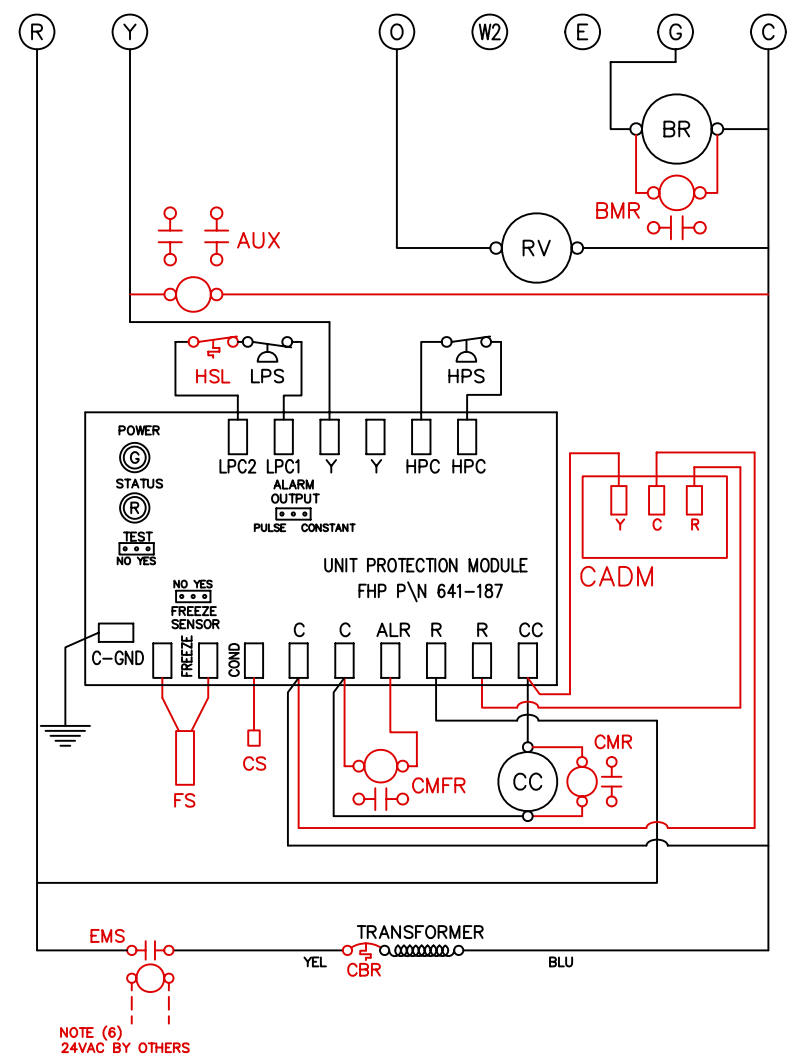
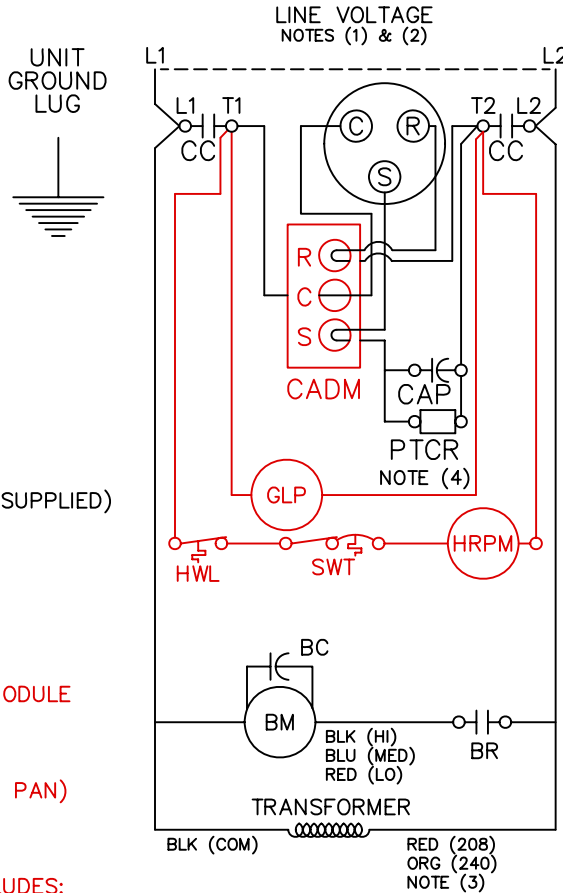


| STATUS LED/ALARM BLINK CODES | |
|------------------------------|---------------------|
| 1 | HIGH PRESSURE FAULT |
| 2 | LOW PRESSURE FAULT |
| 3 | FREEZE SENSOR FAULT |
| 4 | CONDENSATE FAULT |
| 5 | BROWN OUT FAULT |

FACTORY WIRE —————
 FIELD WIRE - - - - -

- STANDARD COMPONENTS LEGEND:**
- BC - BLOWER MOTOR CAPACITOR
 - BM - BLOWER MOTOR
 - BR - BLOWER RELAY
 - CAP - COMPRESSOR CAPACITOR
 - CC - COMPRESSOR CONTACTOR
 - EOVD - EXTERNAL OVERLOAD (NOTE 5)
 - HPS - HIGH PRESSURE SWITCH
 - LPS - LOW PRESSURE SWITCH
 - PTCR - POS TEMP COEFF RESISTOR (WHEN SUPPLIED)
 - RV - REVERSING VLV (HEAT PUMPS)

- OPTIONAL COMPONENTS LEGEND:**
- [] AUX - AUXILIARY RELAY (FOR LOOP PUMP, ETC.)
 - [] BMR - BLOWER MONITOR RELAY
 - [] CADM - COMFORT ALERT DIAGNOSTICS MODULE
 - [] CBR - 24V CRCT BRKR (75VA ONLY)
 - [] CMFR - COMPR MALFUNCTION RELAY
 - [] CMR - COMPR MONITOR RELAY
 - [] CS - CONDENSATE SENSOR (IN DRAIN PAN)
 - [] EMS - ENERGY MGMT SYSTEM RELAY
 - [] FS - FREEZE SENSOR
 - [] GLP - GROUND LOOP PUMP
 - [] HRP - HEAT RECOVERY PACKAGE, INCLUDES:
 - [] HRPM - HEAT RECOVERY PUMP MOTOR
 - [] HWL - HOT WATER LIMIT (140 DEG)
 - [] SWT - ON/OFF SWITCH AND OVERLOAD



- NOTES:**
- SEE UNIT NAME PLATE FOR ELECTRICAL RATING
 - ALL FIELD WIRING MUST BE IN ACCORDANCE WITH N.E.C.-N.F.P.A. #70
 - 208/230V UNITS ARE FACTORY WIRED FOR 230V OPERATION. FOR 208V OPERATION, REMOVE ORG LEAD AND REPLACE WITH RED LEAD. CAP ALL UNUSED LEADS
 - PTCR IS STANDARD ON SELECT UNITS.
 - EXTERNAL OVERLOAD STANDARD ON ALL UNITS EQUIPPED WITH ROTARY COMPRESSORS.
 - FOR ALTERNATE EMS COIL VOLTAGES CONSULT FACTORY.
 - UPM-I INCLUDES BUILT IN: 30-60 SECOND RANDOM START
 5 MINUTE DELAY ON BREAK
 90 SECOND LOW PRESSURE BYPASS
 - "TEST" JUMPER PIN REDUCES DELAYS TO 5 SEC WHEN SET TO YES.
 - "FREEZE SENSOR" JUMPER PIN MUST BE SET TO NO IF FREEZE SENSOR IS NOT INSTALLED.
 - "ALARM OUTPUT" JUMPER PIN MUST BE SET TO PULSE IF BLINKING T-STAT SERVICE LIGHT IS DESIRED.

| | | | |
|--|-----------------|-----------------|----------|
| 1 STAGE - 208/230V - DIRECT DRIVE MOTOR 1-1/2 THROUGH 6 TONS W/O ELECTRIC HEAT UPM-I | | | |
| DWG NO. GT111023 | DRAWN BY RKS | DATE 9-26-06 | REV 3 |