



- NOTES.**
- ▲ CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
  - ▲ COMPRESSOR MOTOR THERMALLY PROTECTED. ALL 3 PHASE MODELS ARE PROTECTED. PROTECT SINGLE PHASE CONDITIONS.
  - ▲ TRANSFORMER FACTORY WIRED FOR 230 VOLTS.
  - ▲ CONNECT FIELD WIRE TO FACTORY SUPPLY PWR BLOCK IN ELECTRICAL BOX.
  - ▲ LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER, 24V, 50/60 HZ SUPPLIED.
  - ▲ CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO FUSED DISCONNECT.
  - ▲ MOTOR FACTORY WIRED FOR CORRECT VOLTAGE.
  - ▲ REMOVE PL18 & PL11 FOR AMBIENT ACCESSORY, PL10 & PL11 LOCATED IN BLOWER COMPARTMENT.
  - ▲ REMOVE PL7 FOR SMOKE DETECTOR ACCESSORY, PL6 & PL7 LOCATED IN RETURN AIR SECTION.
  - ▲ ECONOMIZER LOGIC MODULE ELM.
  - ▲ WIRE SUPPLIED FOR ADDITION OF CRANKCASE HEATER ACCESSORY. ATTACH TO L-1 & L-3 WHEN CRANKCASE HEATER IS INSTALLED.
  - ▲ FS, LLS1, LLS2, LIQUID SOL. & REHEAT SOL. LOCATED IN BLOWER COMPARTMENT.
  - ▲ DISCHARGE SOL. LOCATED IN CONDENSER SECTION.

COMPONENT CODE	
BR	BLOWER RELAY
CA	COMFORT ALERT MODULE
CC	COMPRESSOR CONTACTOR
CCN	CRANKCASE HEATER
CFS	CLOGGED FILTER SWITCH
COMP	COMPRESSOR
C	CONTROL TRANSFORMER
DAT	DISCHARGE AIR SENSOR
DSR	DISCHARGE SOLENOID RELAY
DISC	DISCONNECT SWITCH
FLMS	FLAME SENSOR
FP	FAN PROWING
FS	FREEZE SENSOR
GFCO	GROUND FAULT CONVENIENCE OUTLET
GL	GROUND LUG
GND	GROUND
GV	GAS VALVE
HPC	HIGH PRESSURE CONTROL
IBM	INDOOR BLOWER MOTOR BELT DRIVE
IDM	INDUCED DRAFT MOTOR
IFC	INTEGRATED FURNACE CONTROL
LAC	LOW AMBIENT COOLING CONTROL
L	LIMIT CONTROL
LPC	LOW PRESSURE CONTROL
MRLC	MANUAL RESET LIMIT CONTROL
NPC	NEGATIVE PRESSURE CONTROL
DAT	OUTSIDE AIR SENSOR
DSR	OUTDOOR FAN MOTOR
OFMC	OUTDOOR FAN MOTOR CONTROLLER
PL	PLUG
PT	POWER TRANSFORMER
RAT	RETURN AIR SENSOR
RC	RUN CAPACITOR
RTU-C	ROOFTOP UNIT CONTROL
SE	SPARK ELECTRODE
TB	TERMINAL BLOCK
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE NUT

WIRING INFORMATION	
LINE VOLTAGE	—————
-FACTORY STANDARD	—————
-FACTORY OPTION	-----
-FIELD INSTALLED	.....
LOW VOLTAGE	—————
-FACTORY STANDARD	—————
-FACTORY OPTION	-----
-FIELD INSTALLED	.....
REPLACEMENT WIRE	—————
-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (90° C MIN.)	
WARNING	
-CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C., AND LOCAL CODES AS APPLICABLE.	

WIRE COLOR CODE			
BK	BLACK	O	ORANGE
BR	BROWN	PR	PURPLE
BL	BLUE	R	RED
G	GREEN	W	WHITE
GY	GRAY	Y	YELLOW

  

WIRING DIAGRAM	
REHEAT 090/120/151	
208-230/460V 3 PH, 60 HZ.	
ROOFTOP W/RTU-C	

  

DR. BY	APP. BY	DATE	DWG. NO.	REV
JRJ		10-24-11	90-103089-21	03

DETAIL W - DIAGNOSTICS	
1	FAILED TO DETECT OR SUSTAIN FLAME.
2	PRESSURE SWITCH OR INDOOR PROBLEM DETECTED.
3	HIGH LIGHT SWITCH PROTECTION DEVICE OPEN.
4	FLAME SENSED GAS VALVE NOT ENERGIZED OR FLAME SENSED NO "Y" SIGNAL.
5	FLAME ROLL OUT SWITCH OPEN.