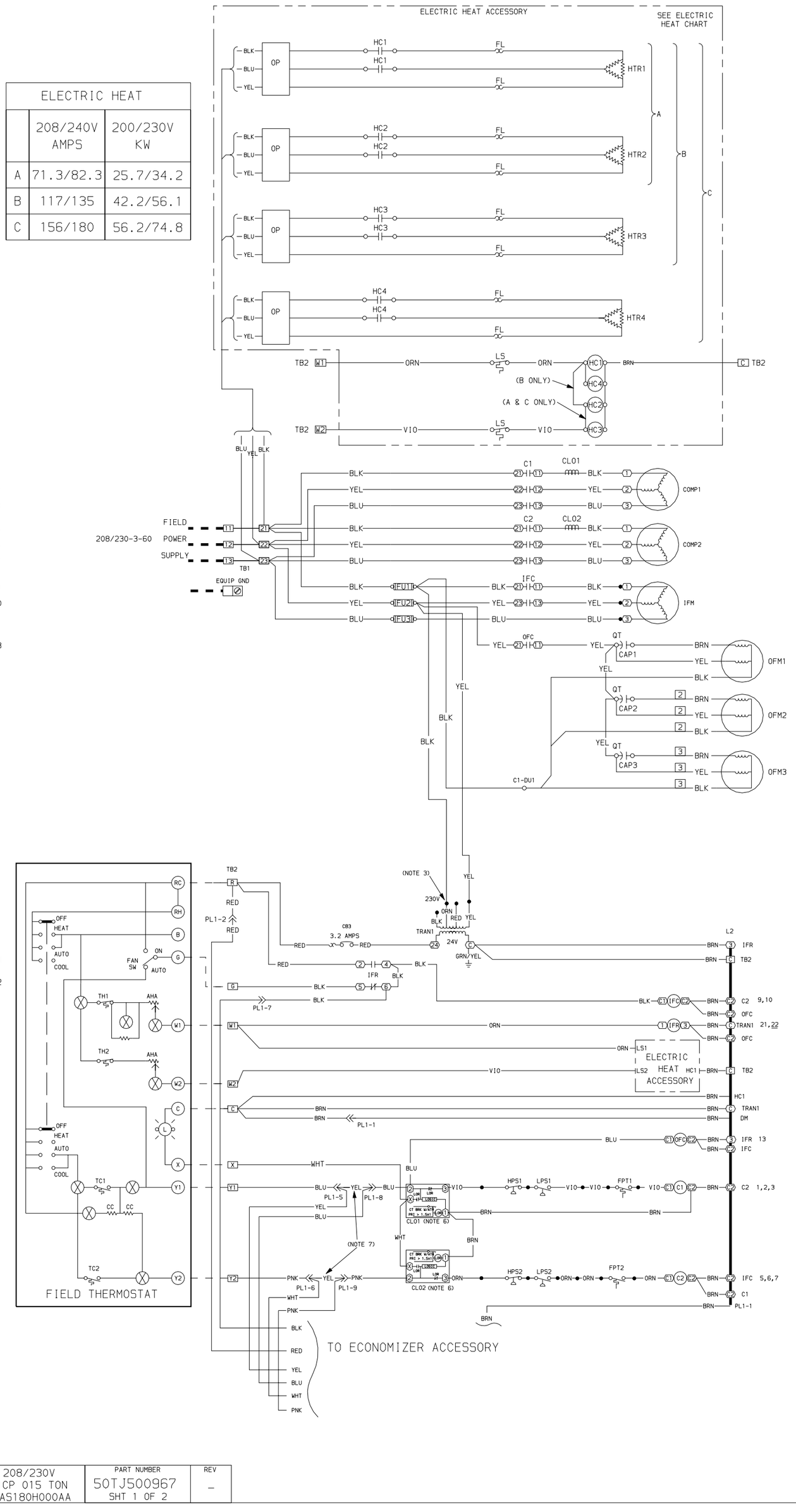
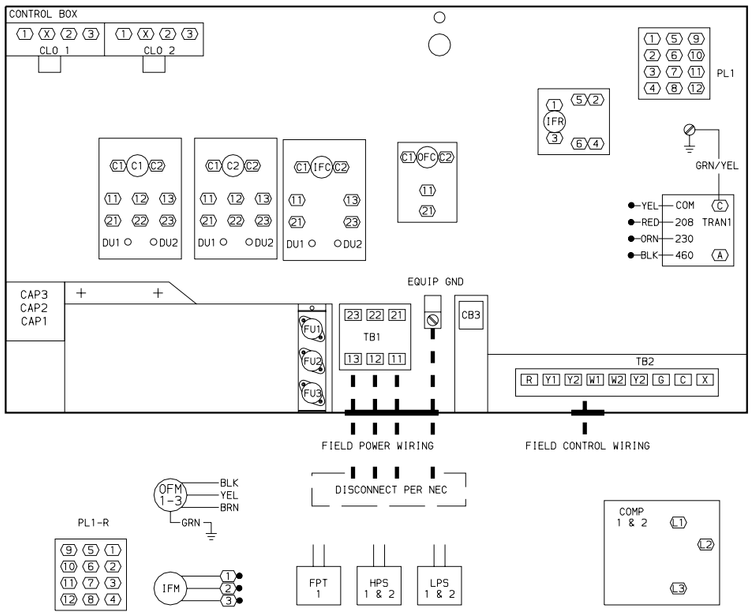
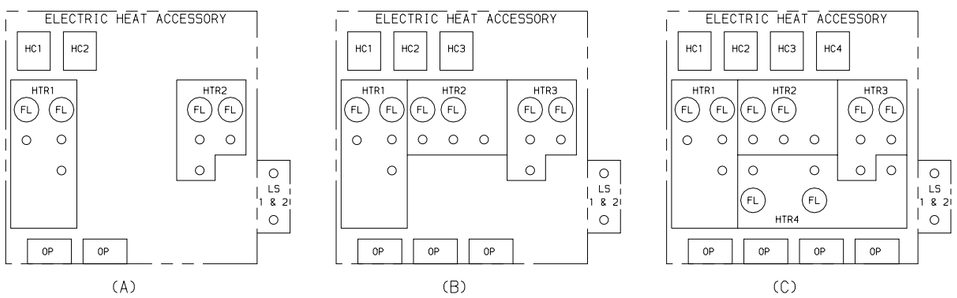
SCHEMATIC



208/230V ICP 015 TON PAS180H000AA	PART NUMBER 50TJ500967 SHT 1 OF 2	REV –

COMPONENT ARRANGEMENT





LEGEND

- TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE
- FACTORY WIRING
- FIELD WIRING
- OPTION/ACCESSORY WIRING
- TO INDICATE COMMON POTENTIAL ONLY: NOT TO REPRESENT WIRING

NOTES

1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED------ THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
2. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90°C WIRE OR ITS EQUIVALENT.
3. TRAN1 IS WIRED FOR 230V OPERATION. IF UNIT IS 208V,DISCONNECT THE BLACK WIRES FROM THE ORN TRAN WIRE AND RECONNECT TO THE RED TRAN WIRE,APPLY WIRENUTS TO WIRES.
6. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
7. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
8. NUMBER(S) INDICATES THE LINE LOCATION OF USED CONTACTS. A BRACKET OVER (2) NUMBERS SIGNIFIES A SINGLE POLE,DOUBLE THROW CONTACT.AN UNDERLINED NUMBER SIGNIFIES A NORMALLY CLOSED CONTACT.PLAIN (NO LINE) NUMBER SIGNIFIES A NORMALLY OPEN CONTACT.

AHA	ADJUSTABLE HEAT ANTICIPATOR
BRK W/AT	BREAKS WITH AMP TURNS
C	CONTACTOR,COMPRESSOR
CAP	CAPACITOR
CB	CIRCUIT BREAKER
CC	COOLING COMPENSATOR
CH	CRANKCASE HEATER
CLO	COMPRESSOR LOCKOUT
CLS	COOLING LOCKOUT SWITCH
COMP	COMPRESSOR MOTOR
CR	CONTROL RELAY
DAT	DISCHARGE AIR THERMISTOR
DM	DAMPER MOTOR
DU	DUMMY TERMINAL
EQUIP	EQUIPMENT
FL	FUSE LINK
FPT	FREEZE PROTECTION THERMOSTAT
FU	FUSE
GND	GROUND
HC	HEATER CONTACTOR
HPS	HIGH PRESSURE SWITCH
HTR	HEATER
IFC	INDOOR FAN CONTACTOR
IFCB	INDOOR FAN CIRCUIT BREAKER
IFM	INDOOR FAN MOTOR
IFR	INDOOR FAN RELAY
IP	INTERNAL PROTECTOR
L	LIGHT
LLSV	LIQ LINE SOLONOID VALVE
LPS	LOW PRESSURE SWITCH
LS	LIMIT SWITCH
MAT	MIXED AIR THERMOSTAT
OAT	OUTDOOR AIR THERMOSTAT
OFC	OUTDOOR FAN CONTACTOR
OFM	OUTDOOR FAN MOTOR
OP	OVERCURRENT PROTECTOR
PL	PLUG ASSEMBLY
PRI	PRIMARY
SR	SOLONOID RELAY
SW	SWITCH
TB	TERMINAL BLOCK
TC	THERMOSTAT COOLING
TDR	TIME DELAY RELAY
TH	THERMOSTAT HEATING
TRAN	TRANSFORMER