

RAMSOND

WIRING CONNECTION PROCEDURE BETWEEN THE INDOOR AND
THE OUTDOOR UNIT

&

WIRING DIAGRAM

51GW & 70GW Series Mini Split System

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INDOOR UNIT CONNECTION

1. Lift the front panel of the Indoor unit and locate the metal plate cover of the connection terminal.



2. Remove the metal plate cover.



3. Remove the plastic terminal cover. The connection terminals should now be visible.



4. Remove the Wire Holder.



5. Flip the unit over and locate the rear wire portal port.



6. Insert the 2 wiring harnesses through the portal hole and push them through the channel to the front.

(Note: It may be easier to remove the rear portal plate and fish the wires through its hole)



7. Flip the indoor unit over again and pull the wires through the channel.



8. Connect each wire to its respective terminal.



OUTDOOR UNIT CONNECTION

1. The connection terminal for the outdoor unit is located under the lift handle. Remove the Lift Handle



2. Punch out the wire portal hole pieces.



3. Connect the wires to the appropriate terminals.



AUTOMATIC DEFROST WIRE CONNECTION

The automatic defrost function of this unit requires a connection (via the supplied low voltage wire) between the indoor and the outdoor unit. The connection for the indoor can be located on the rear of the outdoor unit, near the wire portal hole (See picture below).



The wiring connection of the defrost wire for the outdoor unit is should be readily accessible through the removable handle. If you cannot find the wire easily, you can locate the connection by removing the top portion of the Outdoor unit. (Please see picture below)



VERY IMPORTANT – WARRANTY VOIDANCE

Make sure that you connections between the indoor and the outdoor unit match perfectly. For example, Terminal No. 1 of the indoor unit should connect to the Terminal No. 1 of the Outdoor unit with the same exact wire. Be careful not to mix up the wiring harnesses.

FAILURE TO PROPERLY CONNECT THE WIRES MAY RESULT IN SERIOUS DAMAGE TO THE AIR CONDITIONING SYSTEM. THE WARRANTY WILL BE RENDERED VOID FOR DAMAGE RESULTING FROM IMPROPER INSTALLATION.

Please see diagram below for wiring reference:

