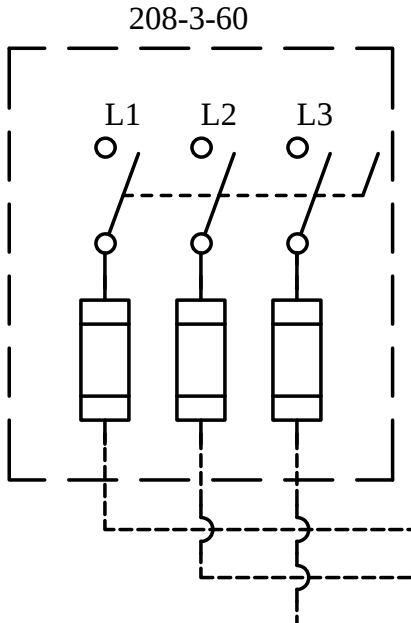
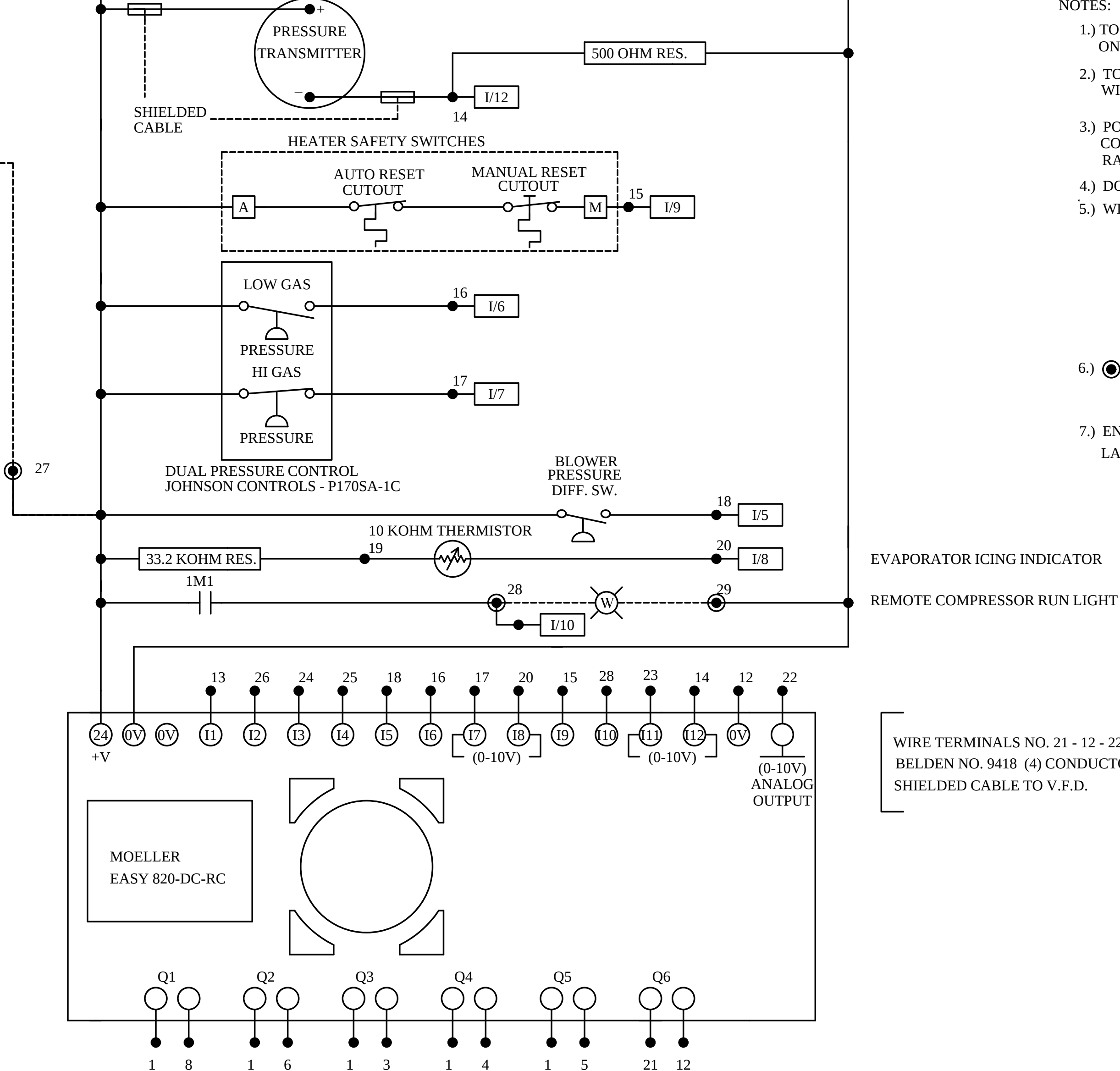
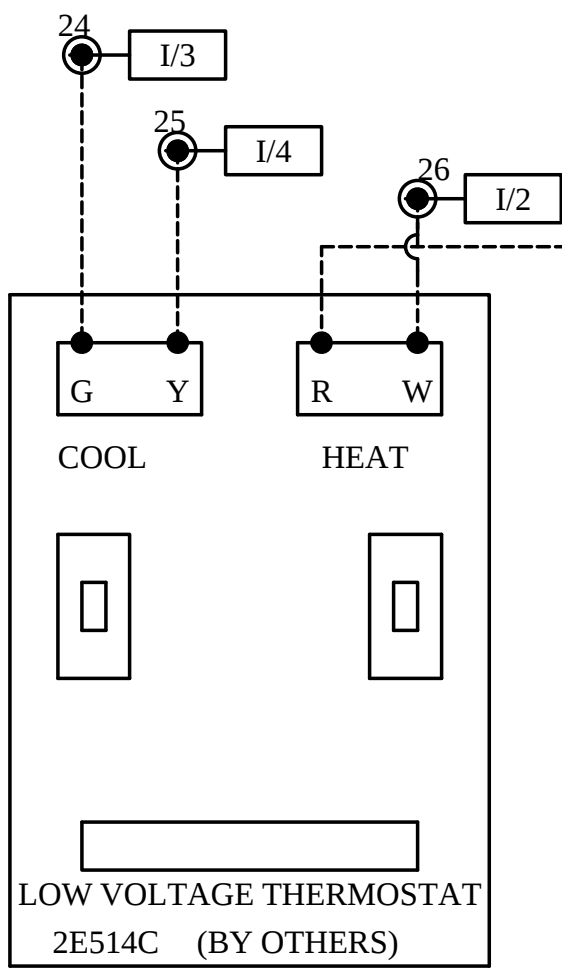
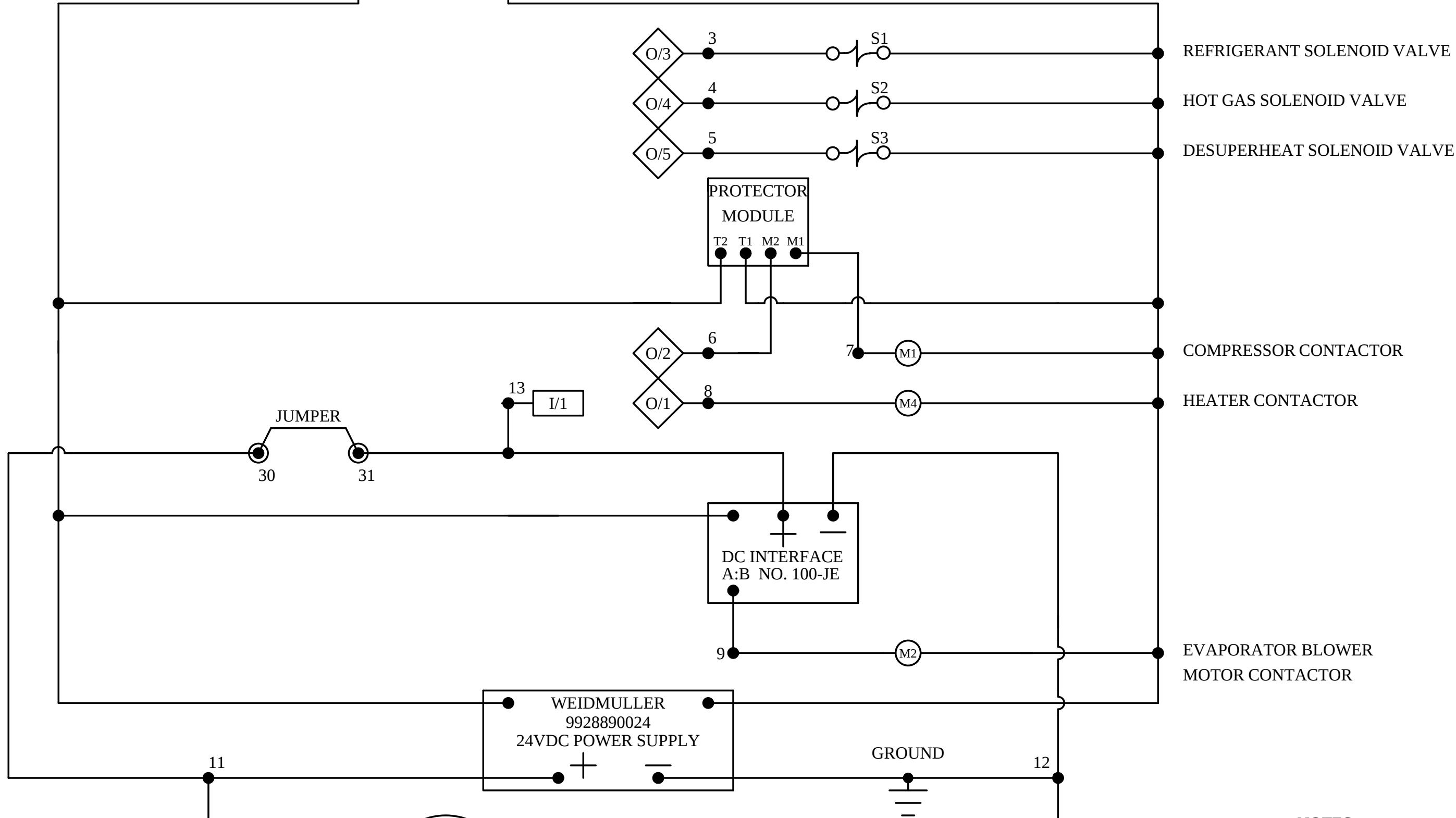
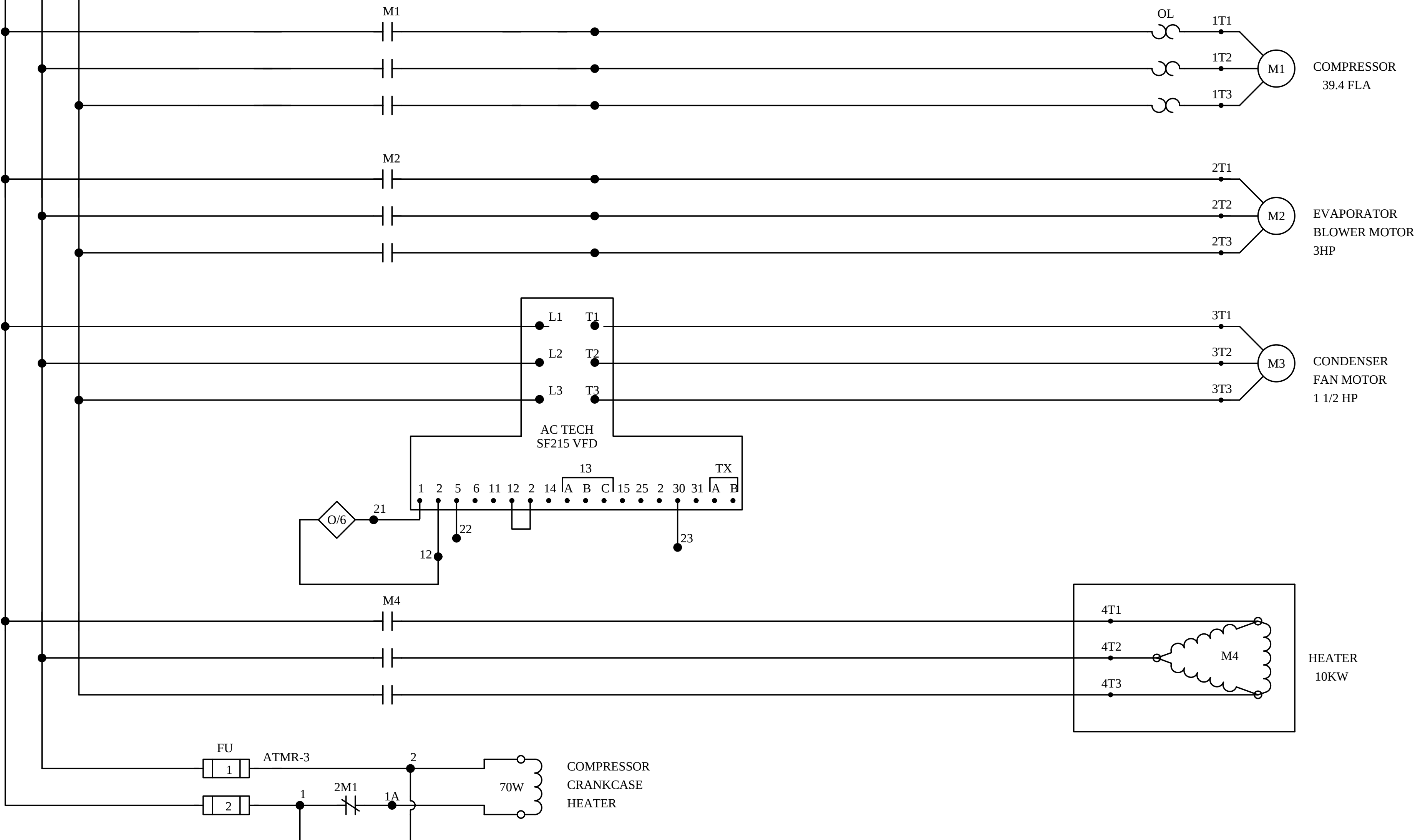


FUSED DISCONNECT OR
CIRCUIT BREAKER BY
OTHERS

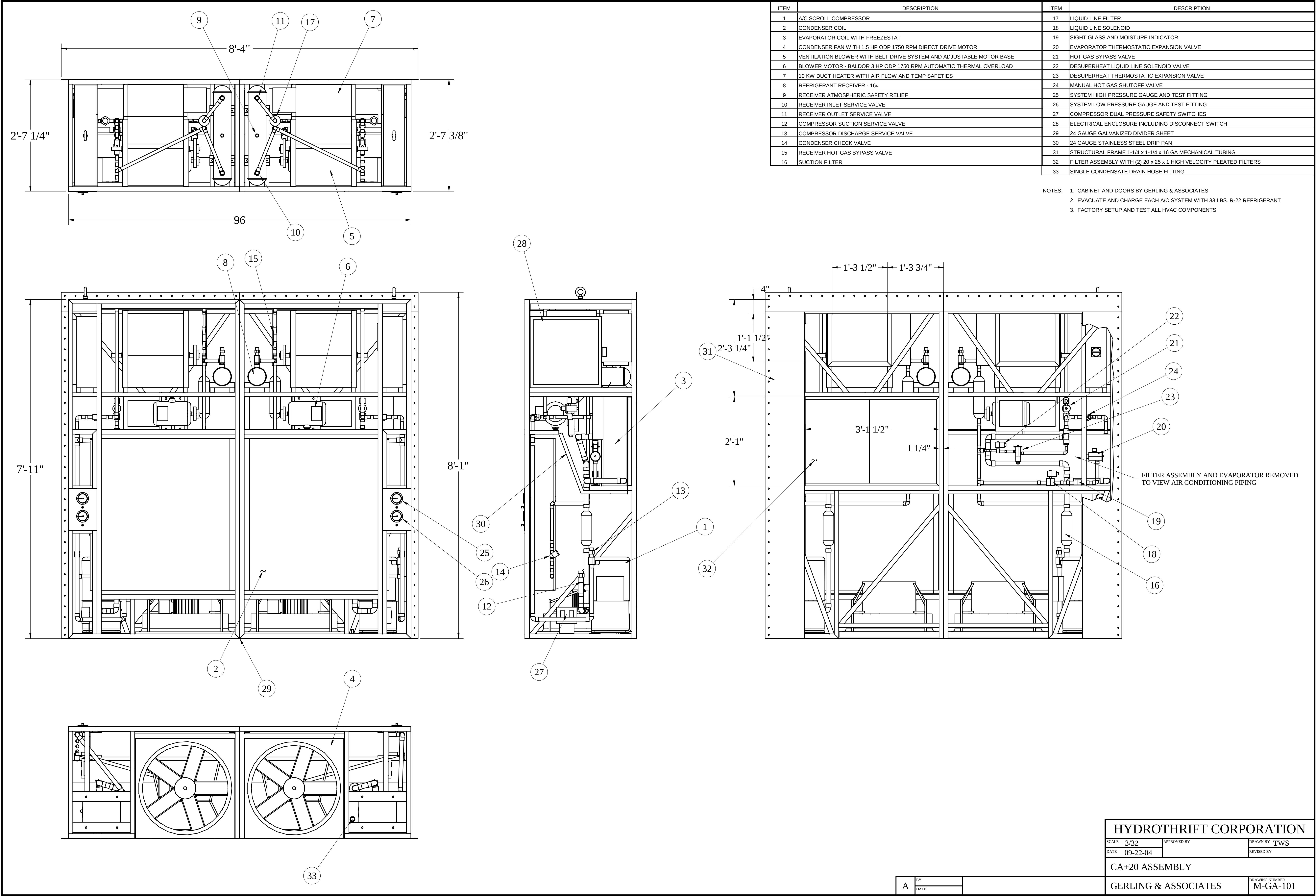


100 AMP DISCONNECT SWITCH
ALLEN- BRADLEY 194E-E100-1753-6N



- NOTES:
- 1.) TO REDUCE THE RISK OF FIRE, REPLACE ONLY WITH SAME TYPE & RATING OF FUSE
 - 2.) TORQUE REQUIRED FOR 208 VOLT FIELD WIRE CONNECTION 40 INCH LBS.
 - 3.) POWER CIRCUIT FIELD WIRING TO BE COPPER WITH A CONDUCTOR TEMP. RATING OF 60 C MIN.
 - 4.) DOTTED LINES INDICATE FIELD WIRING
 - 5.) WIRE COLORS:
BLACK — 208 VOLT
GREEN — GROUND
BLUE — 24VDC
WHITE — GROUNDED 24VDC
 - 6.) ● - INDICATES CUST. FIELD WIRE TERMINAL
 - 7.) ENCLOSURE TO HAVE ETL CERTIFICATION LABEL

WIRE TERMINALS NO. 21 - 12 - 22 - 23 WITH
BELDEN NO. 9418 (4) CONDUCTOR 18 GA.
SHIELDED CABLE TO V.F.D.



ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	A/C SCROLL COMPRESSOR	17	LIQUID LINE FILTER
2	CONDENSER COIL	18	LIQUID LINE SOLENOID
3	EVAPORATOR COIL WITH FREEZESTAT	19	SIGHT GLASS AND MOISTURE INDICATOR
4	CONDENSER FAN WITH 1.5 HP ODP 1750 RPM DIRECT DRIVE MOTOR	20	EVAPORATOR THERMOSTATIC EXPANSION VALVE
5	VENTILATION BLOWER WITH BELT DRIVE SYSTEM AND ADJUSTABLE MOTOR BASE	21	HOT GAS BYPASS VALVE
6	BLOWER MOTOR - BALDOR 3 HP ODP 1750 RPM AUTOMATIC THERMAL OVERLOAD	22	DESUPERHEAT LIQUID LINE SOLENOID VALVE
7	10 KW DUCT HEATER WITH AIR FLOW AND TEMP SAFETIES	23	DESUPERHEAT THERMOSTATIC EXPANSION VALVE
8	REFRIGERANT RECEIVER - 16#	24	MANUAL HOT GAS SHUTOFF VALVE
9	RECEIVER ATMOSPHERIC SAFETY RELIEF	25	SYSTEM HIGH PRESSURE GAUGE AND TEST FITTING
10	RECEIVER INLET SERVICE VALVE	26	SYSTEM LOW PRESSURE GAUGE AND TEST FITTING
11	RECEIVER OUTLET SERVICE VALVE	27	COMPRESSOR DUAL PRESSURE SAFETY SWITCHES
12	COMPRESSOR SUCTION SERVICE VALVE	28	ELECTRICAL ENCLOSURE INCLUDING DISCONNECT SWITCH
13	COMPRESSOR DISCHARGE SERVICE VALVE	29	24 GAUGE GALVANIZED DIVIDER SHEET
14	CONDENSER CHECK VALVE	30	24 GAUGE STAINLESS STEEL DRIP PAN
15	RECEIVER HOT GAS BYPASS VALVE	31	STRUCTURAL FRAME 1-1/4 x 1-1/4 x 16 GA MECHANICAL TUBING
16	SUCTION FILTER	32	FILTER ASSEMBLY WITH (2) 20 x 25 x 1 HIGH VELOCITY PLEATED FILTERS
		33	SINGLE CONDENSATE DRAIN HOSE FITTING

- NOTES:
- CABINET AND DOORS BY GERLING & ASSOCIATES
 - EVACUATE AND CHARGE EACH A/C SYSTEM WITH 33 LBS. R-22 REFRIGERANT
 - FACTORY SETUP AND TEST ALL HVAC COMPONENTS

HYDROTHRIFT CORPORATION

SCALE 3/32	APPROVED BY	DRAWN BY TWS
DATE 09-22-04		REVISED BY

CA+20 ASSEMBLY

GERLING & ASSOCIATES DRAWING NUMBER M-GA-101

A	BY
	DATE