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 REVISED MOTOR SPEED WIRING TABLE AND NOTE UNDER IT. WITH BLACK PRINTING Y-0699S069 PARTS. THE SUPPLIER IS RESPONSIBLE FOR NOTIFYING RHEEM R & D AND 05 PURCHASING DEPARTMENTS IN WRITING OF ANY CHANGES AFFECTING VYM 06/10/19 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 HEAT FACTORY CØØL CONT FAN IBM CONTROL VOLTAGE LINE VOLTAGE 115 VAC INPUT / SIZE = EARTH GROUND PR/3 \*40 / 17"WIDE R/1 BL/4 R/1 PR/3 60 / 17" WIDE Y/2 BI /4 R/1 \*70 / 17" WIDE PR/3 R/1 BL/4 R/1 GND \*70 / 21"WIDE Y/2 R/1 BK/5 R/1 THERMOSTAT TO CC 85 / 21"WIDE BK/5 R/1 ᅈ BL/4 Y/2 NEUTRAI R C Y G W2 W R/1 \*100 / 21"WIDE PR/3 R/1 BK/5 <u>™</u> 000000 \*115 / 21"WIDE PR/3 R/1 R/1 BK/5 |<u></u> NEU \*NOTE Ř Č Ý Ġ W2 W NEU "NOTE"
Attach "7" connector of jumper 45-107089-01 to Low Heat Terminal.
For indicated models, attach jumper lead to Fan Terminal on IFC.
Connect the Low speed tap to the open terminal of the "7" connector. N YI Q€AC)o∙ NEUT 0 ΝΝ O G EAC EAC CONNECTOR On other models, attach "Y" to Low Heat Terminal and place jumper wire BI <u>ې د</u> PR Bk On all models, attach unused motor leads on M1 and M2. P4 © R IBM - 0 P4-1 7-PIN — CONNECTOR PL-2 GND (2) WS P2 [ 00 TO P-2 GND BR CONTROL TO PS -SEE TABLE TO HPC --- PR/W NEUTRAL TO MRLC -R/G-FAN 120VAC TO GVC --- Y -OB MA 0 PL-9 TO LGV -— w -LC PR/BK - TO MGV---- BL --P1-2 GND \_TO FLMS — 0 1 P1-4 HPC LO HEAT —TO LC HUM OOD NEUTRALS P1-5 HI HEAT 를 M 등 디디 1 111 2 NEUTRAL IN J BOX R/Bk MI 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 INTEGRATED FURNACE CONT -FACTORY STANDARD FACTORY MOTOR TAP PLACEMENT OF COMMON LIMIT CONTROL
LOW GAS VALVE
LOW PRESSURE CONTROL 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 MRLI 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 NEGATIVE PRESSURE CONT. -FIELD INSTALLED GROUND 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

IBM

NUMBER REPRESENTS A .25 X .25 DATA MATRIX.

SEE ADS-104669-01 FOR DATA MATRIX SPECS.

AND CONFORM TO I.E.C., N.E.C., C.E.C.,

CODES AS APPLICABLE.

NATIONAL WIRING REGULATIONS, AND LOCAL

HUMIDIFIER OUTPUT

INDOOR BLOWER MOTOR

INDUCED DRAFT MOTOR

THERMISTOR

WIRE NUT

WATER SENSOR

JIM

PART NO.:

2-11-16

90-106223-01

REV: