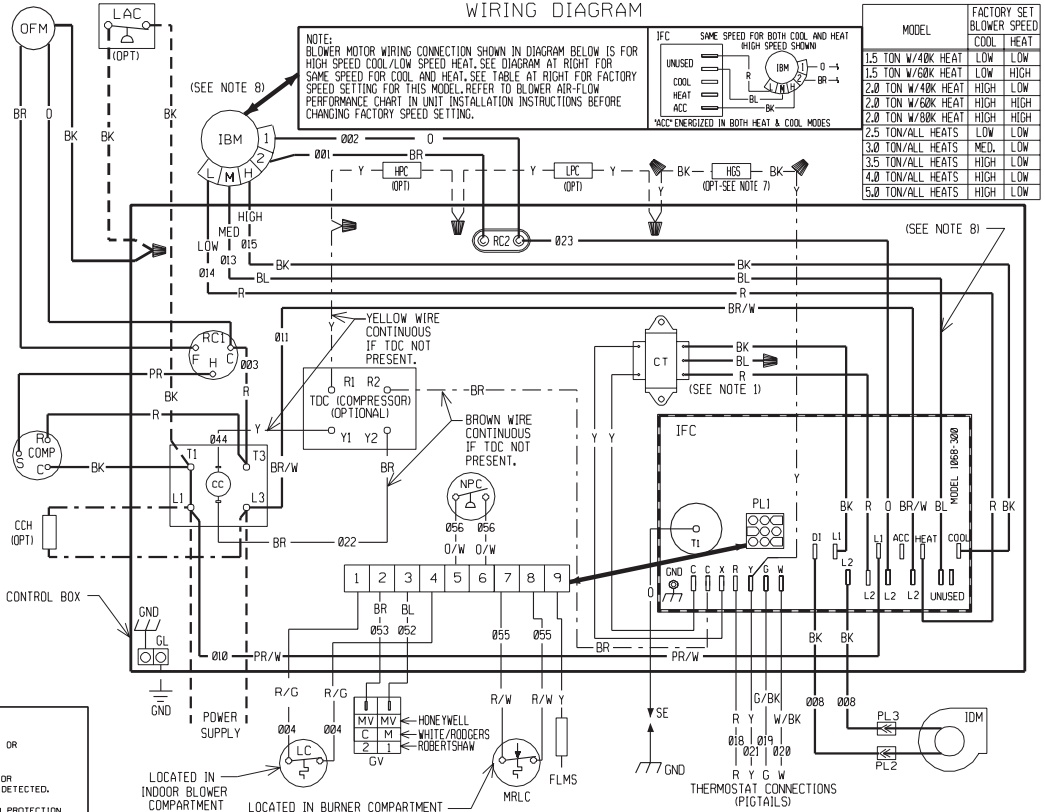
WIRING DIAGRAM



MODEL	FACTORY SET BLOWER SPEED	
	COOL	HEAT
1.5 TON W/40K HEAT	LOW	LOW
1.5 TON W/60K HEAT	LOW	HIGH
2.0 TON W/40K HEAT	HIGH	LOW
2.0 TON W/60K HEAT	HIGH	HIGH
2.0 TON W/80K HEAT	HIGH	HIGH
2.5 TON/ALL HEATS	LOW	LOW
3.0 TON/ALL HEATS	MED.	LOW
3.5 TON/ALL HEATS	HIGH	LOW
4.0 TON/ALL HEATS	HIGH	LOW
5.0 TON/ALL HEATS	HIGH	LOW

DIAGNOSTICS

1 FLASH - FAILED TO DETECT OR SUSTAIN FLAME

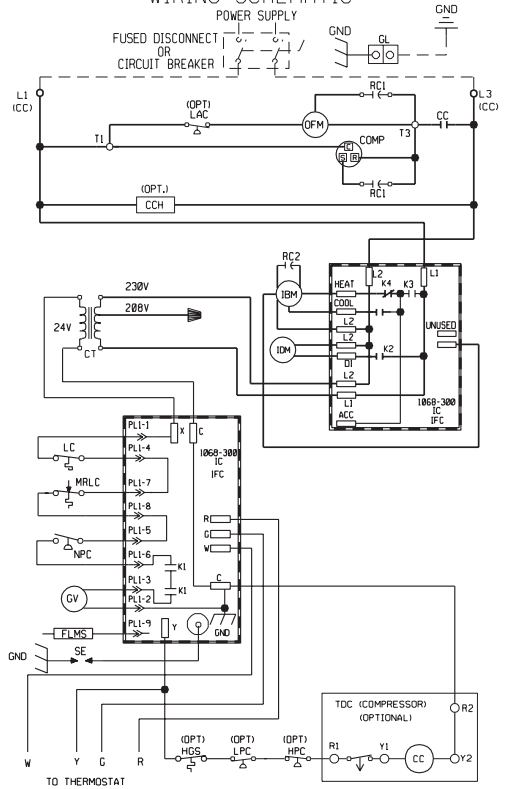
2 FLASH - PRESSURE SWITCH OR INDUCER PROBLEM DETECTED.

3 FLASH - HIGH LIMIT SWITCH PROTECTION DEVICE OPEN.

4 FLASH - FLAME SENSED AND GAS VALVE NOT ENERGIZED OR FLAME SENSED AND NO "W" SIGNAL.

5 FLASH - FLAME ROLL OUT SWITCH OPEN.

WIRING SCHEMATIC



COMPONENT CODE

CC	COMPRESSOR CONTACTOR	LPC	LOW PRESSURE CONTROL
CCH	CRANKCASE HEATER	MRLC	MAN. RESET LIMIT CONTROL
COMP	COMPRESSOR	NPC	NEG. PRESSURE CONTROL
CT	CONTROL TRANSFORMER	OFM	OUTDOOR FAN MOTOR
FLMS	FLAME SENSOR	OPT	OPTIONAL
GL	GROUND LUG	PL	PLUG
GND	GROUND	RC	RUN CAPACITOR
GV	GAS VALVE	SE	SPARK ELECTRODE
HPC	HIGH PRESSURE CONTROL	TDC	TIME DELAY CONTROL
IBM	INDOOR BLOWER MOTOR		WIRE NUT
IDM	INDUCED DRAFT MOTOR		
IFC	ITEGRATED FURNACE CONTROL		
HGS	HOT GAS SENSOR		
LAC	LOW AMBIENT COOLING CONTROL		
LC	LIMIT CONTROL		

NOTES:

1. MAIN UNIT TRANSFORMER PRIMARY LEADS: 60 HZ. RED-COMMON BLUE-208 V BLACK-230 V INTERCHANGE BLACK & BLUE LEADS FOR 208 V TRANSFORMER OPERATION.
2. MOTORS & COMPRESSOR THERMALLY PROTECTED.
3. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
4. CONNECT FIELD WIRING IN GROUNDED RAINTIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50/60 HERTZ SUPPLIED.
6. REPLACEMENT FUSES MUST BE SAME TYPE & SIZE AS ORIGINAL.
7. HGS LOCATED IN TOP OF COPELAND ZR**K1 COMPRESSORS ONLY.
8. MED. BLOWER SPEED AND BLUE MOTOR LEAD ON 2.5 - 4.0 TON MODELS ONLY.

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	O	ORANGE
BR	BROWN	PR	PURPLE
BL	BLUE	R	RED
G	GREEN	W	WHITE
GY	GRAY	Y	YELLOW

ELECTRICAL WIRING DIAGRAM

1.5 - 5.0 TON GAS/ELECTRIC
W/INTEGRATED FURNACE CONTROL
W/PSC BLOWER MOTOR
208/230V, 1 - PHASE

DR. BY	APP. BY	DATE	DWG. NO.	REV
AMF/PB		08-1-95	90-23626-04	07

DWG. NO. 90-23626-04 REV 07