REVISED SCHEMATIC CONTACTORS WIRING NO REVISION TO DESIGN, MATERIAL, TOOLING, OR PROCESS IS ACCEPTABLE PRINTING INSTRUCTIONS: MAKE EXACTLY G-0003S580 04 WITHOUT PRIOR APPROVAL FROM RHEEM THROUGH AN AUTHORIZED CHANG VYM 3/8/19 7.0 IN X 10.0 IN. WHITE BACKGROUND NOTICE, A REVISED ENGINEERING SPECIFICATION AND A RESAMPLING OF WITH BLACK PRINTING REVISED MOTOR SPEED WIRING TABLE BL/4 WAS BK/5 G-0003S501 PARTS. THE SUPPLIER IS RESPONSIBLE FOR NOTIFYING RHEEM R & D AND 02 PURCHASING DEPARTMENTS IN WRITING OF ANY CHANGES AFFECTING UPDATED MISC SPELLING ERRORS AND LOW VOLTAGE WIRING LINE TYPES CCG 7/6/17 PRODUCT QUALITY, PERFORMANCE, RELIABILITY, PACKAGING, DELIVERY OR MATERIAL: ADS-4574-01, PRESSURE G-1019S191 03 ADDED 70/21" WIDE INFO. ON MOTOR SPEED WIRING TABLE. WORKMANSHIP. "ANY DOCUMENTSREFERRED TO ON THIS DRAWING ARE SENSITIVE, ADHESIVE BACKED MATERIAL VYM 7/16/18 INCLUDED IN THE SPECIFICATIONS FOR THIS COMPONENT". ADDED NOTE UNDER MOTOR SPEED WIRING TABLE MOTOR SPEED WIRING = CHASIS GROUND CONNECTOR PL-7 — 4 PIN CONNECTOR PL-10 CONNECTOR PL-6 FURNACE LOW COOL CONT FAN HEAT . FACTORY IBM CONTROL VOLTAGE LINE VOLTAGE 115 VAC INPUT / SIZE = EARTH GROUND R/1 Y/2 40 / 17"WIDE BL/4 PR/3 60 / 17" WIDE Y/2 BI /4 R/1 70 / 17" WIDE PR/3 BL/4 Y/2 GND \*70 / 21"WIDE Y/2 R/1 BK/5 R/1 THERMOSTAT TO CC 85 / 21"WIDE BK/5 R/1 ᅈ Y/2 NEUTRAI R C Y G W2 W 100 / 21"WIDE PR/3 R/1 BK/5 Y/2 <u>™</u> 000000 115 / 21"WIDE PR/3 R/1 BK/5 Y/2 |<u></u> NEU Ř Č Ý Ġ W2 W NEUTRAL NEU Use jumper 45-107089-01 to connect the (2) R/1 terminals. BL/4,PR/3 go to M1 & 2. N YI Q€AC)o∙ 0 ΝΝ CONNECTOR PL-11 O G EAC EAC CONNECTOR SF BI <u>ې د</u> PR Bk P4 © R IBM GND P4-1 7-PIN — CONNECTOR PL-2 (2) WS P2 [ TO P-2 00 GND BR CONTROL TO PS -SEE TABLE TO HPC --- PR/W NEUTRAL TO MRLC -R/G-FAN 120VAC TO GVC --- Y -0P M M M 0 PL-9 TO LGV -— w -LC PR/BK - TO MGV---- BL --P1-2 —≫ P1-4 GND \_TO FLMS — 0 1 HPC LO HEAT —TO LC HUM OOD NEUTRALS P1-5 HI HEAT 를 M 등 [ 디디 1 111 2 NEUTRAL IN J BOX M1 R/Bk P2-J R/G OVERTEMP. SWITCHES 120VAC IN PBS HIIM 4-3 LGVR LPC ₩ BK . LOW SPEED (OPTIONAL) TO 115/1/60 IDR — 5-PIN CONNECTOR 3 2-STAGE GAS VALV - BK PL-1 TO P-1 HIGH SPEED ġ COMPARTMENT COMPARTMENT a(rom) NEUTRAL P3\_1 P2-4 TO IDM GND HGVR H RC TO GND R/RK o(нісн): GND GNU CONNECTOR 3-PIN — CONNECTOR PL-11 P2\_7 (MAIN LIMIT CONNECTOR P1-4 FLMS CONTROL) BURNER BLOWER TO P-4 SPARK IGNITER TO WS -ON IEC 2 STAGE GND MAIN -TO WS **⊕** - SK - BK -TO LPC - PR/BK GND TO FURNACE CABINET IFC 90+ VAL VE — 3-PIN CONNECTOR TO LC - R/W IGNITER VOLTAGE GND PL-3 CONNECTOR PL-10 TO IDM - R PBS (BLOWER DOOR SWITCH) J - BOX FLAME SENSOR TO P-3 TO IDM --- BK ON IFC TO IDM -IN DOOR BRACKET WIRE COLOR CODE ..BLACK PR.....PURPLE G GREEN BR.....BROWN GY.....GRAY R.....RED WIRING INFORMATION **NOTES COMPONENT CODES** ..BLUE 0.... ..ORANGE W.....WHITE LINE VOLTAGE (1) REFER TO SPEC SHEET FOR ACTUAL BLOWER RELAY INDUCED DRAFT RELAY Y.....YELLOW INDUCED DARFT RELATION TO THE CONTROL
LIMIT CONTROL
LOW GAS VALVE
LOW PRESSURE CONTROL -FACTORY STANDARD FACTORY MOTOR TAP PLACEMENT OF COMMON COOLING CONTACTOR ELECTRICAL WIRING DIAGRAM -FACTORY OPTION "HEAT" & "FAN" AS SOME MODELS MAY CONTROL TRANSFORMER BE DIFFERENT THAN SHOWN HERE, ALSO -FIELD INSTALLED DISC DISCONNECT SWITCH MC MGV MRL NEU REFER TO SPEC. SHEET OR INSTALLATION ELECT. AIR CLEANER OUTPUT LOW VOLTAGE FAC MEMORY CARD MANUAL IF WIRING OF HEAT AND/OR UPFLOW / DOWNFOLW - HORIZONTAL FLMS FLAME SENSOR -FACTORY STANDARD MAIN GAS VALVE MAN RESET LIMIT CONTROL COOL SPEEDS IS NOT DESIREABLE. FAN RELAY BLOWER INDUCED DRAFT -FACTORY OPTION FU **FUSE** NEUTRAL TWO STAGE 90PLUS CONNECT UNUSED MOTOR LEADS TO GROUND NEGATIVE PRESSURE CONT. -FIELD INSTALLED CONSTANT TORQUE SELEC-TECH PUSH BUTTON SWITCH POWER FACTOR CHOKE M1 AND/OR M2 GAS VALVE COMMO COMMON PBS REPLACEMENT WIRE GVR PEC GAS FIRED, FORCED AIR FURNACE -MUST BE THE SAME SIZE AND TYPE TWO OR THREE MRLC SWITCHES MAY HALC HEAT ASSISTED LIMIT CONTROL PLUG OF INSULATION AS ORIGINAL (105C. MIN.) BE PRESENT DEPENDING ON MODEL. HCR HEAT/COOL RELAY PRESSURE SWITCH APPROVED CHECKED ORIGINAL RELEASE RC RUN CAPACITOR HGV HIGH GAS VALVE WARNING THE DOTTED BOX NEAR THE DRAWING SPARK ELECTRODE -CABINET MUST BE PERMANENTLY GROUNDED Ğ-1025S001 MODELED HUM HUMIDIFIER OUTPUT THERMISTOR JIM NUMBER REPRESENTS A .25 X .25 DATA MATRIX. AND CONFORM TO I.E.C., N.E.C., C.E.C., 2-11-16 IBM INDOOR BLOWER MOTOR WATER SENSOR NATIONAL WIRING REGULATIONS, AND LOCAL SEE ADS-104669-01 FOR DATA MATRIX SPECS.

INDUCED DRAFT MOTOR

CODES AS APPLICABLE.

WIRE NUT

PART NO.:

REV:

90-106223-01