BLOWER
REORIENTATION
INSTRUCTIONS
3/13/2018
Instructions to Change Supply Blower Orientation

Blower is in Down Discharge orientation.

VIEW #2
Down Discharge base, cut out between braces

VIEW #1
Blower is in Inline (side) Discharge orientation.

VIEW #4
Motor plate orientation different than view #1.

VIEW #3
Discharge Cap

Instructions: (Down to Side Discharge)
1. Disconnect power and remove lid or access doors.
2. Remove the hardware that fastens the blower to the blower rails.
3. Disconnect the motor and motor plate from the blower.
4. Remove the blower from the housing.
5. Cover the old outlet hole using a flat piece of sheet metal. Apply silicone to the sheet metal before fastening to the base. Use the dimensional data provided, or make sure the blower is in the correct orientation (see view #4) to mark and cut.
6. Once the front panel has been cut, attach the discharge collar, (see dimensional data for part number). Rivet or screw the discharge collar to the outlet in the front panel. Collars are used to reduce air loss between the blower and the front panel.
7. The blower outlet must be inside the discharge collar before fastening the blower to the horizontal supports.
8. Mount the motor plate and motor. (see view #4).
9. Reset the belt tension before reconnecting power.
10. Attach the lid or install access doors and turn on the disconnect switch.

On Heated Supply Units, the mixing tube and freeze stat sensor (when provided) must be moved to the opposite side of the blower when discharge orientation is changed.
Instructions to Change Supply Blower Orientation-Direct Drive

Instructions: (To Down Discharge)
1. Disconnect power and remove doors. Venturi extension plates may need to be removed.
2. Cover the old outlet hole using flat pieces of sheet metal. Apply silicone to the sheet metal before fastening.
3. Cut the outlet hole in the base. Use the dimensional data below. Be sure to avoid cutting through the horizontal supports.
4. Install doors/venturi extension and turn on the disconnect switch.

Instructions: (To Side Discharge)
1. Disconnect power & remove doors. Venturi extension plate may need to be removed.
2. Cover the old outlet hole using flat pieces of sheet metal. Apply silicone to the sheet metal before fastening.
3. The air handler back will have to be cut. Use the dimensional data provided.
4. Once the air handler back has been cut, attach the discharge collar, (see dimensional data for part number). Rivet or screw the discharge collar to the outlet in the front panel.
5. Install doors/venturi extension and turn on the disconnect switch.

Instructions: (To Up Discharge)
1. Disconnect power and remove doors. Venturi extension plates may need to be removed.
2. Cover the old outlet hole using flat pieces of sheet metal. Apply silicone to the sheet metal before fastening.
3. Cut the outlet hole in the lid & lid liner. Use the dimensional data below.
4. Install doors/venturi extension and turn on the disconnect switch.

### Dimensional Data Side, Down & Up Discharge

<table>
<thead>
<tr>
<th>Blower Size</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
<th>&quot;C&quot;</th>
<th>&quot;D&quot;</th>
<th>&quot;E&quot;</th>
<th>&quot;F&quot;</th>
<th>Collar Part #</th>
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<tbody>
<tr>
<td>15D, 16Z, 18Z</td>
<td>17 1/4</td>
<td>15 1/2</td>
<td>5 1/4</td>
<td>13 1/4</td>
<td>11 1/2</td>
<td>7 1/4</td>
<td>B1DDC</td>
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<tr>
<td>24D, 25Z</td>
<td>28 3/8</td>
<td>25</td>
<td>9 1/2</td>
<td>22</td>
<td>19</td>
<td>12</td>
<td>B3DDC</td>
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<tr>
<td>30D, 28Z</td>
<td>30</td>
<td>30</td>
<td>11 1/4</td>
<td>24 7/8</td>
<td>24 7/8</td>
<td>12 1/4</td>
<td>B4DDC (2)</td>
</tr>
<tr>
<td>36D</td>
<td>35 3/8</td>
<td>35 3/8</td>
<td>14 1/4</td>
<td>31 3/8</td>
<td>31 3/8</td>
<td>14 1/2</td>
<td>B5DDC (2)</td>
</tr>
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