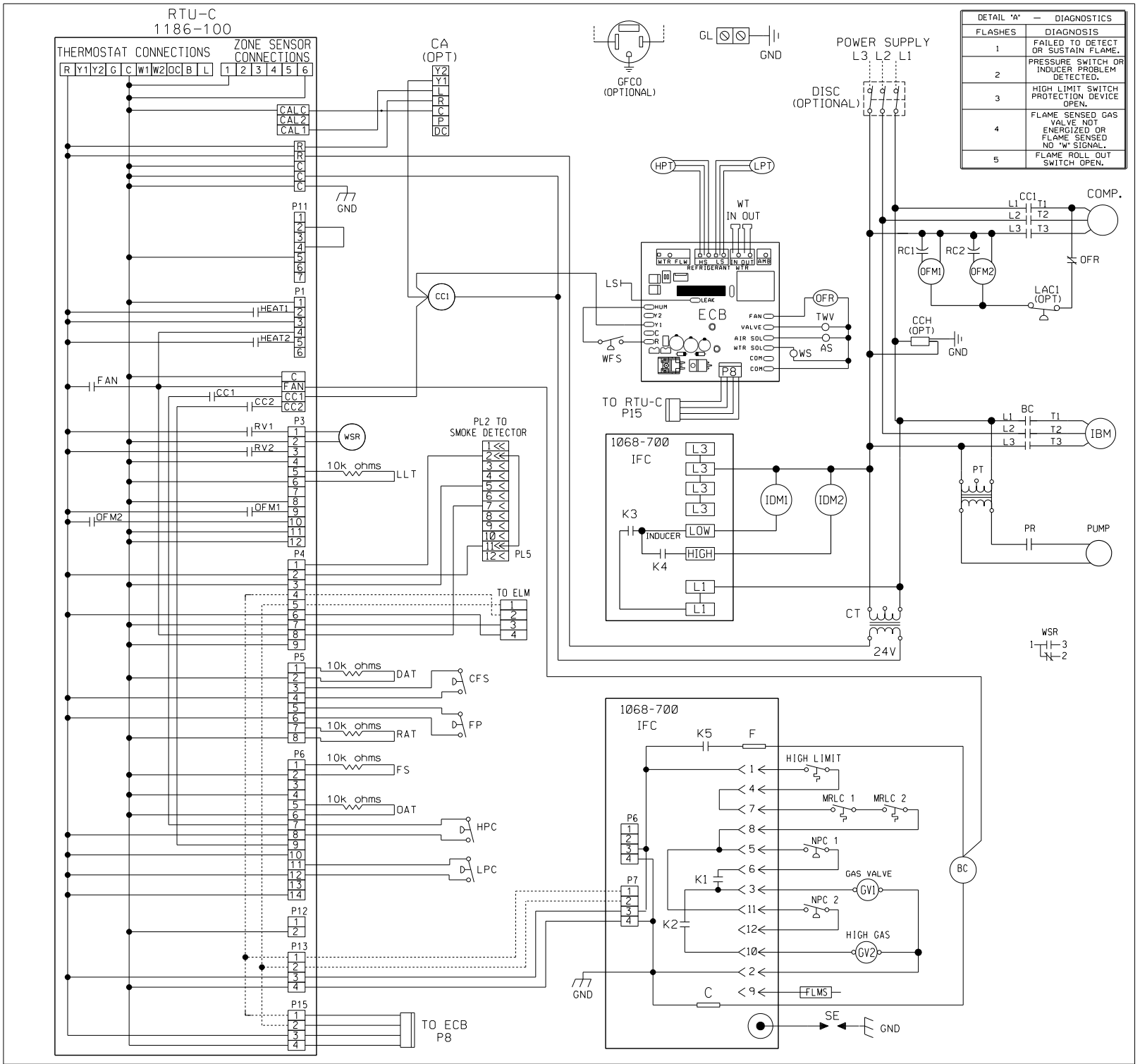


DETAIL "A" — DIAGNOSTICS	
FLASHES	DIAGNOSIS
1	FAILED TO DETECT OR SUSTAIN FLAME.
2	PRESSURE SWITCH OR INDUCER PROBLEM DETECTED.
3	HIGH LIMIT SWITCH PROTECTION DEVICE OPEN.
4	FLAME SENSED GAS VALVE NOT ENERGIZED OR FLAME SENSED NO "W" SIGNAL.
5	FLAME ROLL OUT SWITCH OPEN.

COMPONENT CODE

AS	AIR SOLENOID	LAC	LOW AMBIENT COOLING CONTROL		WIRE NUT
BC	BLOWER CONTACTOR	LC	LIMIT CONTROL		
CA	COMFORT ALERT MODULE	LLT	LIQUID LINE TEMPERATURE		
CC	COMPRESSOR CONTACTOR	LPC	LOW PRESSURE CONTROL		
CCH	CRANKCASE HEATER	LPT	LOW PRESSURE TRANSDUCER		
CFS	CLOGGED FILTER SWITCH	LS	LEAK SENSOR		
COMP	COMPRESSOR	MRLC	MANUAL RESET LIMIT CONTROL		
CT	CONTROL TRANSFORMER	NPC	NEGATIVE PRESSURE CONTROL		
DAT	DISCHARGE AIR SENSOR	OAT	OUTSIDE AIR SENSOR		
DISC	DISCONNECT SWITCH	OFM	OUTDOOR FAN MOTOR		
ECB	eSYNC CONTROL BOARD	OFR	OUTDOOR FAN RELAY		
ELM	ECONOMIZER LOGIC MODULE	PL	PLUG		
FLMS	FLAME SENSOR	PR	PUMP RELAY		
FP	FAN PROVING	PT	POWER TRANSFORMER		
FS	FREEZE SENSOR	RAT	RETURN AIR SENSOR		
GFCO	GROUND FAULT CONVENIENCE OUTLET	RC	RUN CAPACITOR		
GL	GROUND LUG	RTU-C	ROOFTOP UNIT CONTROL		
GND	GROUND	SE	SPARK ELECTRODE		
GV	GAS VALVE	TB	TERMINAL BLOCK		
HPC	HIGH PRESSURE CONTROL	WFS	WATER FLOW SWITCH		
HPT	HIGH PRESSURE TRANSDUCER	WP	WATER PUMP		
IBM	INDOOR BLOWER MOTOR BELT DRIVE	WS	WATER SOLENOID		
IDM	INDUCED DRAFT MOTOR	WSR	WATER SHUTOFF RELAY		
IFC	INTEGRATED FURNACE CONTROL	WT	WATER TEMPERATURE SENSOR		

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

WIRING SCHEMATIC

?KHL-C120D

460V 3 PH, 60 HZ.

ROOFTOP W/RTU-C

DR. BY	APP. BY	DATE	DWG. NO.	REV
MGR		1-28-11	90-103246-16	03