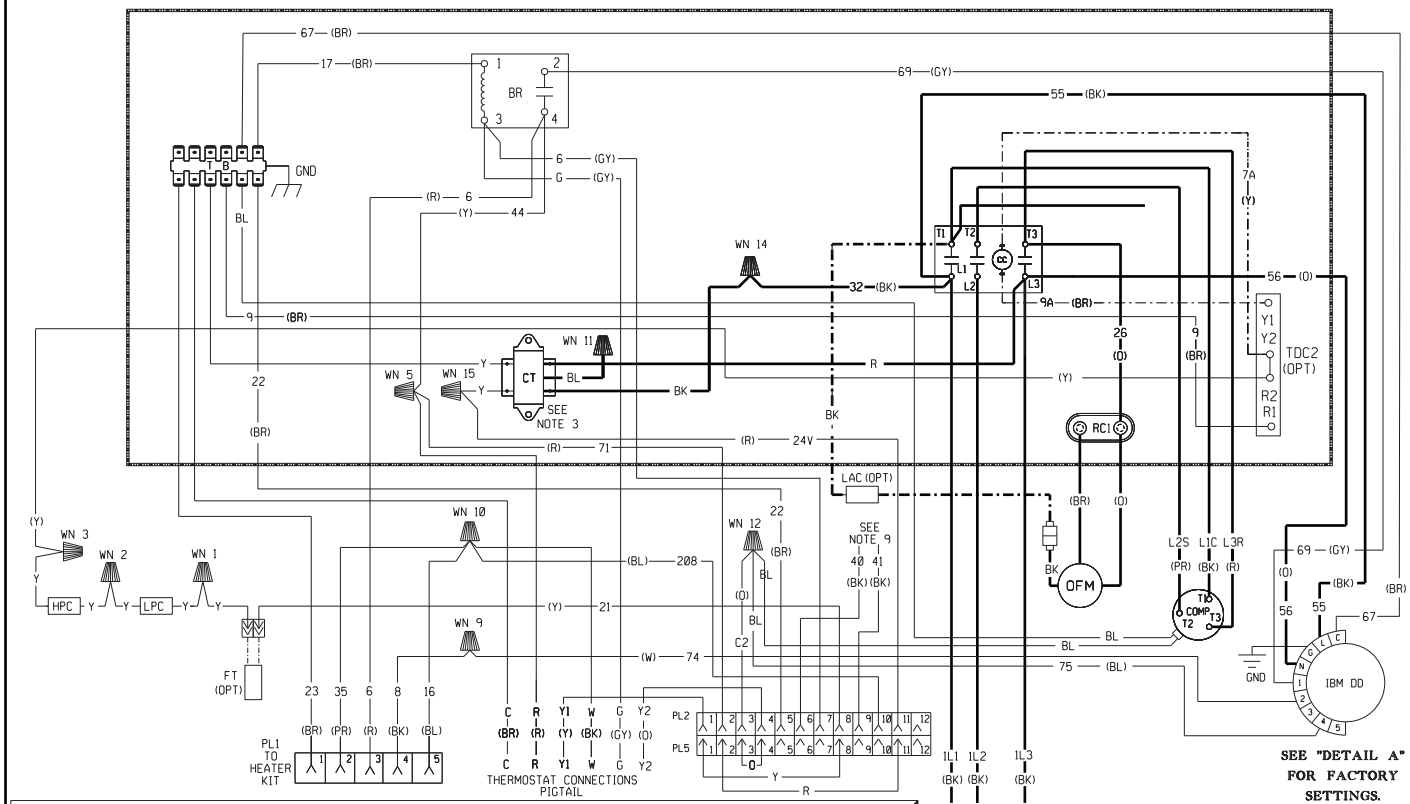
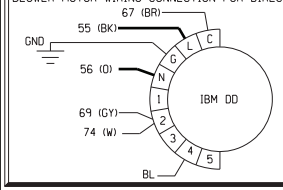
WIRING DIAGRAM



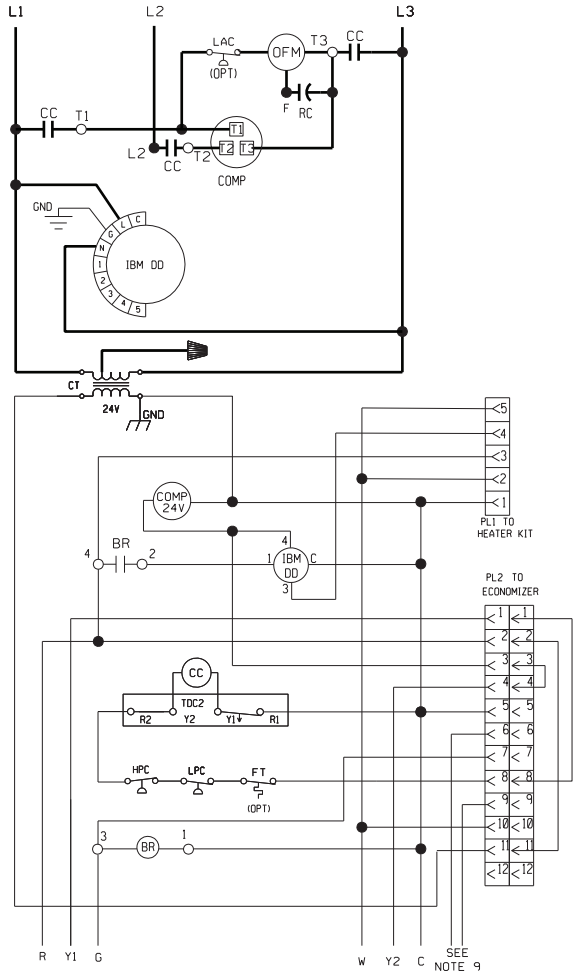
BLOWER MOTOR WIRING CONNECTION FOR DIRECT DRIVE ONLY



DETAIL "A"

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

WIRING SCHEMATIC



WIRING INFORMATION

LINE VOLTAGE
-FACTORY STANDARD ——————
-FACTORY OPTION —·—·—·—·—
-FIELD INSTALLED - - - - - -

LOW VOLTAGE
-FACTORY STANDARD —·—·—·—·—
-FIELD INSTALLED - - - - - - -

REPLACEMENT WIRE
-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105C. 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.

NOTES

1. CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
2. COMPRESSOR MOTOR THERMALLY PROTECTED. ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.
3. CONTROL TRANSFORMER PRIMARY LEADS:
   60 HZ.
   RED-COM., BLUE-208V., BLACK-230V., BLACK/RED-460V., BLACK/BLUE-575V. TRANSFORMER FACTORY WIRED FOR 230 VOLTS ON "J" & "C" MODELS. INTERCHANGE BLACK & BLUE LEADS FOR 208V OPERATION. 460V & 575V MODELS FACTORY WIRED FOR CORRECT VOLTAGE.
   50 HZ.
   ORANGE-COMMON, BLUE-380V, BLACK-415V.
4. CONTACTOR FACTORY WIRED. CONNECT FIELD WIRE TO FACTORY SUPPLIED PIGTAIL.
5. LOW VOLTAGE CIRCUIT IS N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER, 24V, 50/60 HZ SUPPLIED.
6. CONNECT FIELD WIRING IN GROUNDED RAIN TIGHT CONDUIT TO 60 HZ FUSED DISCONNECT.
7. MOTOR FACTORY WIRED FOR CORRECT SPEED.
8. SEE FUSE LABEL ON UNIT FUSE BOX FOR FUSE SIZING AND CLASSIFICATION.
9. WIRES FROM PL2 (6 & 9) GO TO THE MIXED AIR SENSOR ON THE OPTIONAL ECONOMIZER.
10. Y2 IS USED ONLY FOR THE OPTIONAL ECONOMIZER.

COMPONENT CODES

BR	BLOWER RELAY
CC	COMPRESSOR CONTACTOR
COMP	COMPRESSOR
CT	CONTROL TRANSFORMER
FT	FREEZE STAT
GL	GROUND LUG
GND	GROUND
HPC	HIGH PERSSURE CONTROL
IBMDD	INDOOR BLOWER MOTOR DIRECT DRIVE
LAC	LOW AMBIENT COOLING CONTROL
LPC	LOW PRESSURE CONTROL
OFM	OUTDOOR FAN MOTOR
PL	PLUG
RC	RUN CAPACITOR
SC	START CAPACITOR
SR	START RELAY
TB	TERMINAL BLOCK (LOW VOLTAGE)
TDC	TIME DELAY CONTROL
WN	WIRE NUT

WIRE COLOR CODE

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

ELECTRICAL WIRING DIAGRAM

208 / 230 / 460V, 3 PHASE
DIRECT DRIVE / X-MOTOR
PACKAGE AIR CONDITIONER
2-STAGE

APPROVED:	CHECKED:	ORIGINAL RELEASE NO.:
MODELED BY: MGR	DATE: 3-26-13	R-1058S005
PART NO.: 90-23597-31		REV: 02