

PRINTING INSTRUCTIONS: MAKE EXACTLY 8.00 IN X 10.75 IN. WHITE BACKGROUND WITH BLACK PRINTING

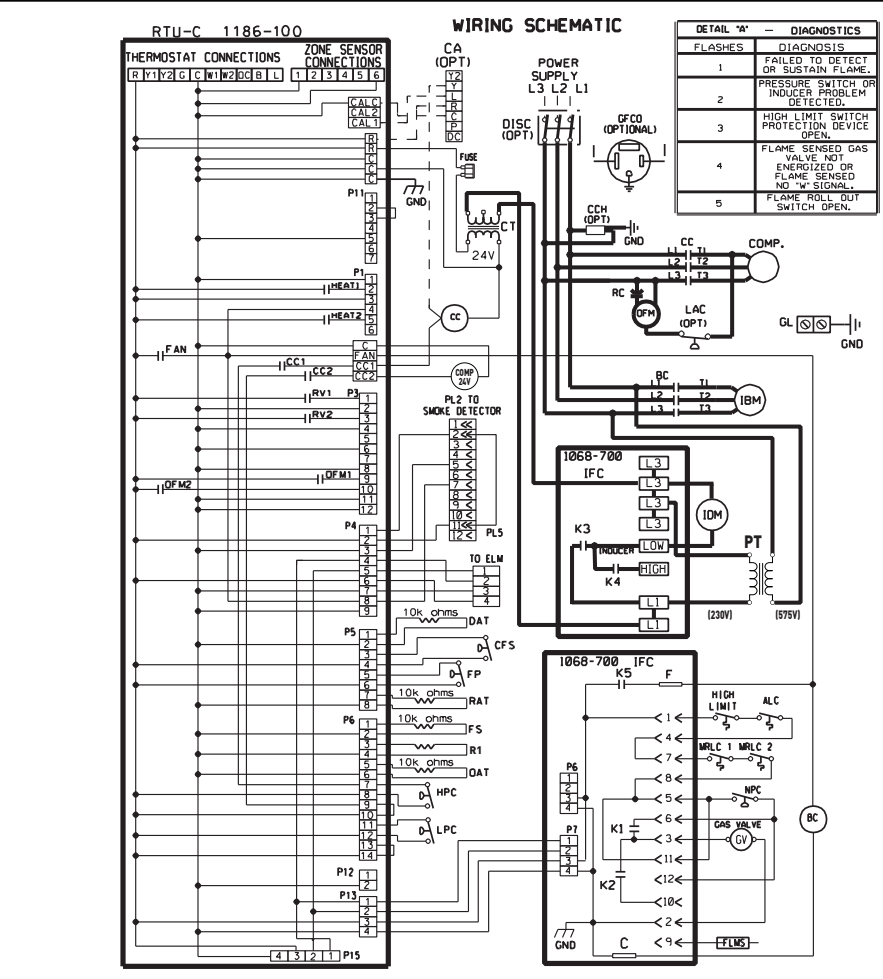
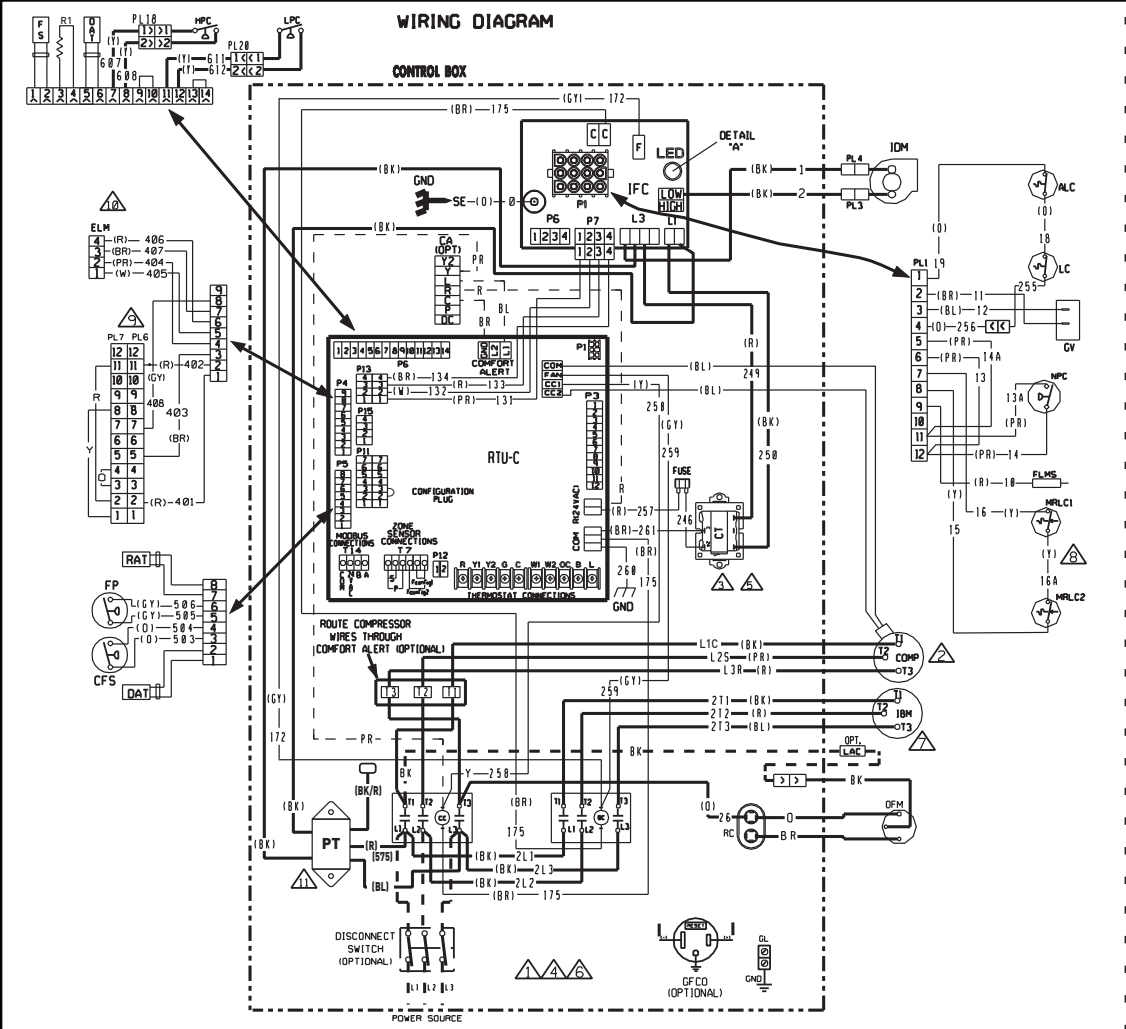
MATERIAL: ADS-4574-02, PRESSURE SENSITIVE, ADHESIVE BACKED MATERIAL

REVISIONS

01	REVISED SCHEMATIC CONNECTIONS, DELETED WIRINGS 173 AND 174, REVISED CONNECTIONS ON RTU-C	VYM	R-1074S019 01-14-19
02	REVISED WIRING CONNECTIONS FROM 24V CONTROL TRANSFORMER ON SCHEMATIC.	VYM	R-1074S020 01-31-19

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.



DETAIL 'A' - DIAGNOSTICS	
FLASHES	DIAGNOSIS
1	FAILED TO DETECT OR SUSTAIN FLAME.
2	PRESSURE SWITCH OR INDUCER PROBLEM DETECTED.
3	HIGH LIMIT SWITCH PROTECTION DEVICE OPEN.
4	FLAME SENSED GAS VALVE NOT ENERGIZED OR FLAME SENSED NO 'W' SIGNAL.
5	FLAME ROLL OUT SWITCH OPEN.

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 GROUND AND CONFORM TO I.E.C., N.E.C., C.E.C., NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.

NOTES

CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.

COMPRESSOR MOTOR THERMALLY PROTECTED, ALL 3 PHASE MODELS ARE PROTECTED UNDER PRIMARY SINGLE PHASE CONDITIONS.

CONTROL TRANSFORMER (CT): 230V PRIMARY; 24V SECONDARY.

CONNECT FIELD WIRE TO FACTORY SUPPLIED POWER BLOCK IN ELECTRICAL BOX.

LOW VOLTAGE CIRCUIT IS N.E.C CLASS 2 WITH A CLASS 2 TRANSFORMER, 24V, 50/60 HZ SUPPLIED.

CONNECT FIELD WIRING IN GROUND RAIN TIGHT CONDUIT TO FUSED DISCONNECT.

MOTOR FACTORY WIRED FOR CORRECT VOLTAGE.

ONLY ONE MRLC IS NEEDED ON THE 80,000 BTUH INPUT MODEL.

REMOVE PL7 FOR SMOKE DETECTOR ACCESSORY. PL 6 & PL7 LOCATED IN RETURN AIR SECTION.

ECONOMIZER LOGIC MODULE (ELM).

POWER TRANSFORMER (PT): 575V PRIMARY; 230V SECONDARY.

COMPONENT CODES

ALC AUXILIARY LIMIT CONTROL
 BC BLOWER CONTACTOR
 CA COMFORT ALERT MODULE
 CC COMPRESSOR CONTACTOR
 CFS CLOGGED FILTER SWITCH
 COMP COMPRESSOR
 CT CONTROL TRANSFORMER
 DAT DISCHARGE AIR SENSOR
 DISC DISCONNECT SWITCH
 FLMS FLAME SENSOR
 FP FAN PROVING
 FS FREEZE SENSOR
 GFCO GROUND FAULT CONVENIENCE OUTLET
 GL GROUND LUG
 GND GROUND
 GV GAS VALVE
 HPC HIGH PRESSURE CONTROL

IBM INDOOR BLOWER MOTOR BELT DRIVE
 IDM INDUCED DRAFT MOTOR
 IFC INTEGRATED FURNACE CONTROL
 LAC LOW AMBIENT COOLING CONTROL
 LC LIMIT CONTROL
 LPC LOW PRESSURE CONTROL
 MRLC MANUAL RESET LIMIT CONTROL
 NPC NEGATIVE PRESSURE CONTROL
 OAT OUTSIDE AIR SENSOR
 OFM OUTDOOR FAN MOTOR
 PLUG PLUG
 PT POWER TRANSFORMER
 RAT RETURN AIR SENSOR
 RC RUN CAPACITOR
 RTU-C ROOFTOP UNIT CONTROL
 SE SPARK ELECTRODE
 WIRE NUT

WIRE COLOR CODE

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

ELECTRICAL WIRING DIAGRAM

575V 3 PH, 60 HZ.
ROOFTOP W/RTU-C
6 TON - 2 STAGE

APPROVED:	CHECKED:	ORIGINAL RELEASE NO.:
MODELED BY: VYM	DATE: 09/21/18	R-1074S013
PART NO.:	90-23596-63	REV: 02