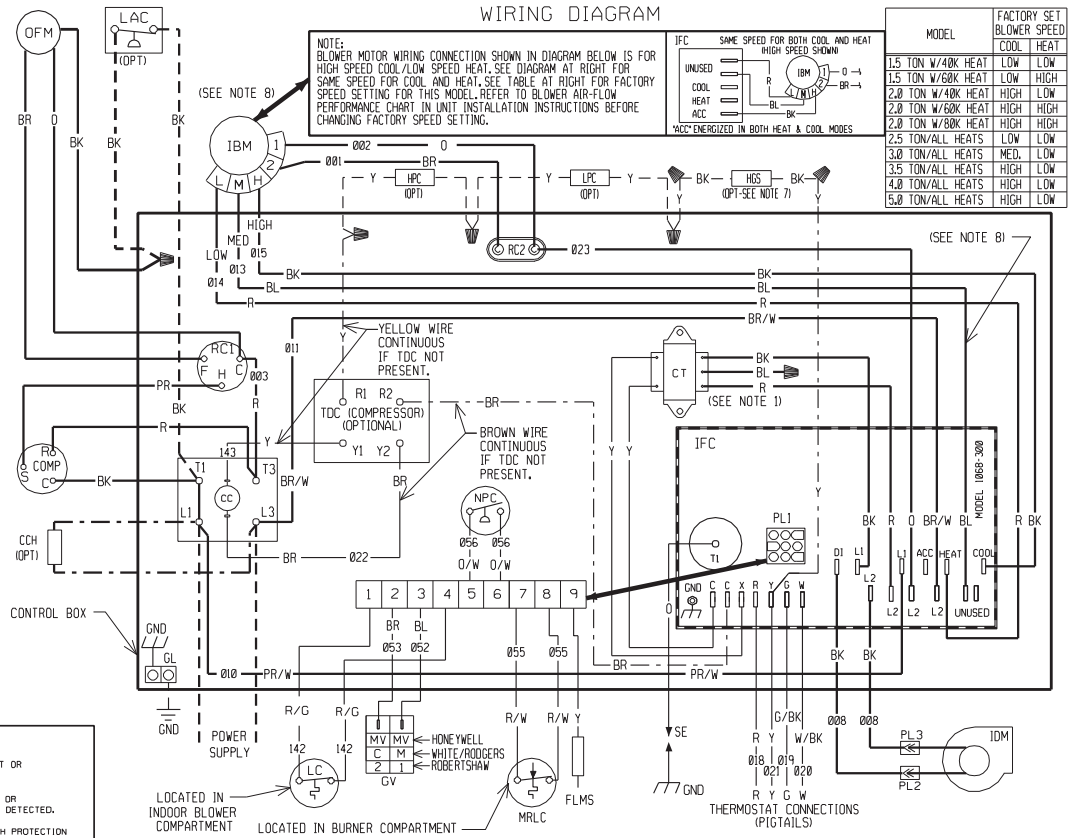
WIRING DIAGRAM



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

NOTE:
BLOWER MOTOR WIRING CONNECTION SHOWN IN DIAGRAM BELOW IS FOR HIGH SPEED COOL/LOW SPEED HEAT. SEE DIAGRAM AT RIGHT FOR SAME SPEED FOR COOL AND HEAT. SEE TABLE AT RIGHT FOR FACTORY SPEED SETTING FOR THIS MODEL. REFER TO BLOWER AIR-FLOW PERFORMANCE CHART IN UNIT INSTALLATION INSTRUCTIONS BEFORE CHANGING FACTORY SPEED SETTING.

IFC — SAME SPEED FOR BOTH COOL AND HEAT (HIGH SPEED SHOWN)

*"ACC" ENERGIZED IN BOTH HEAT & COOL MODES

DIAGNOSTICS

1 FLASH - FAILED TO DETECT OR SUSTAIN FLAME

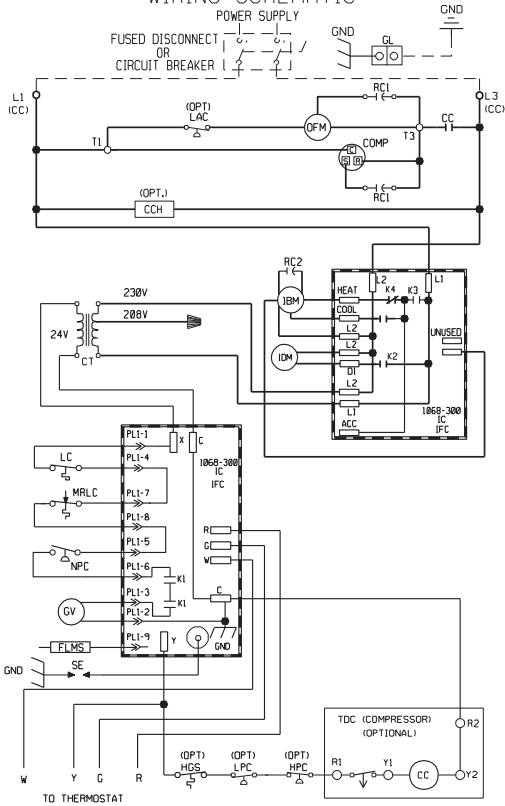
2 FLASH - PRESSURE SWITCH OR INDUCER PROBLEM DETECTED.

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

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	08

DWG. NO. 90-23626-04 REV 08