**DM80SE / DC80SE**

*Single-Stage, Multi-Speed ECM Gas Furnaces*

80% AFUE

*Heating Input: 40,000 – 120,000 BTU/h*

**Contents**
- Nomenclature ............................................ 2
- Product Specifications ............................... 3
- Dimensions ................................................ 5
- Airflow Data ............................................. 7
  - DM80SE .................................................. 7
  - DC80SE .................................................. 10
- Wiring Diagram ........................................ 13
- Accessories ............................................. 14
- Minimum Filter Sizes .................................. 14

**Standard Features**
- Heavy-duty stainless-steel, dual-diameter tubular heat exchanger
- Single-stage gas valve
- Durable Hot-surface igniter
- Quiet, single-speed draft inducer
- Self-diagnostic control board
- Color-coded low-voltage terminals
- Multi-speed ECM blower motor
- California Low NOx emissions models available
- Can no longer be installed in California's South Coast Air Quality Management District (SCAQMD) on or after October 1, 2019.
- AHRI Certified; ETL Listed

**Cabinet Features**
- Multi-position installation:
  - DM80SE: upflow, horizontal left or right
  - DC80SE: downflow, horizontal left or right
- Convenient left or right connection for gas and electrical service
- Cabinet air leakage (Q_{Leak}) ≤ 2%
- Heavy-gauge steel cabinet with durable baked-enamel finish
- Foam faced insulated heat exchanger

*Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the Lifetime Heat Exchanger Limited Warranty (good for as long as you own your home), the 6-Year Unit Replacement Limited Warranty and the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in California or Quebec.*
**NOMENCLATURE**

<table>
<thead>
<tr>
<th>Brand</th>
<th>D - Daikin Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Configuration</td>
<td>M - Upflow/Horizontal, C - Downflow/Horizontal</td>
</tr>
<tr>
<td>AFUE</td>
<td>97 – 97.98% AFUE, 96 – 96% AFUE</td>
</tr>
<tr>
<td>Gas Value</td>
<td>M - Modulating, V - Two Stage</td>
</tr>
<tr>
<td>Motor</td>
<td>C - Variable Speed ECM / Communicating, E - Multi-Speed ECM, S - Multi-Speed PSC</td>
</tr>
<tr>
<td>BTU/h</td>
<td>040 - 40,000, 060 - 60,000, 080 - 80,000</td>
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<tr>
<td>Minor Revision</td>
<td>A - Initial Release, B - 1st Revision</td>
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<tr>
<td>Major Revision</td>
<td>A - Initial Release, B - 1st Revision</td>
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<tr>
<td>Nox</td>
<td>N - Natural Gas, X - Low Nox</td>
</tr>
<tr>
<td>Cabinet Width</td>
<td>A - 14”, B - 17½”, C - 21”, D - 24½”</td>
</tr>
<tr>
<td>Cabinet Width</td>
<td>2 - 800 CFM, 3 - 1200 CFM, 4 - 1600 CFM, 5 - 2000 CFM</td>
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</table>
### DM80SE Product Specifications

#### Heating Capacity

<table>
<thead>
<tr>
<th>Model</th>
<th>Heating Capacity</th>
<th>Natural Gas Output</th>
<th>LP Gas Output</th>
<th>AFUE</th>
<th>Available AC @ 0.5° ESP</th>
<th>Temperature Rise Range (°F)</th>
</tr>
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<tbody>
<tr>
<td>DM80SE 0403A*</td>
<td>40,000</td>
<td>32,000</td>
<td>32,000</td>
<td>80</td>
<td>3</td>
<td>25 - 55</td>
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<tr>
<td>DM80SE 0603A*</td>
<td>60,000</td>
<td>48,000</td>
<td>48,000</td>
<td>80</td>
<td>3</td>
<td>20 - 50</td>
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<tr>
<td>DM80SE 0604B*</td>
<td>60,000</td>
<td>48,000</td>
<td>48,000</td>
<td>80</td>
<td>4</td>
<td>20 - 50</td>
</tr>
<tr>
<td>DM80SE 0803B*</td>
<td>80,000</td>
<td>64,000</td>
<td>64,000</td>
<td>80</td>
<td>4</td>
<td>35 - 65</td>
</tr>
<tr>
<td>DM80SE 0804B*</td>
<td>80,000</td>
<td>64,000</td>
<td>64,000</td>
<td>80</td>
<td>4</td>
<td>35 - 65</td>
</tr>
<tr>
<td>DM80SE 0805C*</td>
<td>80,000</td>
<td>64,000</td>
<td>64,000</td>
<td>80</td>
<td>5</td>
<td>35 - 65</td>
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<tr>
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<td>100,000</td>
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<td>80</td>
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<td>35 - 65</td>
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<tr>
<td>DM80SE 1205D*</td>
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<td>96,000</td>
<td>96,000</td>
<td>80</td>
<td>5</td>
<td>40 - 70</td>
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</tbody>
</table>

¹ Natural Gas BTU/h; for altitudes 0-4500' above sea level, reduce input rating by 4% for each 1000' above 4500' altitude.

² DOE AFUE based upon isolated combustion system (ICS).

³ Vent and combustion air diameters may vary depending upon vent length. Refer to the latest editions of the National Fuel Gas Code NFPA 54/ANSI Z223.1 (in the USA) and the Canada National Standard of Canada, CAN/CSA B149.1 and CAN/CSA B142.2 (in Canada).

⁴ Minimum Circuit Ampacity = (1.25 x Circulator Blower Amps) + ID Blower amps. Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

⁵ Maximum Overcurrent Protection Device refers to maximum recommended fuse or circuit breaker size. May use fuses or HACR-type circuit breakers of the same size as noted.

#### Circulator Blower

<table>
<thead>
<tr>
<th>Model</th>
<th>Size (D x W)</th>
<th>Horsepower @1075 RPM</th>
<th>No. of Speeds</th>
<th>Vent Diameter</th>
<th>No. of Burners</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM80SE 0403A*</td>
<td>10&quot; x 6&quot;</td>
<td>½</td>
<td>5</td>
<td>4&quot;</td>
<td>2</td>
</tr>
<tr>
<td>DM80SE 0603A*</td>
<td>10&quot; x 6&quot;</td>
<td>½</td>
<td>5</td>
<td>4&quot;</td>
<td>3</td>
</tr>
<tr>
<td>DM80SE 0604B*</td>
<td>10&quot; x 8&quot;</td>
<td>¾</td>
<td>5</td>
<td>4&quot;</td>
<td>3</td>
</tr>
<tr>
<td>DM80SE 0803B*</td>
<td>10&quot; x 8&quot;</td>
<td>¾</td>
<td>5</td>
<td>4&quot;</td>
<td>4</td>
</tr>
<tr>
<td>DM80SE 0804B*</td>
<td>10&quot; x 10&quot;</td>
<td>¾</td>
<td>5</td>
<td>4&quot;</td>
<td>4</td>
</tr>
<tr>
<td>DM80SE 1005C*</td>
<td>10&quot; x 10&quot;</td>
<td>1</td>
<td>5</td>
<td>4&quot;</td>
<td>5</td>
</tr>
<tr>
<td>DM80SE 1205D*</td>
<td>11&quot; x 10&quot;</td>
<td>1</td>
<td>5</td>
<td>5</td>
<td>6</td>
</tr>
</tbody>
</table>

#### Electrical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>Min. Circuit Ampacity</th>
<th>Max. Overcurrent Device (amps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM80SE 0403A*</td>
<td>8.7</td>
<td>15</td>
</tr>
<tr>
<td>DM80SE 0603A*</td>
<td>8.7</td>
<td>15</td>
</tr>
<tr>
<td>DM80SE 0604B*</td>
<td>12.5</td>
<td>15</td>
</tr>
<tr>
<td>DM80SE 0803B*</td>
<td>8.7</td>
<td>15</td>
</tr>
<tr>
<td>DM80SE 0804B*</td>
<td>12.5</td>
<td>15</td>
</tr>
<tr>
<td>DM80SE 1005C*</td>
<td>12.5</td>
<td>15</td>
</tr>
<tr>
<td>DM80SE 1205D*</td>
<td>15.3</td>
<td>20</td>
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</table>

#### Ship Weight (lbs)

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<th></th>
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<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Weight</td>
<td>86</td>
<td>90</td>
<td>100</td>
<td>108</td>
<td>108</td>
<td>116</td>
<td>120</td>
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</tbody>
</table>

Notes:
- All furnaces are manufactured for use on 115 VAC, 60 Hz, single-phase electrical supply.
- Gas Service Connection ½" FPT
- Important: Size fuses and wires properly and make electrical connections in accordance with the National Electrical Code and/or all existing local codes.
<table>
<thead>
<tr>
<th></th>
<th>DC80SE 0403A*</th>
<th>DC80SE 0603A*</th>
<th>DC80SE 0804B*</th>
<th>DC80SE 1005C*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HEATING CAPACITY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input ¹</td>
<td>40,000</td>
<td>60,000</td>
<td>80,000</td>
<td>100,000</td>
</tr>
<tr>
<td>Natural Gas Output ¹</td>
<td>32,000</td>
<td>48,000</td>
<td>64,000</td>
<td>80,000</td>
</tr>
<tr>
<td>LP Gas Output ¹</td>
<td>32,000</td>
<td>48,000</td>
<td>64,000</td>
<td>80,000</td>
</tr>
<tr>
<td>AFUE ²</td>
<td>80</td>
<td>80</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>Available AC @ 0.5° ESP</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Temperature Rise Range (°F)</td>
<td>25 - 55</td>
<td>30-60</td>
<td>35-65</td>
<td>40 - 70</td>
</tr>
<tr>
<td><strong>CIRCULATOR BLOWER</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size (D x W)</td>
<td>10” x 6”</td>
<td>10” x 6”</td>
<td>10” x 8”</td>
<td>10” x 10”</td>
</tr>
<tr>
<td>Horsepower @1075 RPM</td>
<td>½</td>
<td>½</td>
<td>½</td>
<td>¾</td>
</tr>
<tr>
<td>No. of Speeds</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Vent Diameter ³</td>
<td>4”</td>
<td>4”</td>
<td>4”</td>
<td>4”</td>
</tr>
<tr>
<td>No. of Burners</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
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<tr>
<td><strong>ELECTRICAL DATA</strong></td>
<td></td>
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<tr>
<td>Min. Circuit Ampacity ⁴</td>
<td>8.7</td>
<td>8.7</td>
<td>12.45</td>
<td>15.3</td>
</tr>
<tr>
<td>Max. Overcurrent Device (amps) ⁵</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td><strong>SHIP WEIGHT (LBS)</strong></td>
<td>90</td>
<td>94</td>
<td>107</td>
<td>115</td>
</tr>
</tbody>
</table>

¹ Natural Gas BTU/h; for altitudes 0-4500’ above sea level, reduce input rating by 4% for each 1000’ above 4500’ altitude.
² DOE AFUE based upon Isolated Combustion System (ICS)
³ Vent and combustion air diameters may vary depending upon vent length. Refer to the latest editions of the National Fuel Gas Code NFPA 54/ANSI Z223.1 (in the USA) and the Canada National Standard of Canada, CAN/CSA B149.1 and CAN/CSA B142.2 (in Canada).
⁴ Minimum Circuit Ampacity = (1.25 x Circulator Blower Amps) + ID Blower amps. Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
⁵ Maximum Overcurrent Protection Device refers to maximum recommended fuse or circuit breaker size. May use fuses or HACR-type circuit breakers of the same size as noted.

**NOTES**
- All furnaces are manufactured for use on 115 VAC, 60 Hz, single-phase electrical supply.
- Gas Service Connection ½” FPT
- Important: Size fuses and wires properly and make electrical connections in accordance with the National Electrical Code and/or all existing local codes.
<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM80SE0403A*</td>
<td>14&quot;</td>
<td>12½&quot;</td>
</tr>
<tr>
<td>DM80SE0603A*</td>
<td>14&quot;</td>
<td>12½&quot;</td>
</tr>
<tr>
<td>DM80SE0604B*</td>
<td>17½&quot;</td>
<td>16&quot;</td>
</tr>
<tr>
<td>DM80SE0803B*</td>
<td>17½&quot;</td>
<td>16&quot;</td>
</tr>
<tr>
<td>DM80SE0804B*</td>
<td>17½&quot;</td>
<td>16&quot;</td>
</tr>
</tbody>
</table>

**Notes**
- Line voltage wiring can enter through the right or left side of furnace.
- Low-voltage wiring can enter through the right or left side of furnace.
- Conversion kits for high-altitude (5500+ ft) natural gas operation are available.
- Installer must supply the following gas line fittings, according to which entrance is used:
  - Left: One 90º street elbow; one 2½" pipe nipple; one 90º elbow; straight pipe; one ground joint union
  - Right: Straight pipe to reach gas valve

**Minimum Clearances to Combustible Materials**

<table>
<thead>
<tr>
<th>SIDES</th>
<th>REAR</th>
<th>FRONT</th>
<th>BOTTOM</th>
<th>VENT</th>
<th>TOP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SW</td>
<td>B</td>
</tr>
<tr>
<td>1&quot;</td>
<td>0&quot;</td>
<td>3&quot;</td>
<td>C</td>
<td>6&quot;</td>
<td>1&quot;</td>
</tr>
</tbody>
</table>

C = If placed on combustible floor, the floor MUST be wood ONLY.

**Notes**
- For servicing or cleaning, a 24" front clearance is recommended.
- Unit connections (electrical, flue, and drain) may necessitate greater clearances than the minimum clearances listed above.
- In all cases, accessibility clearance must take precedence over clearances from the enclosure where accessibility clearances are greater.
- Refer to the appropriate USA and Canadian codes:
  - In the USA: the National Fuel Gas Code NFPA 54 / ANSI Z223.1
  - In Canada: the Canada National Standard of Canada, CAN/CSA B149.1 and CAN/CSA B142.2
**MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS**

<table>
<thead>
<tr>
<th>SIDES</th>
<th>REAR</th>
<th>FRONT</th>
<th>VENT²</th>
<th>TOP</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>SW</td>
<td>B</td>
</tr>
<tr>
<td>1”</td>
<td>0”</td>
<td>3”</td>
<td>6”</td>
<td>1”</td>
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</tbody>
</table>

¹ 24” clearance for serviceability recommended.
² Single Wall Vent (SW) to be used only as a connector. Refer to the latest editions of the National Fuel Gas Code NFPA 54/ ANSI Z223.1 (in the USA) and the Canada National Standard of Canada, CAN/CSA B149.1 and CAN/CSA B142.2 (in Canada).

**NOTES**

- Line voltage wiring can enter through the right or left side of furnace. Low-voltage wiring can enter through the right or left side of furnace.
- Conversion kits for high-altitude (4500+ Ft.) natural gas operation are available. Contact your Daikin distributor or dealer for details.
- Installer must supply the following gas line fittings, according to which entrance is used: Left: One 90º street elbow; one 2½” pipe nipple; one 90º elbow; straight pipe; one ground joint union Right: Straight pipe to reach gas valve.
### DM80SE Airflow Data

**CFM & Temperature Rise vs. External Static Pressure**

<table>
<thead>
<tr>
<th>Model</th>
<th>DIP Switches</th>
<th>External Static Pressure, (Inches Water Column)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>0.1</td>
<td>0.2</td>
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<tr>
<td></td>
<td>CFM Rise</td>
<td>CFM Rise</td>
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<tr>
<td>DM80SE 0403A*</td>
<td>OFF OFF</td>
<td>658 45</td>
</tr>
<tr>
<td></td>
<td>ON ON*</td>
<td>750 40</td>
</tr>
<tr>
<td></td>
<td>OFF**</td>
<td>923 32</td>
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<tr>
<td></td>
<td>1138 N/A</td>
<td>1093 N/A</td>
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<tr>
<td>DM80SE 0603A*</td>
<td>OFF OFF</td>
<td>681 65</td>
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<tr>
<td></td>
<td>ON ON*</td>
<td>1328 33</td>
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<tr>
<td></td>
<td>OFF**</td>
<td>964 46</td>
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<td></td>
<td>1151 39</td>
<td>1091 41</td>
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<td>DM80SE 0604B*</td>
<td>OFF OFF</td>
<td>757 59</td>
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<tr>
<td></td>
<td>ON ON*</td>
<td>1320 34</td>
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<tr>
<td></td>
<td>OFF**</td>
<td>1406 32</td>
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<tr>
<td></td>
<td>1590 N/A</td>
<td>1542 N/A</td>
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<tr>
<td>DM80SE 0803B*</td>
<td>OFF OFF</td>
<td>706 84</td>
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<td></td>
<td>ON ON*</td>
<td>1231 48</td>
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<tr>
<td></td>
<td>OFF**</td>
<td>1133 52</td>
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<tr>
<td></td>
<td>1160 51</td>
<td>1107 54</td>
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<tr>
<td>DM80SE 0804B*</td>
<td>OFF OFF</td>
<td>743 80</td>
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<td></td>
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<td>1574 N/A</td>
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<td>DM80SE 0805C*</td>
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<td>822 72</td>
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<td>1352 44</td>
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<td>1764 N/A</td>
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<td></td>
<td>ON ON*</td>
<td>1701 52</td>
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<td></td>
<td>OFF**</td>
<td>1434 62</td>
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<tr>
<td></td>
<td>1831 N/A</td>
<td>1770 N/A</td>
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</tbody>
</table>

1 at 0.5" ESP

**Notes**
- CFM in chart is without filter(s). Filters do not ship with this furnace, but must be provided by the installer.
- If the furnace requires two return filters, this chart assumes both filters are installed.
- All furnaces ship as high-speed cooling and medium-speed heating. Installer must adjust blower cooling and heating speed as needed.
- For most jobs, about 400 CFM per ton when cooling is desirable.
- Installation is to be adjusted to obtain temperature rise within the range specified on the rating plate.
- This chart is for information only. For satisfactory operation, external static pressure must not exceed value shown on the rating plate.
- The dashed (----) area indicates a temperature rise not recommended for this model.
- At higher altitudes, a properly derated unit will have approximately the same temperature rise at a particular CFM, while ESP at the CFM will be lower.
### Circulation airflow data

<table>
<thead>
<tr>
<th>Model</th>
<th>DIP Switches</th>
<th>External Static Pressure, (Inches Water Column)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>S2-3, S2-4</td>
<td>0.1</td>
</tr>
<tr>
<td>DM80SE 0403A*</td>
<td>OFF OFF</td>
<td>658</td>
</tr>
<tr>
<td></td>
<td>ON OFF*</td>
<td>750</td>
</tr>
<tr>
<td></td>
<td>ON ON</td>
<td>1138</td>
</tr>
<tr>
<td></td>
<td>OFF ON**</td>
<td>1367</td>
</tr>
<tr>
<td>DM80SE 0603A*</td>
<td>OFF OFF</td>
<td>681</td>
</tr>
<tr>
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1. at 0.5” ESP

**Notes**

- CMF in chart is without filter(s). Filters do not ship with this furnace, but must be provided by the installer.
- If the furnace requires two return filters, this chart assumes both filters are installed.
- All furnaces ship as high-speed cooling and medium-speed heating. Installer must adjust blower cooling and heating speed as needed.
- For most jobs, about 400 CMF per ton when cooling is desirable.
- INSTALLATION IS TO BE ADJUSTED TO OBTAIN TEMPERATURE RISE WITHIN THE RANGE SPECIFIED ON THE RATING PLATE.
- This chart is for information only. For satisfactory operation, external static pressure must not exceed value shown on the rating plate.
- The dashed (----) areas indicate a temperature rise not recommended for this model.
- At higher altitudes, a properly derated unit will have approximately the same temperature rise at a particular CMF, while ESP at the CMF will be lower.
## Cooling Airflow Data

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**See Notes Page 8**

SS-DM80SE  www.daikincomfort.com
### DC80SE AIRFLOW DATA

#### CFM & TEMPERATURE RISE VS. EXTERNAL STATIC PRESSURE

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1. at 0.5" ESP

**Notes**
- CFM in chart is without filter(s). Filters do not ship with this furnace, but must be provided by the installer. If the furnace requires two return filters, this chart assumes both filters are installed.
- All furnaces ship as high-speed cooling and medium-speed heating. Installer must adjust blower cooling and heating speed as needed.
- For most jobs, about 400 CFM per ton when cooling is desirable.
- Installation is to be adjusted to obtain temperature rise within the range specified on the rating plate.
- This chart is for information only. For satisfactory operation, external static pressure must not exceed value shown on the rating plate.
- The dashed (——) areas indicate a temperature rise not recommended for this model.
- At higher altitudes, a properly derated unit will have approximately the same temperature rise at a particular CFM, while ESP at the CFM will be lower.

### CIRCULATION AIRFLOW DATA

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### Cooling Airflow Data

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### Notes

- **CFM in chart is without filter(s).** Filters do not ship with this furnace, but must be provided by the installer.
- If the furnace requires two return filters, this chart assumes both filters are installed.
- **All furnaces ship as high-speed cooling and medium-speed heating.** Installer must adjust blower cooling and heating speed as needed.
- **For most jobs, about 400 CFM per ton when cooling is desirable.**
- **INSTALLATION IS TO BE ADJUSTED TO OBTAIN TEMPERATURE RISE WITHIN THE RANGE SPECIFIED ON THE RATING PLATE.**
- This chart is for information only. For satisfactory operation, external static pressure must not exceed value shown on the rating plate.
- The dashed (----) areas indicate a temperature rise not recommended for this model.
- **At higher altitudes, a properly derated unit will have approximately the same temperature rise at a particular CFM, while ESP at the CFM will be lower.**
FORMULAS

BTU/h Output = CFM x 1.08 x Rise

Rise = \( \frac{BTU/h Output}{CFM \times 1.08} \)
**NOTES:**

1. SET HEAT ANTICIPATOR ON ROOM THERMOSTAT AT 0.7 AMPS.
2. MANUFACTURER’S SPECIFIED REPLACEMENT PARTS MUST BE USED WHEN SERVICING.
3. IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE FURNACE MUST BE REPLACED, IT MUST BE REPLACED WITH WIRING MATERIAL HAVING A TEMPERATURE RATING OF AT LEAST 105°C.
4. BLOWER SPEEDS MUST BE ADJUSTED BY INSTALLER TO MATCH THE INSTALLATION REQUIREMENTS TO PROVIDE THE CORRECT HEATING TEMPERATURE RISE AND THE CORRECT COOLING CFM. (SEE SPEC SHEET FOR AIR FLOW CHART).
5. UNIT MUST BE PERMANENTLY GROUNDED AND CONFORM TO N.E.C. AND LOCAL CODES.

**Wiring Diagram**
| ACCESSORIES |

<table>
<thead>
<tr>
<th>DOWNFLOW SUB-BASE FOR:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MODEL</strong></td>
</tr>
<tr>
<td>SBT14</td>
</tr>
<tr>
<td>SBT17</td>
</tr>
<tr>
<td>SBT21</td>
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</tbody>
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<th>DM80SE MINIMUM FILTER SIZES</th>
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<tr>
<td><strong>MODEL #</strong></td>
</tr>
<tr>
<td>Filter Size (in²)</td>
</tr>
</tbody>
</table>

¹ Use 2 - 16 x 25 filters on side returns or 1 - 20 x 25 filter on bottom return if furnace is connected to a cooling unit over 4 tons nominal capacity.

Note: Other size filters of equal or greater surface area may be used; filters may also be centrally located.

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¹ White-Rodgers and Honeywell valves
² Upflow applications only