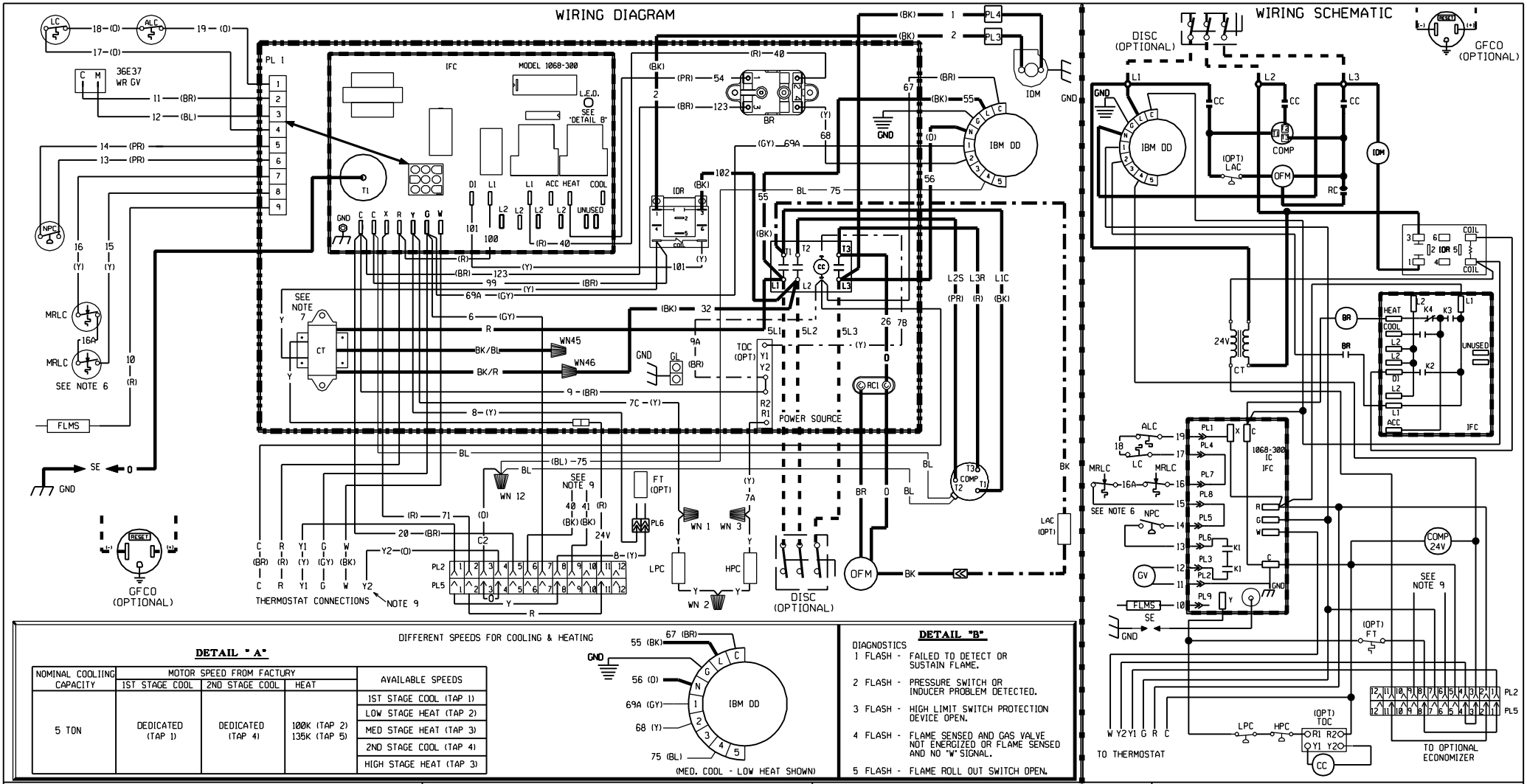


NOMINAL COOLING CAPACITY	MOTOR SPEED FROM FACTURY			AVAILABLE SPEEDS
	1ST STAGE COOL	2ND STAGE COOL	HEAT	
5 TON	DEDICATED (TAP 1)	DEDICATED (TAP 4)	100K (TAP 2) 135K (TAP 5)	1ST STAGE COOL (TAP 1)
				LOW STAGE HEAT (TAP 2)
				MED STAGE HEAT (TAP 3)
				2ND STAGE COOL (TAP 4)
				HIGH STAGE HEAT (TAP 3)

COMPONENT CODE

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

NOTES:

1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
3. CONTACTOR FACTORY WIRED. 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. CONTROL TRANSFORMER PRIMARY LEADS: BLUE-COMMON; BK/RED-460V. 60 HZ. / 380V. 50 HZ.; RED-575V. 60 HZ. / 415V. 50 HZ..
8. WIRES FROM PL2 (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., NATIONAL WIRING REGULATIONS, 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

ELECTRICAL WIRING DIAGRAM

460V X-DRIVE MOTOR DIRECT DRIVE BLOWER 2-STAGE

DR. BY	APP. BY	DATE	DWG. NO.	REV
MGR		4-5-13	90-23596-49	01