



KEY	COMPONENT
A55	PANEL, MAIN
B1	COMPRESSOR 1
B2	COMPRESSOR 2
B3	MOTOR, BLOWER
B4	MOTOR, OUTDOOR FAN 1
B5	MOTOR, OUTDOOR FAN 2
B10	MOTOR, EXHAUST FAN
C1	CAPACITOR, OUTDOOR FAN 1
C2	CAPACITOR, OUTDOOR FAN 2
C6	CAPACITOR, EXHAUST FAN
CB8	CIRCUIT BREAKER, TRANSFORMER T1
CB10	CIRCUIT BREAKER, UNIT MAIN DISCONNECT
CB31	CIRCUIT BREAKER, TRANSFORMER T43
F4	FUSE, UNIT
HR1	HEATER, COMPRESSOR 1
HR2	HEATER, COMPRESSOR 2
J11	JACK, GFI RECEPTICLE
K1,-1	CONTACTOR, COMPRESSOR 1
K2,-1	CONTACTOR, COMPRESSOR 2
K3,-1	CONTACTOR, BLOWER
K10,-1,2	RELAY, OUTDOOR FAN 1
K65,-1,2	RELAY, EXHAUST FAN
K68,-1,2	RELAY, OUTDOOR FAN 2
L14	VALVE, SOLENOID REHEAT COIL 1
L30	VALVE, SOLENOID REHEAT COIL 2
RT17	SENSOR, OUTSIDE AIR TEMPERATURE
S4	SWITCH, LIMIT HI PRESS COMP 1
S5	SWITCH, LIMIT HI TEMP COMPRESSOR 1
S7	SWITCH, LIMIT HI PRESS COMPRESSOR 2
S8	SWITCH, LIMIT HI TEMP COMPRESSOR 2
S11	SWITCH, LOW PRESS, LOW AMBIENT KIT COMP 1
S42	SWITCH, OVERLOAD RELAY BLOWER MOTOR
S48	SWITCH, DISCONNECT
S49	SWITCH, FREEZESTAT COMP 1
S50	SWITCH, FREEZESTAT COMP 2
S84	SWITCH, LOW PRESS, LOW AMBIENT KIT COMP 2
S87	SWITCH, LOW PRESS, COMPRESSOR 1
S88	SWITCH, LOW PRESS, COMPRESSOR 2
T1	TRANSFORMER, CONTROL
T43	TRANSFORMER, HUMIDITROL
TB2	TERMINAL STRIP, UNIT

J/P	JACK/PLUG DESCRIPTION
18	EXHAUST FAN
86	OUTDOOR FAN INTERFACE
132	EXHAUST FAN MOTOR
263	HIGH AND LOW PRESSURE SWITCHES
264	BLOWER DECK
265	CONTACTORS AND RELAYS
267	OUTDOOR FAN AREA
268	TRANSFORMER T1 POWER
269	HUMIDITROL CONTROL
299	HUMIDITROL SAFETY INTERFACE

- ⚠ S42 USED ON "M" VOLTAGE UNITS AND UNITS WITH HIGH EFFICIENCY MOTORS
- ⚠ ONLY IN UNITS WITH HUMIDITROL OR PHASE AND VOLTAGE DETECTION OPTION
- ⚠ EXTERNAL HUMIDITROL CONTACTS
- ⚠ S49 AND S50 ARE PART OF 5VDC CIRCUIT
- ⚠ J268-1,-3 AND J268-2,-4 ARE CONNECTED ON UNITS WITHOUT HUMIDITROL OR PHASE DETECTION OPTIONS
- ⚠ B10 IS NOT USED ON UNITS WITH ERV
- ⚠ USED ON UNITS WITH ERV SINGLE POINT POWER. SEE ERV DIAGRAM
- ⚠ USED ON LCH AND UNITS WITH ERV SINGLE POINT POWER ONLY
- ⚠ NOTE: FOR USE WITH COPPER CONDUCTORS ONLY. REFER TO UNIT RATING PLATE FOR MINIMUM CIRCUIT AMPACITY AND MAXIMUM OVERCURRENT PROTECTION SIZE.

← DENOTES OPTIONAL COMPONENTS
 — LINE VOLTAGE FIELD INSTALLED

04/15		WIRING DIAGRAM	04/15
		537625-01	
COOLING			
LCH/LGH - 092H, 102H, 120H, 150S - G, J, M, Y			
SECTION B			REV. 1
Supersedes		New Form No. 537625-01	