INSTRUCTION SHEET

Wall Bracket
V-Systems
# SMS180000B
System Dimensions

Note: The Wall Bracket is universal to 18" and 21" systems. The blackened holes on the Back Support Brace and Left and Right Wall Brackets in the images above will not be utilized in the V-System installation.
System Contents

<table>
<thead>
<tr>
<th>ID</th>
<th>Part number</th>
<th>Part description</th>
<th>Qty</th>
<th>ID</th>
<th>Part number</th>
<th>Part description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>RBW182103</td>
<td>Back Support Brace</td>
<td>1</td>
<td>E</td>
<td>AHX182100</td>
<td>Wall Bracket Hardware Kit</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>RBW182102</td>
<td>Left Wall Bracket</td>
<td>1</td>
<td>E1</td>
<td>AFSS16500</td>
<td>5/16&quot; x 1/2&quot; Hex Head Bolt</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>RBW182101</td>
<td>Right Wall Bracket</td>
<td>1</td>
<td>E2</td>
<td>AFW180000</td>
<td>5/16&quot; Flat Washer</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>DFZ180001</td>
<td>Angle Ring Flange</td>
<td>1</td>
<td>E3</td>
<td>AFT155175</td>
<td>5/16&quot;-18 Whiz-Lock Nut</td>
<td>2</td>
</tr>
</tbody>
</table>

Please unpack the parts carefully and confirm you have received each item listed here.

You will need the following tools:

<table>
<thead>
<tr>
<th>WALL MOUNTING BRACKET</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Stud Finder</td>
<td>Light Adhesive Tape</td>
</tr>
<tr>
<td>Tack / Center Punch / Nail</td>
<td>Tape Measure / Ruler</td>
</tr>
<tr>
<td>Wall Mounting Fasteners *</td>
<td>Level Tool</td>
</tr>
</tbody>
</table>

*You will need to supply your own wall mounting hardware. Use appropriate fasteners for the wall type you are installing your system onto (e.g. lag bolts, drywall anchors, etc.). Maximum Fastener Diameter: 5/16”. Maximum Washer Outside Diameter: 3/4”.
THE WALL BRACKET SHOULD BE MOUNTED TO A STURDY, REINFORCED WALL (E.G. CONCRETE WALL, WOOD-FRAMED WALL, ETC.) THE WALL BRACKET IS DESIGNED TO WORK WITH STANDARD 16" STUD SPACING. WALL ANCHORS CAN BE USED IF MOUNTING ON DRYWALL. THE INCLUDED TEMPLATE INDICATES THE PROPER DRILL HOLES AND THE FULL, ASSEMBLED SIZE OF THE WALL BRACKET.

1. Center the Wall Bracket Template between your wall studs.

2. Mark a straight level line on the wall 54.5" (35-gallon drum) or 66.5" (55-gallon drum) from the floor. 
   Note: If you have the Drum Dolly, mark a straight level line on the wall at 58.6" (35-gallon drum) or 70.625" (55-gallon drum) above the floor.

3. Temporarily secure the template to the wall with a tack or non-marking tape. Align the top of the template with the line previously marked.

4. Place a mark or drill through the paper at each indicated cross hair. Remove the template from the wall.

5. Use appropriate fasteners for the wall type you are installing your system onto.
   a. Maximum Fastener Size: 5/16" diameter
   b. Maximum Washer Size: 3/4" outside diameter

6. Drill into the wall at all 6 of the marked locations.

7. Place washers onto each fastener and thread the fasteners into all 6 holes, leaving at least 1/2" outside of the hole. [FIG 1]
Assembly Instructions (Continued)

8 Lift the Right Wall Bracket (C) up and over the three fasteners on the right so that the washer is on the outside of the bracket. [FIG 2a] [FIG 2b]

9 Slide the bracket down so that the fastener is in the smaller section of each keyhole [FIG 3].

10 Tighten these three fasteners to secure the Right Wall Bracket (C) to the wall.

11 Repeat steps 8-10 for the Left-Wall Bracket (B).
Assembly Instructions

12 Secure Back Support Brace (A) under both Side Brackets (B)(C) with two Bolts (E1), two Flat Washers (E2), and two Whiz-Lock Nuts (E3) – finger tighten only. [FIG 4] See Step 13 for alternate positions.

13 The Back Support Brace (A) can be attached in two positions to accommodate your preferred V-System orientation. To have the system closest to the wall refer to [FIG 5a] and [FIG 5b] and to have the filter or ductwork parallel to the mounting wall refer to [FIG 5c] and [FIG 5d]. For this mounting position, the bolts must be placed as shown in [FIG. 5e]. For additional examples of filter and inlet orientation, refer to page 8 of the V-System Owner’s Manual (ZBM000101A).
Assembly Instructions

14 Place the Angle Ring (D) pointing downward onto the assembled Wall Brackets (B, C) and Back Support Brace (A) and align it with the corresponding holes [FIG 6a] [FIG 6b] [FIG 6c].

15 Firmly tighten the wall fasteners and the Back Support Brace bolts.

16 Insert the V-System’s cone into the Angle Ring on the Wall Bracket Assembly [FIG. 7]. Refer to Step 5 of the V-System Owner’s Manual (ZBM000101A) for further instructions.
Thank you for your business!

Regardless of where you purchased your system, if you have any questions or issues with missing / damaged parts, please call Oneida Air Systems first to let us help resolve your problem. We fully stand behind the quality of our product and place the utmost value on our customer’s satisfaction.

We want to do everything possible to make your purchase and experience with Oneida Air Systems a good one!