



### COMPONENT CODE

ALC AUX. LIMIT CONTROL	LC LIMIT CONTROL	RC RUN CAPACITOR
BC BLOWER CONTACTOR	LPC LOW PRESSURE CONTROL	SD SMOKE DETECTOR
CC COMPRESSOR CONTACTOR	MRLC MANUAL RESET LIMIT CONTROL	SE SPARK ELECTRODE
COMP COMPRESSOR	NPC NEGATIVE PRESSURE CONTROL	TDC TIME DELAY CONTROL
CT CONTROL TRANSFORMER	OFM OUTDOOR FAN MOTOR	WN WIRE NUT
DISC DISCONNECT SWITCH	PL PLUG	IDR INDUCED DRAFT RELAY
FLMS FLAME SENSOR	PT POWER TRANSFORMER	
FT FREEZE STAT	RC RUN CAPACITOR	
GFCO GROUND FAULT CONVENIENCE OUTLET	SD SMOKE DETECTOR	
GL GROUND LUG	SE SPARK ELECTRODE	
GND GROUND	TDC TIME DELAY CONTROL	
GV GAS VALVE	WN WIRE NUT	
HPC HIGH PRESSURE CONTROL	IDR INDUCED DRAFT RELAY	
IBM INDOOR BLOWER MOTOR DIRECT DRIVE		
IDM INDUCED DRAFT MOTOR		
IDR INDUCED DRAFT RELAY		
IFC INTERGRADED FURNACE CONTROL		
LAC LOW AMBIENT COOLING CONTROL		

- ### NOTES:
1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
  2. COMPRESSOR MOTOR THERMALLY PROTECTED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
  3. CONTACTOR FACTORY WIRING. CONNECT FIELD WIRE TO FACTORY SUPPLIED CONTACTOR IN ELECTRICAL BOX.
  4. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER, 24V, 50/60 HZ SUPPLIED.
  5. CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
  6. ONLY ONE MRLC IS NEEDED ON THE 80,000 INPUT UNIT.
  7. POWER TRANSFORMER PRIMARY LEADS: BLUE-COMMON; BK/RED-460V, 60 HZ. / 380V, 50 HZ.; RED-575V, 60 HZ. / 415V, 50 HZ..
  8. WIRES FROM PL 2 (7 & 8) GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.
  9. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.

### 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 (105 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	GY	GRAY	R	RED
BR	BROWN	O	ORANGE	W	WHITE
BL	BLUE	PK	PINK	Y	YELLOW
G	GREEN	PR	PURPLE		

### ELECTRICAL WIRING DIAGRAM

460 3 PHASE, 60 HZ  
BELT DRIVE

DR. BY	APP. BY	DATE	DWG. NO.	REV
MCB		5-23-05	90-23596-24	04