

- | | |
|---------------------------------|--------------------------------|
| CA COOLING ANTICIPATOR | LPCO LOW PRESSURE CUTOFF SW. |
| CS COIL BOTTOM SENSOR | MS COMPRESSOR MOTOR CONTACTOR |
| CF FAN CAPACITOR | OSA OUTDOOR ANTICIPATOR |
| CH WIRE CONNECTOR | OTF OUTDOOR FAN THERMOSTAT |
| CR COMPRESSOR | OSD OUTDOOR TEMPERATURE SENSOR |
| CSR RUN CAPACITOR | OST OUTDOOR THERMOSTAT |
| CS STARTING CAPACITOR | RHS RESISTANCE HEAT SWITCH |
| CSR CAPACITOR SWITCHING RELAY | SC SWITCHOVER VALVE SOLENOID |
| DFC DEFROST CONTROL | SM SYSTEM "ON-OFF" SWITCH |
| F INDOOR FAN RELAY | TDL DISCHARGE LINE THERMOSTAT |
| HA HEATING ANTICIPATOR | TS TRANSFORMER |
| HPCO HIGH PRESSURE CUTOFF SW. | TSH HEATING-COOLING THERMOSTAT |
| IOI INTERNAL OVERLOAD PROTECTOR | TSH HEATING THERMOSTAT |

WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!

CAUTION
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!

← BK/BL COLOR OF WIRE WITH BLUE MARKER
← COLOR OF MARKER

BK BLACK OR ORANGE YL YELLOW
BL BLUE RD RED GR GREEN
BR BROWN WH WHITE PR PURPLE

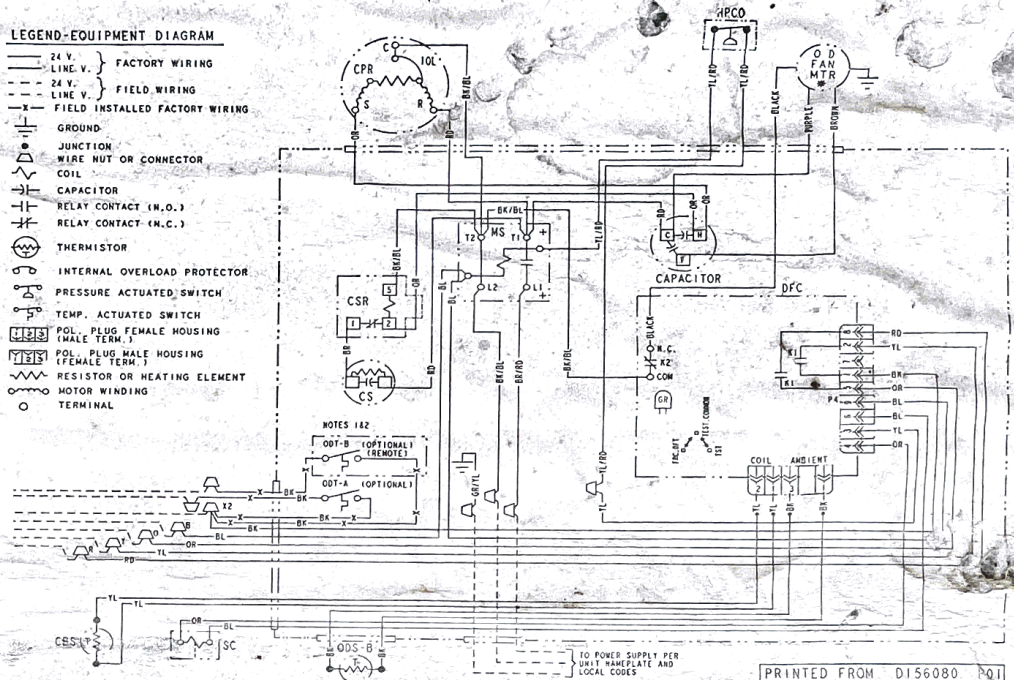
- NOTES:
- IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 & W3 AT AIR HANDLER.
IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHER PROOF ENCLOSURE
 - IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 & W2 AT AIR HANDLER.
 - LOW VOLTAGE (24 V.) FIELD WIRING MUST BE 18 AWG MIN.

FOR CANADIAN INSTALLATIONS
POUR INSTALLATIONS CANADIENNES

CAUTION: NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V TO-GROUND.
ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A LA TERRE.

LEGEND-EQUIPMENT DIAGRAM

- 24 V. } FACTORY WIRING
- 24 V. } FIELD WIRING
- - - LINE V.
- X FIELD INSTALLED FACTORY WIRING
- ⊖ GROUND
- ⊕ JUNCTION
- ⊖ WIRE NUT OR CONNECTOR
- ⊕ COIL
- ⊖ CAPACITOR
- ⊕ RELAY CONTACT (N.O.)
- ⊖ RELAY CONTACT (N.C.)
- ⊕ THERMISTOR
- ⊖ INTERNAL OVERLOAD PROTECTOR
- ⊕ PRESSURE ACTUATED SWITCH
- ⊖ TEMP. ACTUATED SWITCH
- ⊕ POL. PLUG FEMALE HOUSING (MALE TERM.)
- ⊖ POL. PLUG MALE HOUSING (FEMALE TERM.)
- ⊕ RESISTOR OR HEATING ELEMENT
- ⊖ MOTOR WINDING
- TERMINAL



R410A REFRIGERANT CHARGING CHART

LIQUID TEMP (°F)	DESIGN SUBCOOLING (°F)						
	8	9	10	11	12	13	14
	LIQUID GAGE PRESSURE (PSI)						
55	179	182	185	188	191	195	198
60	195	198	201	204	208	211	215
65	211	215	218	222	225	229	232
70	229	232	236	240	243	247	251
75	247	251	255	259	263	267	271
80	267	271	275	279	283	287	291
85	287	291	296	300	304	309	313
90	309	313	318	322	327	331	336
95	331	336	341	346	351	355	360
100	355	360	365	370	376	381	386
105	381	386	391	396	402	407	413
110	407	413	418	424	429	435	441
115	435	441	446	452	458	464	470
120	464	470	476	482	488	495	501
125	495	501	507	514	520	527	533

Refer to Service Facts
or installer's guide for
charging method.



D154557P01 REV 2

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80	267	271	275	279	283	287	291
85	287	291	296	300	304	309	313
90	309	313	318	322	327	331	336
95	331	336	341	346	351	355	360
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