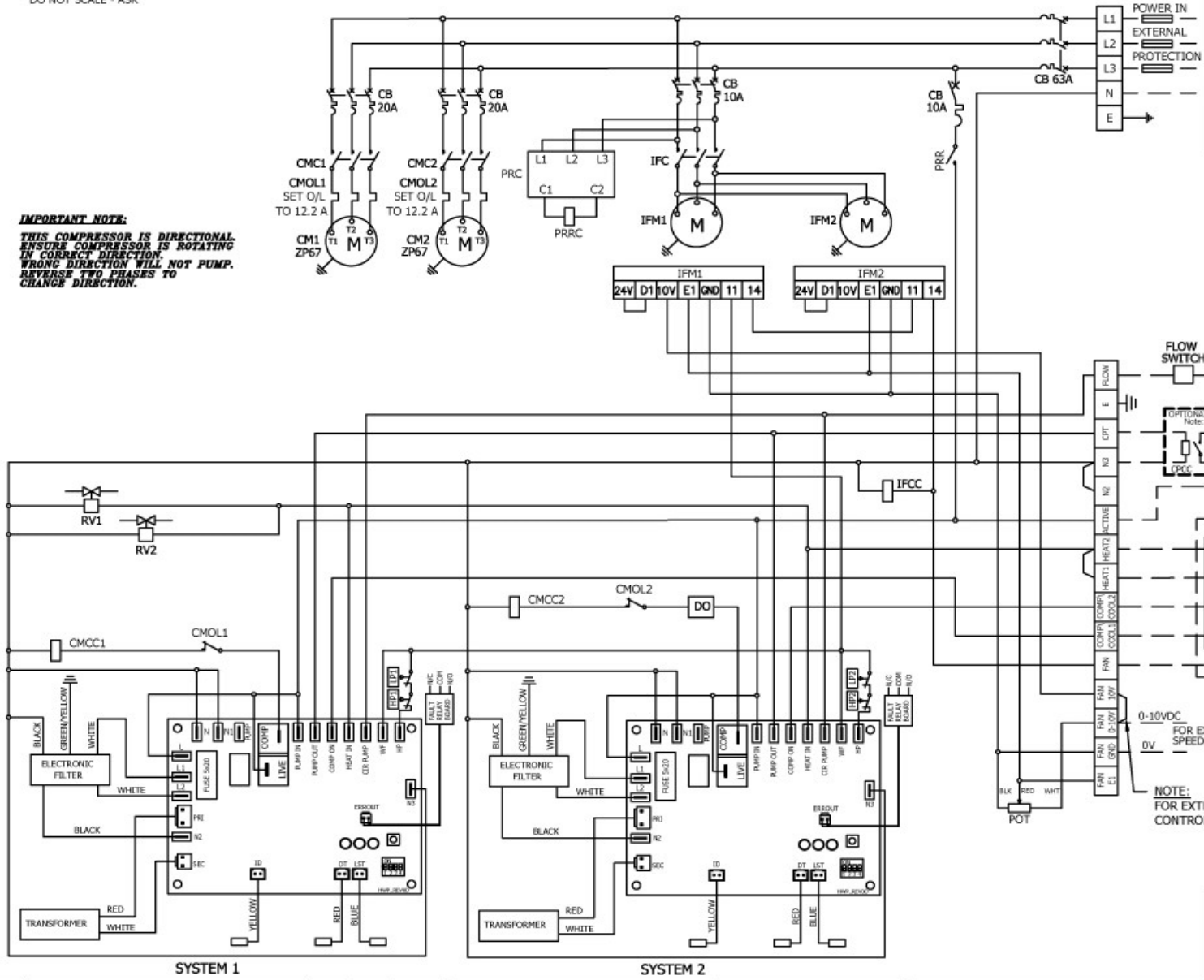


DO NOT SCALE - ASK

IMPORTANT NOTE:
 THIS COMPRESSOR IS DIRECTIONAL. ENSURE COMPRESSOR IS ROTATING IN CORRECT DIRECTION. WRONG DIRECTION WILL NOT PUMP. REVERSE TWO PHASES TO CHANGE DIRECTION.



| CWP0374R (R410A) | | |
|---|------|----------------|
| COMP. ZP67 RUN AMPS AT RATING - COOLING | A/PH | 7.3/7.1/7.1 x2 |
| INDOOR FAN MOTOR CAPACITY | KW | 1.25 x 2 |
| INDOOR FAN MOTOR FLA | A/PH | 2.1/2.1/2.1 |
| TOTAL RUNNING AMPS. | A/PH | 16.7/16.3/16.3 |
| HFC (R410A) SYSTEM1 ZP67 | kg | 2.9 |
| HFC (R410A) SYSTEM2 ZP67 | kg | 2.9 |

| ABBR. | DESCRIPTION |
|-------|---------------------------|
| CB | CIRCUIT BREAKER |
| CM | COMPRESSOR MOTOR |
| CMC | COMPRESSOR CONTACTOR |
| CMCC | COMPRESSOR CONTACTOR COIL |
| CMOL | COMPRESSOR OVERLOAD |
| CPC | CIRC. PUMP CONTACTOR |
| CPCC | CIRC. PUMP CONTACTOR COIL |
| CPT | CIRC. PUMP TERMINAL |
| DO | DELAY ON MAKE 30 SEC |
| FLA | FULL LOAD AMPERE |
| FRB | FAULT RELAY BOARD |
| HP | HI PRESS. CONTROL |
| IFC | INDOOR FAN CONTACTOR |
| IFCC | INDOOR FAN CONTACTOR COIL |
| IFM | INDOOR FAN MOTOR |
| LP | LOW PRESS. CONTROL |
| POT | POTENTIOMETER |
| PRC | PHASE ROTATION CONTROL |
| PRR | PHASE ROTATION RELAY |
| PRRC | PHASE ROTATION RELAY COIL |
| R | REVERSE CYCLE |
| RV | REVERSING VALVE |

Title CWP0374RKTY
 WIRING SCHEMATIC - PROTECTION BOARD



| ISSUE | MODIFICATION | EC/N | DATE | APRVD |
|-------|-------------------------------|-------|----------|-------|
| B | ADDED IFC REMOVED IFR1 & IFR2 | A2361 | 4/10/13 | JPB |
| A | ORIGINAL | | 11/04/13 | JPB |

CLIENT WIRING
 Interconnections between units by client. Double insulated multi-core cable.
 NOTE: CHECK WIRING BEFORE SWITCHING ON, INCORRECT CONNECTION WILL DAMAGE MOTORS.

| STANDARD DIPSWITCH SETTINGS | | | |
|--|-----|----|--|
| | OFF | ON | ON |
| COOL ONLY | 1 | | HEAT PUMP |
| FAULT RELAY ACTIVATED UPON FINAL LOCK OUT. | 2 | | FAULT RELAY ACTIVATED WITH EACH SYSTEM FAULT |
| LIST ACTIVATED AT -2°C | 3 | | LIST ACTIVATED AT -1°C |
| SPARE | 4 | | |

| | | | | | | | |
|-------|-----|-------|----------|-------------|-------------|------|---|
| Drawn | JPB | Date | 11/04/13 | Drawing No. | 291-000-388 | Rev. | B |
| Scale | . | Aprvd | . | | | | |