

**PRINTING INSTRUCTIONS: MAKE EXACTLY 6.00 IN X 7.5 IN. WHITE BACKGROUND WITH BLACK PRINTING**

**MATERIAL: ADS-4574-02, PRESSURE SENSITIVE, ADHESIVE BACKED MATERIAL**

REVISIONS

01 REVISED "R" WIRE FROM TB WAS MISSING COLOR CODE. UPDATED "PL1" AND "COM2" ID'S IN CONTROL BOARD.

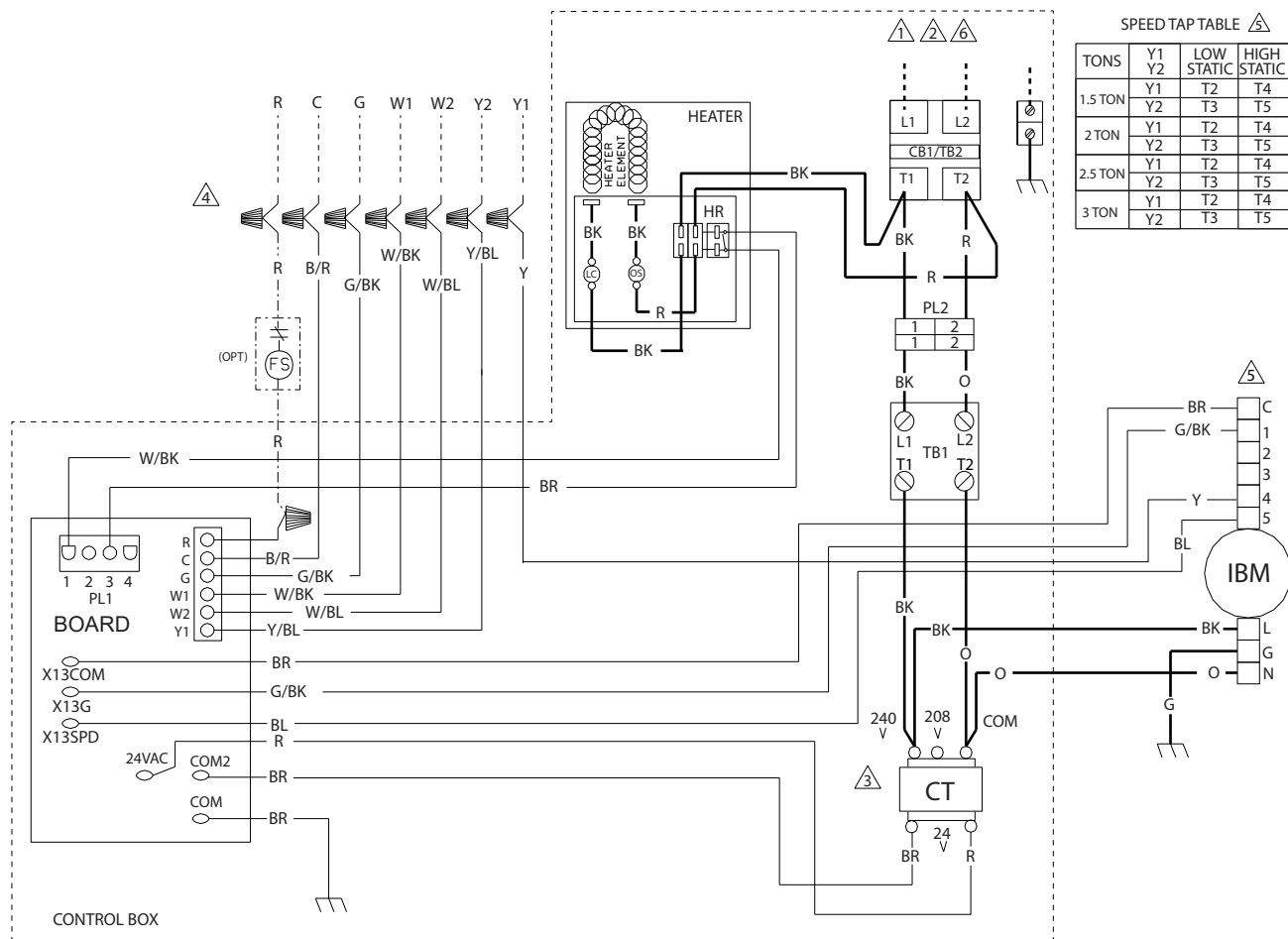
MAB

107527  
9/6/2022

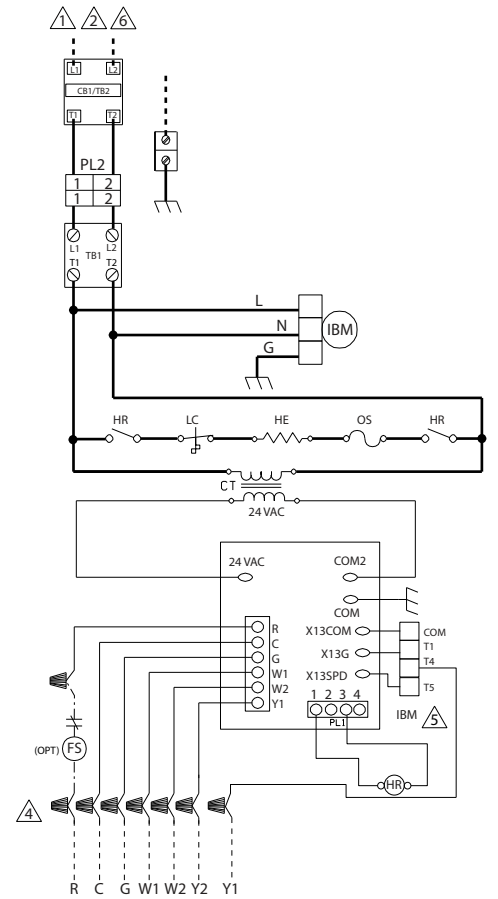
NO REVISION TO DESIGN, MATERIAL, TOOLING, OR PROCESS IS ACCEPTABLE WITHOUT PRIOR APPROVAL FROM RHEEM THROUGH AN AUTHORIZED CHANGE NOTICE. A REVISED ENGINEERING SPECIFICATION AND A RESAMPLING OF PARTS. THE SUPPLIER IS RESPONSIBLE FOR NOTIFYING RHEEM R & D AND PURCHASING DEPARTMENTS IN WRITING OF ANY CHANGES AFFECTING PRODUCT QUALITY, PERFORMANCE, RELIABILITY, PACKAGING, DELIVERY OR WORKMANSHIP. \*ANY DOCUMENTS REFERRED TO ON THIS DRAWING ARE INCLUDED IN THE SPECIFICATIONS FOR THIS COMPONENT.\*

NOTE: THE DOTTED BOX NEAR THE DRAWING NUMBER REPRESENTS A .25 X .25 2D DATA MATRIX. SEE ADS-104669-01 FOR DATA MATRIX SPECS.

**WIRING DIAGRAM**



**SCHEMATIC DIAGRAM**



**WIRING INFORMATION**

**LINE VOLTAGE**  
 -FACTORY STANDARD \_\_\_\_\_  
 -FACTORY OPTION - - - - -  
 -FIELD INSTALLED - - - - -

**LOW VOLTAGE**  
 -FACTORY STANDARD \_\_\_\_\_  
 -FACTORY OPTION - - - - -  
 -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**

- ⚠ CONNECT SUPPLY WIRING FOR VOLTAGE, PHASE AND HERTZ SHOWN ON RATING PLATE.
- ⚠ SUPPLY WIRE MUST BE RATED AT 75°C MIN. SEE INSTRUCTIONS FOR SIZE.
- ⚠ CT FACTORY WIRED FOR 240 VOLTS. MOVE WIRES FROM 240V TO 208V FOR 208V OPERATION.
- ⚠ CONTROL WIRING TO THERMOSTAT.
- ⚠ BLOWER SPEED SELECT (BL WIRE) IS FACTORY WIRED TO FULL TONNAGE HIGH SPEED TAP T5. (SEE SPEED TAP TABLE FOR ALTERNATE CONFIGURATION)
- ⚠ FOR USE WITH COPPER CONDUCTORS ONLY.
- ⚠ USE PL1 FOR OPTIONAL ELECTRIC HEAT.

**COMPONENT CODES**

- BOARD CONTROL BOARD
- BTD BLWR TIME DELAY
- CB/TB CIRCUIT BREAKER OR TERMINAL BLOCK
- CT CONTROL TRANSFORMER
- FL FUSIBLE LINK
- FS FLOAT SWITCH
- GND GROUND
- HE HEATER ELEMENT
- HR HEATER RELAY
- IBM INDOOR BLOWER MOTOR
- LC LIMIT CONTROL
- OPT OPTIONAL
- OS "ONE SHOT" - SINGLE OPERATION
- TEMP CONTROL
- PL POLARIZED PLUG
- RC RUN CAPACITOR
- TDR TIME DELAY RELAY
- ⚠ WIRE NUT

**WIRE COLOR CODE**

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

**ELECTRICAL WIRING DIAGRAM**

**ELECTRICAL AIR HANDLER**  
**208/240V CONSTANT TORQUE MOTOR**  
**3-5 KW ELECTRIC HEAT**  
**2-STAGE**

APPROVED:	CHECKED:	ORIGINAL RELEASE NO.:
MODELED BY: MAB	DATE: 11/9/2021	103230
PART NO.:	90-101897-19	REV: 01