TITLE	PCN	DATE	DRAWING NO.	REV.
W/W SIZE- 170 208-230/60/3 460/60/3 575/60/3 380-420/50/3 CXM & MPC	19-0176	4/9/19	96B0226N05	B

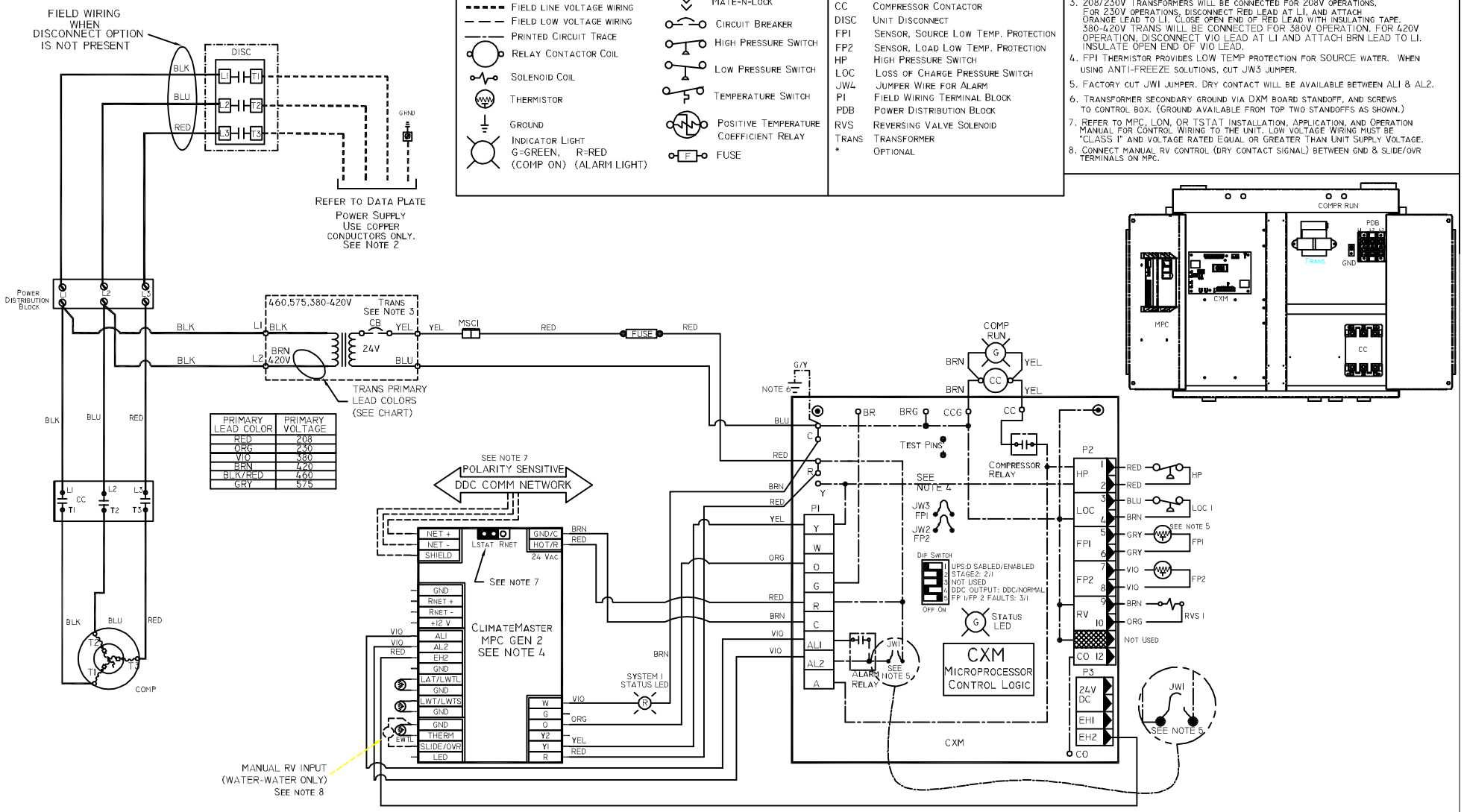
LEGEND

- FACTORY LINE VOLTAGE WIRING
- FACTORY LOW VOLTAGE WIRING
- FIELD LINE VOLTAGE WIRING
- FIELD LOW VOLTAGE WIRING
- PRINTED CIRCUIT TRACE
- RELAY CONTACTOR COIL
- SOLENOID COIL
- THERMISTOR
- GROUND
- INDICATOR LIGHT G=GREEN, R=RED (COMP ON) (ALARM LIGHT)
- WIRE NUT
- MATE-N-LOCK
- CIRCUIT BREAKER
- HIGH PRESSURE SWITCH
- LOW PRESSURE SWITCH
- TEMPERATURE SWITCH
- POSITIVE TEMPERATURE COEFFICIENT RELAY
- FUSE

AL	ALARM RELAY CONTACTS
CB	CIRCUIT BREAKER
CC	COMPRESSOR CONTACTOR
DISC	UNIT DISCONNECT
FP1	SENSOR, SOURCE LOW TEMP. PROTECTION
FP2	SENSOR, LOAD LOW TEMP. PROTECTION
HP	HIGH PRESSURE SWITCH
LOC	LOSS OF CHARGE PRESSURE SWITCH
JW4	JUMPER WIRE FOR ALARM
PI	FIELD WIRING TERMINAL BLOCK
PDB	POWER DISTRIBUTION BLOCK
RVS	REVERSING VALVE SOLENOID
TRANS	TRANSFORMER
*	OPTIONAL

NOTES:

1. COMPRESSOR MOTOR THERMALLY PROTECTED INTERNALLY.
2. ALL WIRING TO THE UNIT MUST COMPLY WITH NEC AND LOCAL CODES.
3. 208/230V TRANSFORMERS WILL BE CONNECTED FOR 208V OPERATIONS. FOR 230V OPERATIONS, DISCONNECT RED LEAD AT LI, AND ATTACH ORANGE LEAD TO LI. CLOSE OPEN END OF RED LEAD WITH INSULATING TAPE. 380-420V TRANS WILL BE CONNECTED FOR 380V OPERATION. FOR 420V OPERATION, DISCONNECT VIO LEAD AT LI AND ATTACH BRN LEAD TO LI. INSULATE OPEN END OF VIO LEAD.
4. FP1 THERMISTOR PROVIDES LOW TEMP PROTECTION FOR SOURCE WATER. WHEN USING ANTI-FREEZE SOLUTIONS, CUT JW3 JUMPER.
5. FACTORY CUT JW1 JUMPER. DRY CONTACT WILL BE AVAILABLE BETWEEN AL1 & AL2.
6. TRANSFORMER SECONDARY GROUND VIA DXM BOARD STANDOFF, AND SCREWS TO CONTROL BOX. (GROUND AVAILABLE FROM TOP TWO STANDOFFS AS SHOWN.)
7. REFER TO MPC, LON, OR TSTAT INSTALLATION, APPLICATION, AND OPERATION MANUAL FOR CONTROL WIRING TO THE UNIT. LOW VOLTAGE WIRING MUST BE "CLASS II" AND VOLTAGE RATED EQUAL OR GREATER THAN UNIT SUPPLY VOLTAGE.
8. CONNECT MANUAL RV CONTROL (DRY CONTACT SIGNAL) BETWEEN GND & SLIDE/OVR TERMINALS ON MPC.



REV	DESCRIPTION	BY	PCN	DATE	APPROVED
B	ADDED FUSE, ADDED MSCI.	JC	19-0176	4/9/19	SS
A	ADDED DISCONNECT OPTION	MB	14-0064	2/10/14	TN
	INITIAL RELEASE	NW	13-0674	12/3/13	NW

UNLESS SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE DECIMALS ± .031 ANGLES ±1°

MATERIAL N/A GZ
B.A.= N/A

CLIMATEMASTER
7300 SW 44TH
OK C TY, OK 73179
PHONE: 405 745 6000 <> FAX: 405 745 6058

TITLE: WIRING DIAGRAM
TMW 170 (H,F,N,U) CXM & MPC

ACAD	DRAWING NO.	96B0226N05		
SIZE L	DRAWN NW	DATE 12/3/13	SCALE 1	REV B
	CHK NW	DATE 12/3/13	SHEET 1 OF 1	