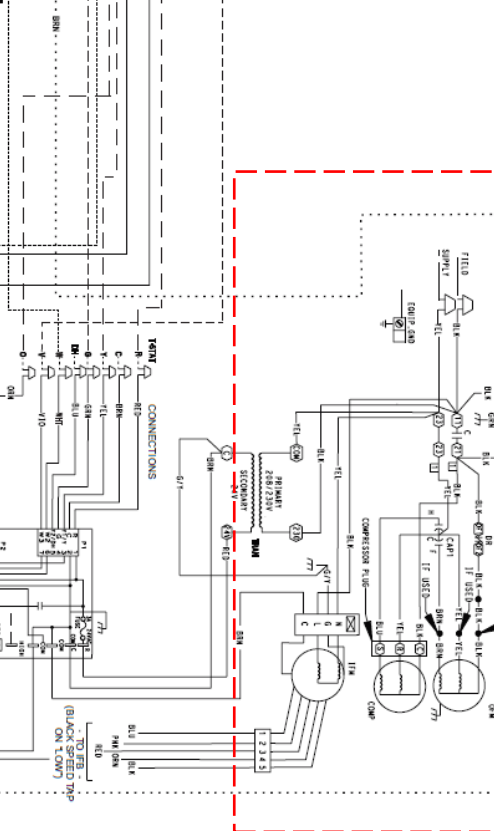
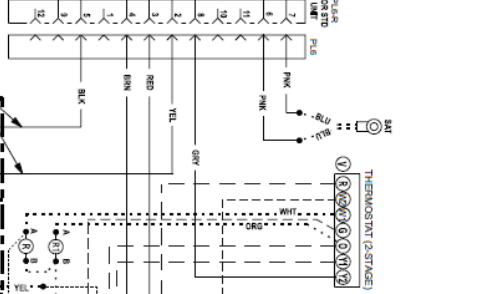
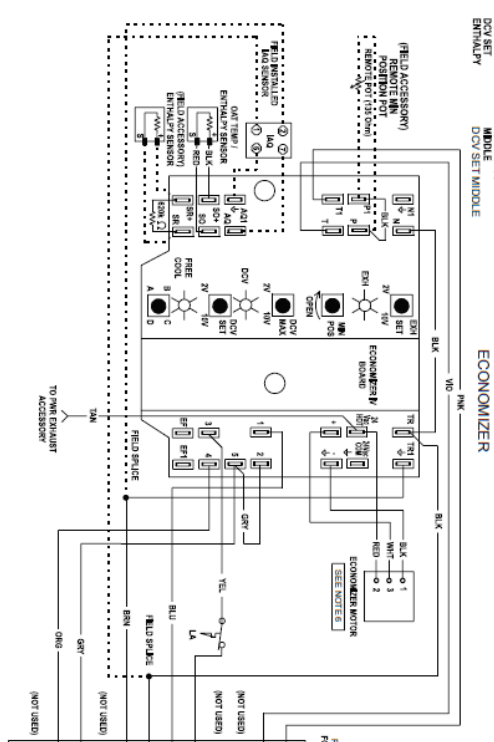
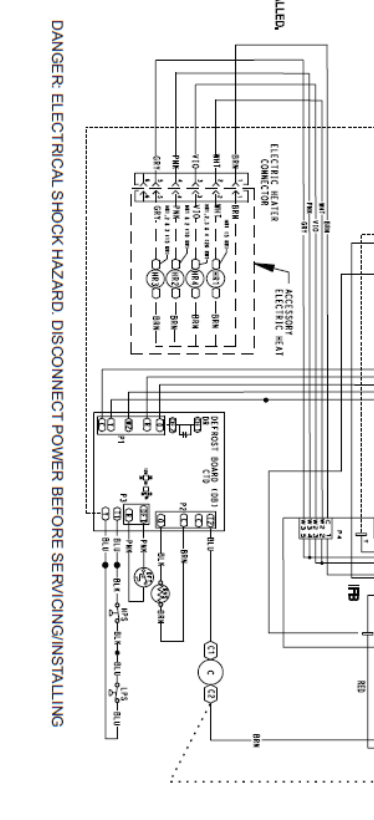


POTENTIOMETER DEFAULT SETTINGS:
 DRY FIELD MINIMUM 14 OPEN
 DRY MAX 14 OPEN
 DRY SET 14 OPEN
 DRY MIN 14 OPEN
 DRY OFF 14 OPEN
 DRY ON 14 OPEN
 DRY OFF 14 OPEN
 DRY ON 14 OPEN



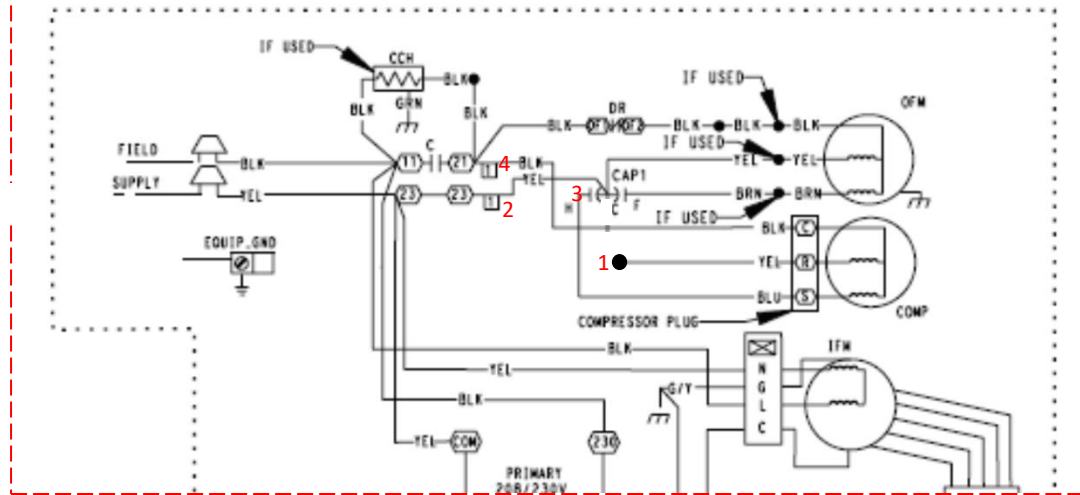
- NOTES:**
1. 620 OHM, 1 WATT 5% RESISTOR SHOULD BE REMOVED ONLY WHEN USING DIFFERENTIAL ENTHALPY OR DRY BULB.
 2. IF A SEPARATE FIELD SUPPLIED 24V TRANSFORMER IS USED FOR THE DAO SENSOR POWER SUPPLY, IT CANNOT HAVE THE SECONDARY OF THE TRANSFORMER GROUND.
 3. FOR FIELD INSTALLED REMOTE MINIMUM POSITION POT. REMOVE BLACK WIRE JUMPER BETWEEN P AND PI AND SET CONTROL MINIMUM POSITION POT TO THE MINIMUM POSITION.
 4. FOR HEAT PUMP UNITS THE AVAILABLE RELAY PACKAGE CRYLW1001A00 CAN BE ORDERED AND FIELD INSTALLED. CONTRACTOR MAY PROVIDE RELAYS AND WIRE ACCORDING TO THIS DIAGRAM. RELAYS MUST BE:
 - SPDT, ONE POLE NORMALLY OPEN, ONE POLE NORMALLY CLOSED.
 - SAME POLARITY, MINIMUM 125VAC INRUSH.
 5. WIRING FACTORY INSTALLED. FIELD CONNECTION TO AVAILABLE RELAY KIT OR FIELD SUPPLIED RELAYS REQUIRED.
 6. FOR VERTICAL ECONOMIZER THE ECONOMIZER MOTOR CONNECTIONS ARE AS SHOWN. FOR HORIZONTAL ECONOMIZER THE ECONOMIZER MOTOR IS ATTACHED TO THE ECONOMIZER IV BOARD. (THE WIRES SHOWN ARE NOT USED) ---BLK, WHT & RED
 7. WHEN NOT USING A CO2 SENSOR, THE DRY MAX POTENTIOMETER MUST BE COMPLETELY CLOSED (CCW) FOR THE MINIMUM POSITION POTENTIOMETER TO FUNCTION CORRECTLY.

- LEGEND**
- SPICE
 - FACTORY WIRING
 - FIELD OR ACCESSORY CONTROL WIRING
 - COMPRESSOR CONTACTOR
 - DEFROST BOARD
 - INDOOR AIR QUALITY SENSORS
 - INDOOR FAN BOARD
 - INTEGRATED GAS UNIT CONTROLLER (WITH FAN CONTROL, BULB-AN)
 - LOW AMBIENT LOCKOUT
 - OUTDOOR AIR TEMPERATURE SENSOR
 - POTENTIOMETER
 - RELAY (FOR HPS)
 - R1
 - SAT



DANGER: ELECTRICAL SHOCK HAZARD. DISCONNECT POWER BEFORE SERVICING/INSTALLING

HVAC UNIT SCHEMATIC 208/230-1-60



	NuStart
1	RUN
N/C	RUN CAP
2	ACTIVE
3	START WINDING
N/C	NOT USED
4	COMMON