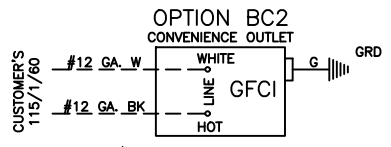


DISCONNECT & WIRE SIZES			
VOLTAGE	ELECTRIC SIZE	WIRE GA	DISCONNECT SIZE
208-230/3/60	9	18.8/21.7	60
	18	36.3/41.9	60
	30	60/69.3	100
	35	72.6/83.7	125
460/3/60	9	11.9	60
	18	21.7	60
	30	34.6	60
	35	41.9	60
575/3/60	10	10.04	60
	20	20.08	60
	30	30.12	60
	40	40.16	60

- NOTES**
- DISCONNECT ALL POWER BEFORE SERVICING.
 - CAUTION: IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH WIRING MATERIAL HAVING A TEMPERATURE RATING OF AT LEAST 105 DEGREES C.,**
 - LINE AND BLOWER MOTOR BRANCH CIRCUIT WIRE SHOULD BE OF A SIZE TO PREVENT VOLTAGE DROP BEYOND FIVE PERCENT OF SUPPLY LINE VOLTAGE.
 - SEE RATING PLATE LABEL FOR MCA, TO DETERMINE LINE FEED COPPER WIRE SIZE. LINE FEEDS CONNECT TO THE LOCKABLE DISCONNECT OR DISTRIBUTION BLOCKS.
 - USE #18 GA. WIRE FOR 24 VOLT CONTROL WIRING ON UNIT.
 - WHEN PROVIDING OR REPLACING FUSES IN THE FUSIBLE DISCONNECT SWITCH USE DUAL ELEMENTS TIME DELAY FUSES AND SIZE ACCORDING TO 1.25 TIMES THE MAXIMUM TOTAL INPUT AMPS.
 - ALL MOTORS MARKED IOL HAVE INTERNAL LINE BREAK.
 - FUSIBLE DISCONNECT IS FIELD FURNISHED OR AVAILABLE FROM FACTORY AS AN OPTION.
 - THE LINE SIDE OF THE DISCONNECT SWITCH MUST BE CONNECTED TO THE INCOMING POWER SUPPLY SUCH THAT THE VOLTAGE BETWEEN L1 AND GROUND IS THE GREATER VALUE.
 - ALL 24 VAC LOW VOLTAGE CONNECTIONS TO UNIT MUST BE CLASS 2.

WIRING CODE
 BLACK - BK
 BROWN - BR
 RED - RD
 ORANGE - OR
 YELLOW - YE
 GREEN - GN
 BLUE - BL
 VIOLET - VI
 WHITE - WH
 GRAY - GY

FIELD CONTROL WIRING		
TOTAL WIRE LENGTH	MINIMUM RECOMMENDED WIRE SIZE	
150 FEET	#18 GA.	
250 FEET	#16 GA.	
350 FEET	#14 GA.	



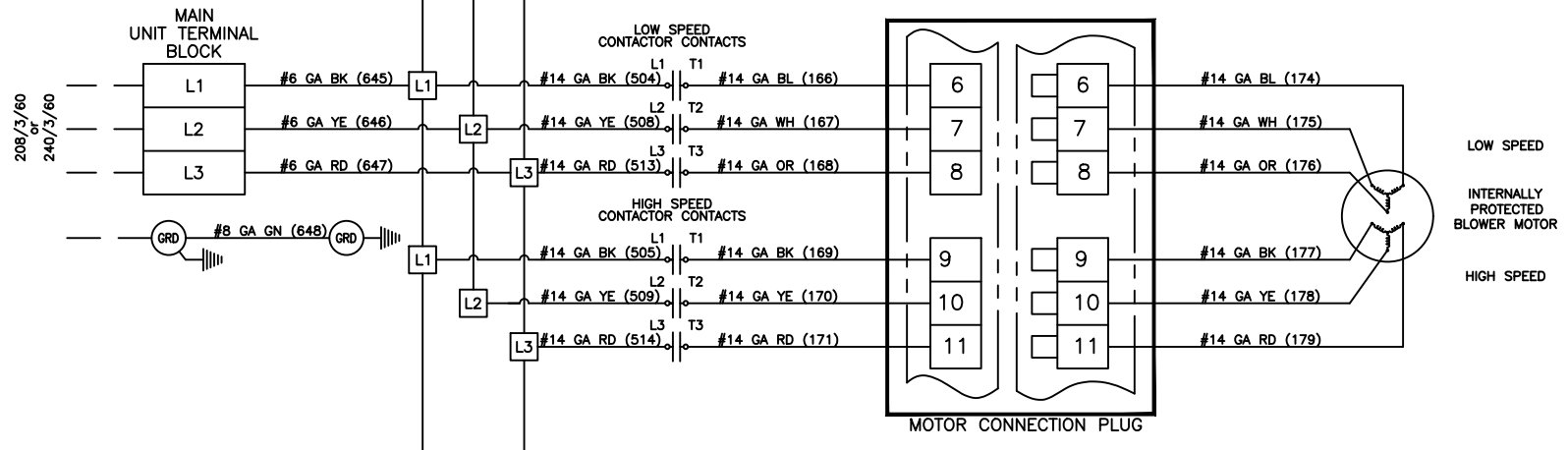
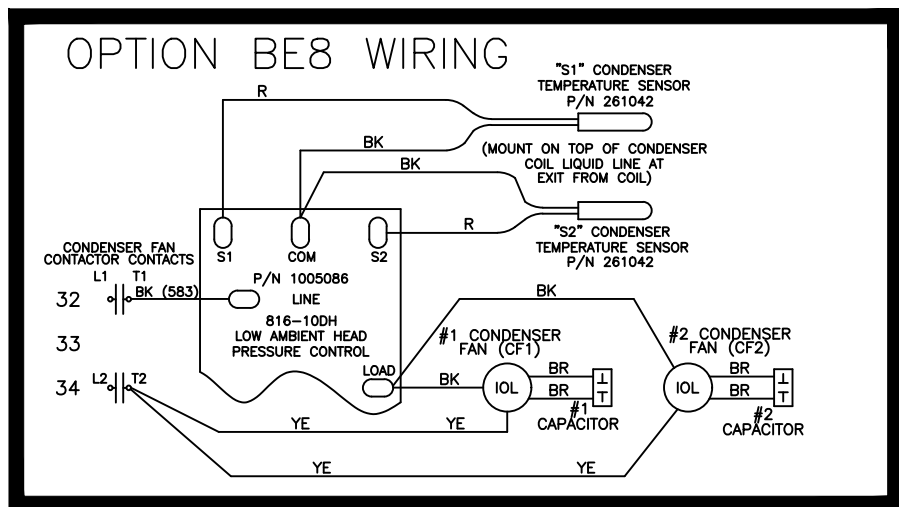
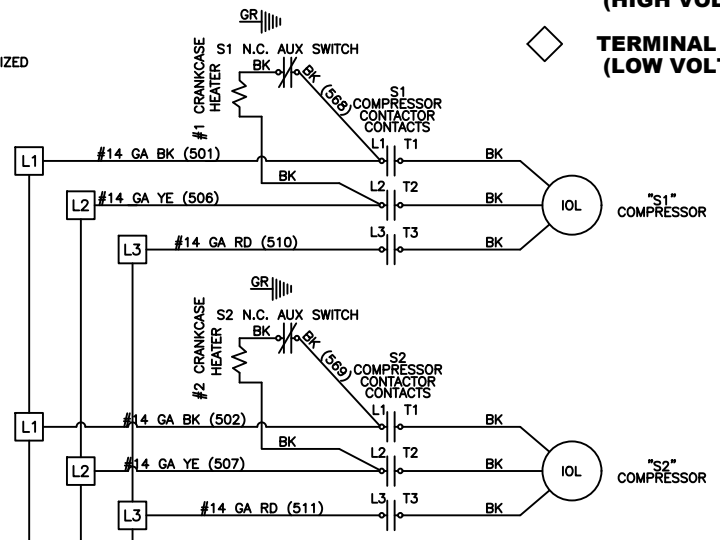
NOTE: CONVENIENCE OUTLET WILL NOT BE DE-ENERGIZED BY OPENING A LINE VOLTAGE DISCONNECT.

FACTORY WIRING
 FIELD WIRING

TERMINAL BLOCK - UNIT PANEL (HIGH VOLTAGE SECTION)
 TERMINAL BLOCK - UNIT PANEL (LOW VOLTAGE SECTION)

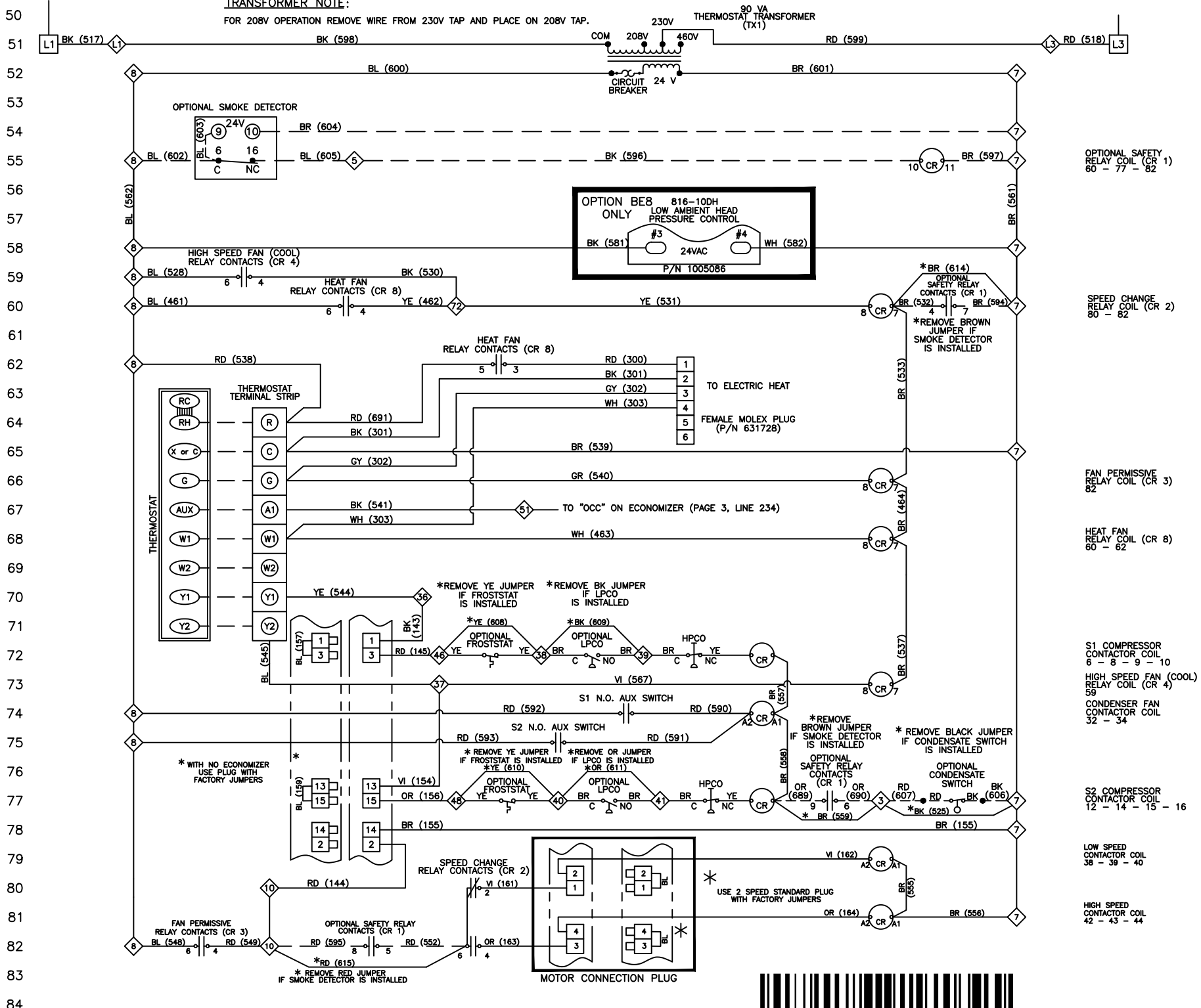
L1
L2
L3

L1
L2
L3
3
5
7
8
10
16
20
21
22
36
37
38
39
40
41
46
48
50
51
52
53
54
72



TRANSFORMER NOTE:

FOR 208V OPERATION REMOVE WIRE FROM 230V TAP AND PLACE ON 208V TAP.



P77Q-90/120: AK20-AMS0

DWG #1012118 SHT. #2 REV A