**Model - ME(50-80) (A, B)**

Unit Type (UT) - ME, Power Vented Indoor Make-Up Air Unit
Capacity (CA) - (50-80) (500-800 mBTU)
Furnace Type (FT) - A, B Standard Temperature Rise (30-80°F)
Indoor Arrangement (IA) - A, Duct Furnace

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**Diagram Description:**
- **A:** Indoor Arrangement (A, Duct Furnace)
- **M:** Inlet & Discharge Opening
- **F:** Gas Connections
- **V:** Flue Opening (ME - Power Vent Units Only)
- **G:** 5/8" (16) Typ. Anchor Hole Location
- **5/8" (16) Typ. Anchor Hole Location:**

**Dimensions:**
- **M:** 12" (305)
- **F:** 4-3/4" (121)
- **V:** 19" (483)
- **G:** 10-1/8" (257)
- **Outside:** 5/8" (16) Typ.
- **Inlet & Discharge Opening:** 5/8" (16) Typ.

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**Capacity Chart:**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>A</th>
<th>B</th>
<th>&quot;F&quot;</th>
<th>G</th>
<th>M</th>
<th>V Dia. **</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>31-5/8&quot; (803)</td>
<td>29-5/16&quot; (745)</td>
<td>37-5/8&quot; (956)</td>
<td>41-1/8&quot; (1045)</td>
<td>20-1/4&quot; (514)</td>
<td>5 (127)</td>
</tr>
<tr>
<td>60</td>
<td>37-1/8&quot; (943)</td>
<td>34-3/16&quot; (884)</td>
<td>43-1/8&quot; (1095)</td>
<td>52-1/8&quot; (1324)</td>
<td>20-1/4&quot; (514)</td>
<td>6 (152)</td>
</tr>
<tr>
<td>70</td>
<td>42-5/8&quot; (1083)</td>
<td>40-5/16&quot; (1024)</td>
<td>48-5/8&quot; (1235)</td>
<td>52-1/8&quot; (1324)</td>
<td>20-1/4&quot; (514)</td>
<td>6 (152)</td>
</tr>
<tr>
<td>80</td>
<td>48-1/8&quot; (1222)</td>
<td>45-13/16&quot; (1164)</td>
<td>54-1/8&quot; (1375)</td>
<td>57-5/8&quot; (1464)</td>
<td>21-1/4&quot; (540)</td>
<td>6 (152)</td>
</tr>
</tbody>
</table>

**NOTE:**
- "F" Dimension is the recommended clearance to service the burner drawer.
- "V" Dia. = Flue Opening (ME - Power Vent Units Only);
- The 5" to 6" increaser adaptor is supplied by the manufacturer for unit capacities 60, 70, & 80.
- Gas Inlet sizes: Natural Gas = 3/4" Dia.
- LP Gas = 1/2" or 3/4" Dia.

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**Project:** __________________________

**Unit Tag:** _________________________
# ME(50-80) (A, B) ± A
## Weights, Material and Performance Data

### Unit Weights

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Net Wt.†</th>
<th>Ship Wt.†</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME50</td>
<td>589</td>
<td>686</td>
</tr>
<tr>
<td>ME60</td>
<td>684</td>
<td>788</td>
</tr>
<tr>
<td>ME70</td>
<td>734</td>
<td>838</td>
</tr>
<tr>
<td>ME80</td>
<td>806</td>
<td>914</td>
</tr>
</tbody>
</table>

†The approximate net and shipping weights shown are for a basic unit (these weights do not include any options).

### Performance Data

<table>
<thead>
<tr>
<th>Unit Type ME Capacity 50-80 Furnace Type A,B Indoor Arrangement “A”</th>
<th>INPUT RATING BTU/Hr (kW)</th>
<th>OUTPUT RATING BTU/Hr (kW)</th>
<th>EFF. %</th>
<th>Temp. Rise F. Deg. (C Deg.) MIN. MAX.</th>
<th>CFM (cu. m/s) MIN. MAX.</th>
<th>Pressure Drop In. of Water (kPa) MIN. MAX.</th>
<th>Nat. Gas Inlet (in.)</th>
<th>L.P. Gas Inlet (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 A/B</td>
<td>500,000 (146.4)</td>
<td>400,000 (117.1)</td>
<td>80</td>
<td>40 (22) 120 (67)</td>
<td>3,066 (1.457) 9,269 (4.375)</td>
<td>0.30 (0.07) 2.16 (0.54)</td>
<td>3/4</td>
<td>1/2 OR 3/4</td>
</tr>
<tr>
<td>60 A/B</td>
<td>600,000 (175.7)</td>
<td>480,000 (140.6)</td>
<td>80</td>
<td>40 (22) 120 (67)</td>
<td>3,704 (1.748) 11,111 (5.244)</td>
<td>0.30 (0.07) 2.20 (0.55)</td>
<td>3/4</td>
<td>1/2 OR 3/4</td>
</tr>
<tr>
<td>70 A/B</td>
<td>700,000 (205.0)</td>
<td>560,000 (164.0)</td>
<td>80</td>
<td>40 (22) 120 (67)</td>
<td>4,321 (2.040) 12,963 (6.119)</td>
<td>0.30 (0.07) 2.22 (0.55)</td>
<td>3/4</td>
<td>1/2 OR 3/4</td>
</tr>
<tr>
<td>80 A/B</td>
<td>800,000 (234.3)</td>
<td>640,000 (187.4)</td>
<td>80</td>
<td>40 (22) 120 (67)</td>
<td>4,938 (2.331) 14,815 (6.993)</td>
<td>0.30 (0.07) 2.24 (0.56)</td>
<td>3/4</td>
<td>1/2 OR 3/4</td>
</tr>
</tbody>
</table>

### Furnace Construction Material

1 - Aluminized Steel
2 - 409 Stainless Steel (First Furnace Only)
3 - 409 Stainless Steel (All Furnace Sections)
4 - 321 Stainless Steel (First Furnace Only)
5 - 321 Stainless Steel (All Furnace Sections)
6 - 409 Stainless Steel Package (First Furnace Only)
7 - 409 Stainless Steel Package (All Furnace Sections)
8 - 321 Stainless Steel Package (First Furnace Only)
9 - 321 Stainless Steel Package (All Furnace Sections)
0 - None
Z1 - Other

### Conversion
1 lb. = 0.453 kg.