TITLE	FCN	DATE	DRAWING NO	REV
W/W SIZE-170 208-230/60/3 460/60/3 575/60/3 380-420/50/3 CXM & LON	19-0176	4/8/19	96B0226N03	B

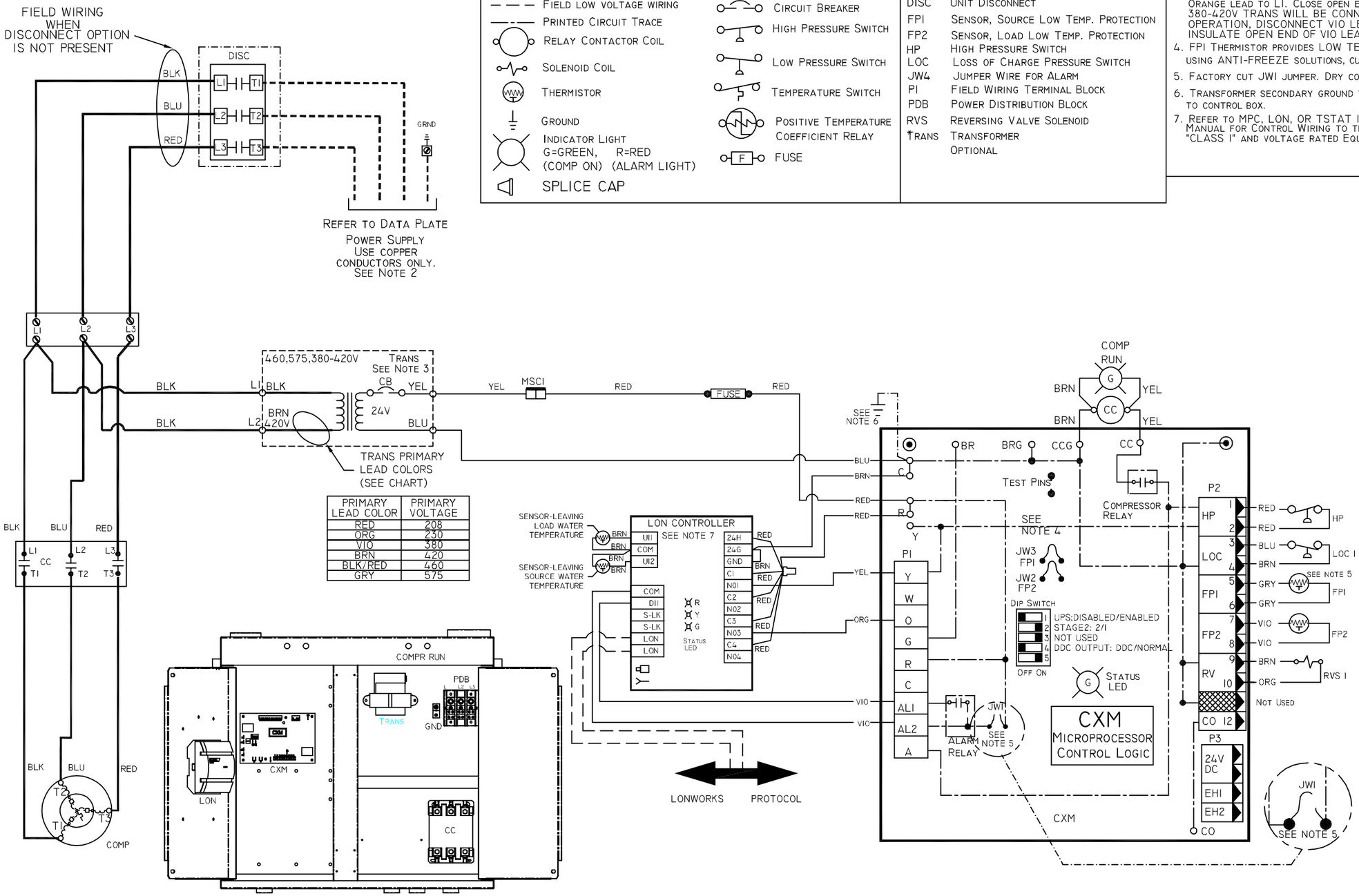
LEGEND

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

AL	ALARM RELAY CONTACTS
CB	CIRCUIT BREAKER
CC	COMPRESSOR CONTACTOR
DISC	UNIT DISCONNECT
FPI	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. FPI THERMISTOR PROVIDES LOW TEMP PROTECTION FOR SOURCE WATER. WHEN USING ANTI-FREEZE SOLUTIONS, CUT JW3 JUMPER.
5. FACTORY CUT JWI JUMPER. DRY CONTACT WILL BE AVAILABLE BETWEEN ALI & AL2.
6. TRANSFORMER SECONDARY GROUND VIA GRN/YEL WIRE FROM BOARD C TO CONTROL BOX.
7. REFER TO MPC, LON, OR TSTAT INSTALLATION, APPLICATION, AND OPERATION MANUAL FOR CONTROL WIRING TO THE UNIT. LOW VOLTAGE WIRING MUST BE "CLASS I" AND VOLTAGE RATED EQUAL OR GREATER THAN UNIT SUPPLY VOLTAGE.



PRIMARY LEAD COLOR	PRIMARY VOLTAGE
RED	208
ORG	230
VIO	380
BRN	420
BLK/RED	460
GRY	575

REV	DESCRIPTION	BY	FCN	DATE	APPROVED
B	ADDED FUSE, ADDED MSCI.	JC	19-0176	4/8/19	SS
A	ADDED DISCONNECT OPTION	MB	14-0064	2/10/14	TN
-	INITIAL RELEASE	NW	13-0674	12/3/13	NW

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

MATERIAL: N/A GZ

B.A.= N/A

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

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

SIZE	DRAWING NO	REV
ACAD	96B0226N03	
L	DRAWN NW 12/3/12	B
	ENG. NW 12/3/13	
	SCALE 1 SHEET 1 OF 1	