INSTALLATION INSTRUCTIONS COMMUNICATING SYSTEM 2 WIRE KIT RXME-A02

⚠ Recognize this symbol as an indication of Important Safety Information!

⚠ WARNING

THIS ACCESSORY IS TO BE INSTALLED BY A QUALIFIED, LICENSED SERVICE PERSON. TO AVOID UNSATISFACTORY OPERATION OR DAMAGE TO THE PRODUCT AND POSSIBLE UNSAFE CONDITIONS, INCLUDING ELECTRICAL SHOCK, REFRIGERANT LEAKAGE AND FIRE, THE INSTALLATION INSTRUCTIONS PROVIDED WITH THIS ACCESSORY MUST BE STRICTLY FOLLOWED AND THE PARTS SUPPLIED USED WITHOUT SUBSTITUTION. DAMAGE TO THE PRODUCT RESULTING FROM NOT FOLLOWING THE INSTRUCTIONS OR USING UNAUTHORIZED PARTS MAY BE EXCLUDED FROM THE MANUFACTURER'S PRODUCT WARRANTY COVERAGE.

PARTS LIST		
DESCRIPTION	**PART NUMBER**	**QTY.**
Transformer	46-101905-02	1
Red Wire 18 AWG 18", 1/4" insulated flag QC to strip	AS-50202-25-BA*	1
Brown Wire 18 AWG 18", 1/4" insulated flag QC to strip	AS-50207-25-BA*	1
Black Wire 18 AWG 18", 1/4" Piggy Back 1/4" insulated QC	AS-50202-25-DB*	1
Orange Wire 18 AWG 18", 1/4" Piggy Back 1/4" insulated QC	AS-50206-25-DB*	1
Brown Wire 18 AWG 6", 1/4" strip back to eyelet	AS-50207-09-AC	1
Screws	63-42109-01	4
Carton	99-17100-12	1
Metal Cover	AE-103041-01	1
Grommet	47-17057-11	2
Installation Instructions	92-103037-01	1

NOTE: *B indicates insulated quick connect (45-22979-01)

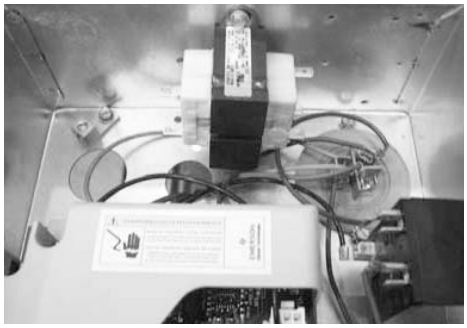
The communicating system 2 Wire Kit uses a transformer in the outdoor unit to allow the system to operate with only 2 wires between the outdoor unit and the indoor unit.

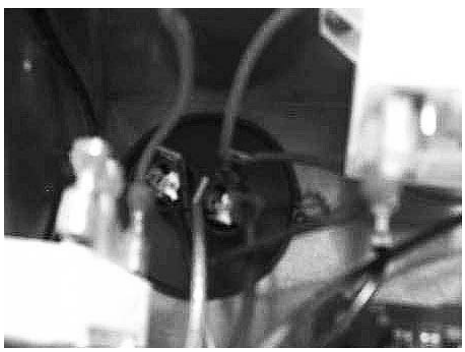
This Kit will not work with traditional 24 VAC systems.

⚠ WARNING

BEFORE BEGINNING ANY MODIFICATION, BE SURE MAIN DISCONNECT SWITCH IS IN THE "OFF" POSITION. TAG DISCONNECT WITH A SUITABLE WARNING LABEL.

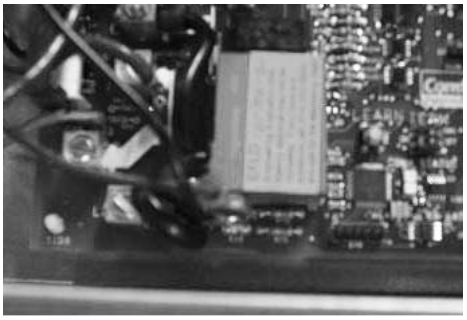
1. Disconnect power from the system. Remove unit cover and control box cover.
2. Install the kit transformer as shown on the side of the control box using the screws provided.



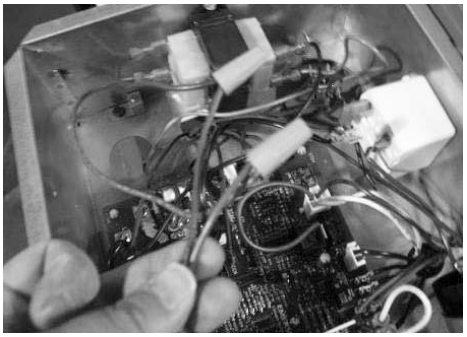


3. Connect the orange wire, provided with kit, from the kit transformer 240 or 208V terminal to the COM terminal on the unit run capacitor. The insulated terminal on the orange wire goes on the transformer terminal. The piggyback terminal goes on the COM run capacitor terminal in case an extra terminal is needed on the capacitor.

4. Connect the black wire, provided with the kit, from the transformer COM terminal to the L2-OUT terminal on the unit control board. The insulated terminal on the black wire goes on the transformer COM terminal. The piggyback terminal goes on the control board L2-OUT terminal in case an extra terminal is needed.

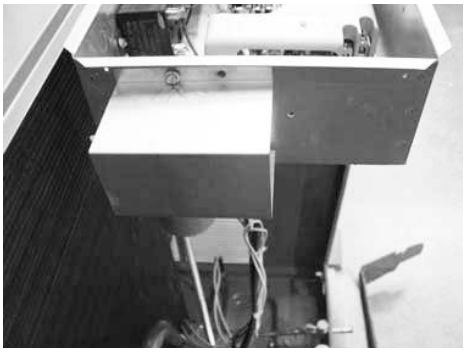


5. Connect the red wire, provided with the kit, from the kit transformer 24V low voltage terminal to the unit control red pig tail lead marked with an “R”. The insulated terminal on the red wire goes on the transformer 24V terminal. The stripped end connects to the stripped wire on the red “R” pig tail lead and they are connected together using a wire nut.



6. Connect the 18” brown wire, provided with the kit, from the kit transformer 24V low voltage terminal to the unit control brown pig tail lead marked with a “C”. The insulated terminal on the 18” brown wire goes on the transformer 24V terminal. The stripped end will connect to the stripped wire on the brown “C” pig tail lead. In addition attach the 6” brown wire ring terminal to the side of the control box using a screw provided with the kit. Connect the stripped end of the 18” brown wire, the stripped end of the 6” brown wire, and the unit control brown pig tail lead “C” together using a wire nut.

7. To provide communication between the outdoor and indoor units connect the outdoor unit communicating pig tail leads (“1” Yellow Pink and “2” Orange/White) to two field installed wires that are routed and connected to the indoor system (see the unit I&O manuals).



8. If using the dual fuel high pressure kit RXME-A01 with the 2 Wire Kit the kit transformer will be installed on the outside of the control box as shown. Connect the wires to the transformer as described above. Route the line voltage wires through the grommet in the transformer cover and then route the line voltage wires into the bottom of the control box. Connect the line voltage leads in the control box as described above. With the transformer inside the cover mount the transformer and cover to the side of the control box. Note the screws attach both the cover and transformer together on the control box. Connect the low voltage wires as described above.

TNS

