



Mini-Split Mounting Bracket Model BR440 Assembly Instructions

The Sea Breeze Model BR440 is a complete wall mounting system meant for ductless mini-split air conditioners and heat pumps.

Capable of holding up to 440 lbs, this system can handle our complete line of mini-split compressor units with ease.

To install this system, few tools are required, making the installation quick and easy.

The following tools are recommended:

17 MM Socket	14 MM Socket	½" Socket
3/8" Ratchet and Extension	9/16" Masonry Bit	½" Hammer Drill
Claw Hammer	Crescent Wrench	Tape Measure

Installation:

Select a location on a wall where you desire to install the mini-split compressor unit. Ensure it is free of obstructions which would interfere with proper compressor operation. Refer to the mini-split compressor unit installation manual for proper clearances.

Refer to the Hardware Kit figure on the next page and confirm that you have received all of the items shown.

Figure 1, Hardware Kit Contents



(1) Rubber Vibration Pads (4 ea)

(4) 14mm nuts (4 ea)

(7) 3/8" Flat Washers (.825" O.D.) (5 ea)

(10) 2 3/4" x 17mm Lag Bolts (5 ea)

(2) Plastic Leveling Screws (2 ea)

(5) 5/16 " Flat Washers (.785" O.D.) (8 ea)

(8) 5/8" Flat Washers (.625" O.D.) (4 ea)

(11) Concrete Anchors (5 ea)

(3) 1 1/8" x 14mm Bolts (4 ea)

(6) 2 3/8" x 14mm Bolts (2 ea)

(9) 1/2" Self Locking Nuts (2 ea)

Assembly Instructions, 7100-0003 Mini-Split Wall Bracket (Cont.)

1.) Install the plastic leveling screws into the bottom hole of the Vertical Wall Supports as shown in the photographs below. Be sure to run the screws in flush with the back of the Vertical Wall supports, but do not over-tighten.



2.) Assemble the Vertical Wall supports to the Horizontal Cross Bar. The Vertical Wall Supports simply slide over the ends of the Horizontal Cross bar as shown in the photographs below:



3.) Mark the mounting hole locations for the Horizontal Cross Bar on the wall surface where the Mini-Split is to be mounted. Use the Built-in level on the Cross bar to insure the Cross bar is mounted level.



Assembly Instructions, 7100-0003 Mini-Split Wall Bracket (Cont.)

4.) Drill three 9/16" holes 3" deep in the wall and insert three Concrete Anchors flush with the wall surface.



5.) Mount the Horizontal Cross Bar using 3 ea 2 3/4" X 17mm lag bolts (item 10), and 3 ea 3/8" Flat Washers (.825" O.D.) (item 7). Tighten these bolts loosely. They will be tightened fully in a later step.



6.) Adjust the spacing between the two Vertical Wall Supports so that they are exactly the same distance apart as the Mini-Split Condensing Unit mounting pads. Mark the hole locations for the bottom holes in the Vertical Wall Supports, then slide them out of the way, and drill a 9/16" hole 3" deep for each hole.

7.) Insert a Concrete Anchor (item 11) into each hole until flush with the wall surface.

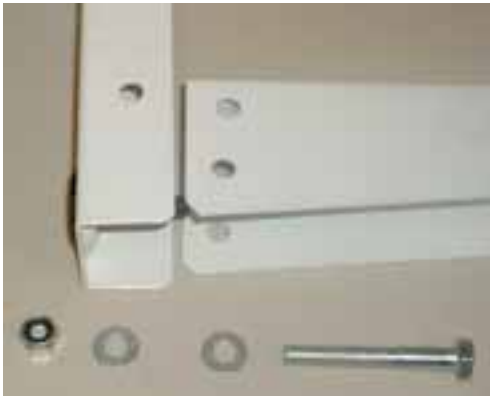


8.) Slide the Vertical Wall Supports back into position over the Concrete Anchors, and secure them with 2 ea 2 3/4" X 17MM lag bolts (item 10), and 3 ea 3/8" flat Washers (.825" O.D.) (item 7). Tighten all five (5) lag bolts securely.



Assembly Instructions, 7100-0003 Mini-Split Wall Bracket (Cont.)

- 9.) Prepare the horizontal supports using 1 ea 14mm bolt (item 6), two 3/8" flat washers (item 8) and 1 ea 1/2" self locking nut (item 9).



- 10.) Secure the Horizontal Supports to the Vertical Wall Supports using the hardware indicated in (9) above. Insert the bolt in the TOP hole of the Horizontal support. Place one flat washer under the head of the bolt, and the other flat washer under the nut. Tighten securely.



Assembly Instructions, 7100-0003 Mini-Split Wall Bracket (Cont.)

- 11.) Carefully place the condensing unit onto the brackets, and place a Rubber Vibration Pad (item 1) underneath the condensing unit mounting feet.



- 12.) Place a flat-washer (item 5) on a 14MM x 1 1/8" bolt (item 3) through the bottom of each Horizontal Support, through the Rubber Vibration Pad (item 4), and through the condensing Unit mounting foot. Place another flat-washer (item 5) on the bolt, and secure with a 14 mm nut (item 4) for each of the four mounting feet of the condensing unit.



- 13.) Tighten all hardware securely.