

7017797 Integrated Column Star-K Kit

NOTE: For IC-27R and IC-27F units only.

<u>CONTAINS:</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>DESCRIPTION</u>
	1	W/H, Star-K Assy. 700 Series	1	Wire Splice, # 53440-2
	1	Bag, Zip-Lock 10 x 12	1	Tape, Double-Sided Sided 1/2" Wide
	1	Diagram, 700Tall Star-K Wiring	1	Instructions, Star-K 700Tall

⚠ WARNING

SEVERE SHOCK HAZARD! DISCONNECT POWER TO UNIT BEFORE ATTEMPTING TO INSTALL THESE COMPONENTS.

UPPER SECTION (DOOR) ALL 700 TALL UNITS:

1. At the top of the units, extract upper switch box mounting screws and flip the switch box over to expose the wires (See Figure 1).
2. Disconnect double yellow wire from the light switch and both wires from the fan switch (See Figure 1).
3. Make the following connections between the short relay wire harness and cabinet wire harness (See Figure 2):
 - A. Male yellow relay harness wire to yellow cabinet wire.
 - B. Male black relay harness wire to purple or grey or red cabinet wire, depending on unit.
NOTE: When both fan wires are red, the black relay harness wire must be connected to the wire coming from the control board.
 - C. Male red relay harness wire to red cabinet wire.
NOTE: When both fan wires are red, the red relay harness wire must be connected to the wire going to the fan motor.
 - D. Use the wire splice to connect the the white relay harness wire to the free white cabinet wire.
4. Make the following connections at the switches (See Figure 2):
 - E. Female yellow relay harness wire to light switch.
 - F. Female purple relay harness wire to fan switch.
 - G. Female red relay harness wire to fan switch.

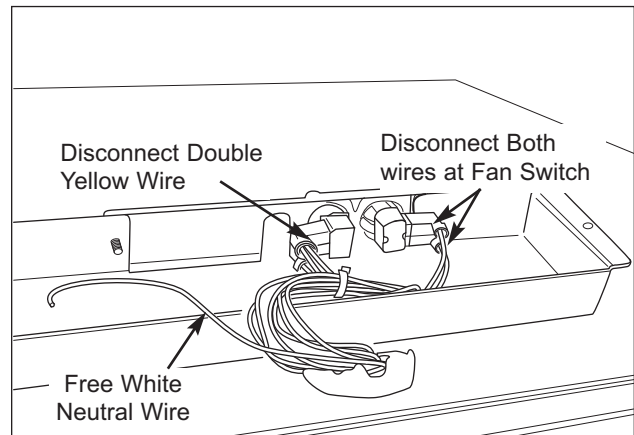


Figure 1. Upper Switch Box

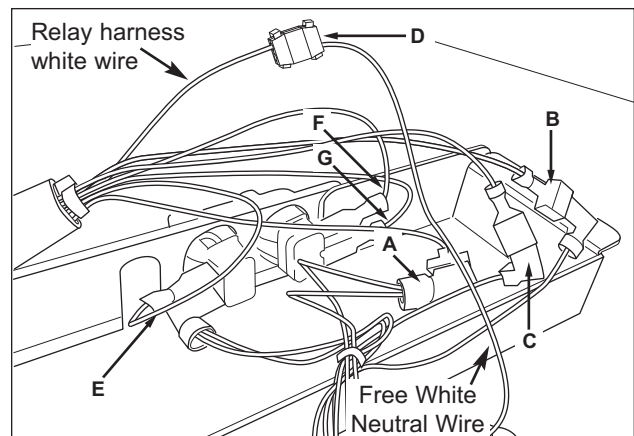


Figure 2. Wires to Connect



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TESTING HARNESS CONNECTIONS:

1. Supply power to the unit and test the fan and light switches for proper operation; lights ON/fan OFF with switches open, lights OFF/fan ON with switches closed.
2. Initiate Sabbath Mode:
 - A. Press the UNIT ON/OFF key to switch the unit OFF (See Figure 3).
 - B. Press and hold the UNIT ON/OFF key for ten (10) seconds. The lights should initially switch ON until the ten (10) seconds has passed, then the lights should switch OFF and the LCD should go blank (See Figure 4). This indicates the unit is now in Sabbath Mode.

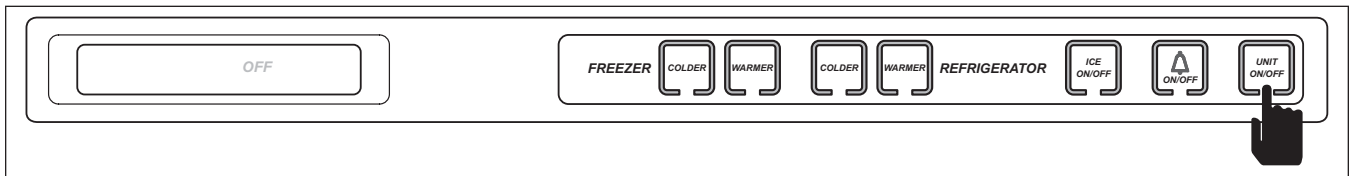


Figure 3. To Enter Sabbath Mode, Switch Unit OFF First

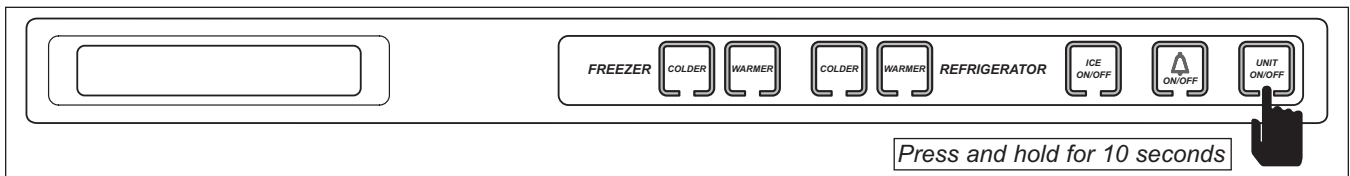


Figure 4. Then Press and Hold UNIT ON/OFF Key for ten (10) Seconds

3. Wait for upper section compressor to switch ON, at which time the upper evaporator fan should also switch ON. Press the fan and light switches at this time and they should be disabled, with the fan continuing to run and the lights staying OFF regardless of the corresponding switch position.
4. If all tests are OK, re-install the top switch box, making sure that all wires and relay are inside the box, and re-install the lower switch box, evaporator cover and drawers.
5. Place wiring diagram addendum (next page) in wire diagram envelope in compressor unit area.



STAR-K WIRING DIAGRAM ADDENDUM MODEL: 727 COLUMN SERIES (UPPER SYSTEM)

PLACE IN WIRING DIAGRAM BAG FOR FUTURE REFERENCE

⚠ WARNING

- This wiring information is provided for use by qualified service personnel only.
- Disconnect appliance from electrical supply before beginning service.
- Be sure all grounding devices are connected when service is complete.
- Failure to observe the above warnings may result in severe electrical shock.

