SUBMITTAL DATA SHEET

ALL POSITION AUTOMATIC IGNITION FURNACES MODELS: G8C

JOB NAME: LOCATION:
PURCHASER: ORDER NO:
ENGINEER:

SUBMITTED TO: FOR: REF: APPROVAL: CONSTRUCTION:
SUBMITTED BY: DATE:
UNIT DESIGNATION: SCHEDULE NO. MODEL NO.

PRODUCT DATA

Heating Performance
Input Capacity __________ MBH
Output Capacity __________ MBH
Air Temp. Rise __________ °F

Supply Air Blower Performance
Total Supply Air __________ CFM
Total External Static Pressure __________ IWG
Blower Speed (circle) _____ HI MH ML L
Motor Rating __________ HP

Electrical Data
Power Supply _____/__/__/__
Total Unit Ampacity _____ AMPS
Minimum Wire Size _____ AWG
Maximum Overcurrent Device
☐ Fuses
☐ Circuit Breaker _____ AMPS

Unit Weight
Total Unit Weight _____ LBS

CLEARANCES

<table>
<thead>
<tr>
<th></th>
<th>Upflow</th>
<th>Downflow</th>
<th>Horz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Front</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Vent Pipe</td>
<td>6*</td>
<td>6*</td>
<td>6*</td>
</tr>
<tr>
<td>Rear &amp; Left Side</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Right Side</td>
<td>0</td>
<td>5*</td>
<td>1</td>
</tr>
<tr>
<td>End</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
</tbody>
</table>

* May be 1" for Type B vent

DIMENSIONS - INCHES

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>K</th>
</tr>
</thead>
</table>

1. 4-Position models may be factory configured as upflow (MU) or downflow (MD) models.
2. All models are supplied with 3" vent connections. An installer supplied transition to 4" or 5" must be used where necessary.

**3-Position 150 MBH model available only in upflow/horizontal (UH) configuration. Dimensions "B", "C", "D" & "E" are with duct flanges turned up. "F", "G", "H" & "J" are with flanges flat.
FEATURES

• 4-position (MU) upflow models allow horizontal-left, horizontal-right and downflow applications
• 3-position (UH) 150 MBH input model allows upflow, horizontal-left and horizontal-right application
• Reliable, hot surface igniter
• Integrated control module for simplicity and reliable, economical operation
• Built-in self-diagnostics with fault code display
• 100% shut off main gas valve for added safety
• Rollout safety control
• Low unit amp requirement for easy application
• High quality inducer motor for quiet operation
• 40 VA, fuse protected control transformer
• Terminals for controlling humidifiers and EAC’s
• Easy to connect power and control wiring
• Efficiency ratings of 80 AFUE
• Cooling blower relay supplied for easy installation of add-on cooling
• Blower off-delay for cooling SEER improvement
• Multi-speed PSC, direct-drive blower motors to match cooling requirements
• Adjustable fan-off settings to eliminate "cold-blow"
• Compact 31-1/2-in height allows installation in small space confines
• All models are propane convertible
• Prepainted exterior provides attractive, durable finish

FIELD INSTALLED ACCESSORIES

Propane Conversion Kit (Standard) – 1NP0366
This accessory conversion kit may be used to convert natural gas units for propane (LP) operation at altitudes 0-2,000 ft. Conversion must be made by qualified distributor or dealer personnel.

Propane Conversion Kit (High Altitude) – 1PS0467
This accessory conversion kit may be used to convert natural gas units for propane (LP) operation at altitudes from 2,000 to 8,000 ft. Conversion must be made by qualified distributor or dealer personnel.

Natural Gas Conversion Kit (High Altitude) – 1PS0466
This accessory conversion kit may be used to convert natural gas units for high altitude operation at altitudes from 2,000 to 8,000 ft. Conversion must be made by qualified distributor or dealer personnel.

Combustible Floor Base
This accessory is used for downflow applications on combustible surfaces.
17-1/2” “B” Cabinets 1FB0318
21” “C” Cabinets 1FB0319
24-1/2” “D” Cabinets 1FB0320

Bottom External Filter Rack
This accessory is used to upflow/bottom return air applications. Packaged and sold in quantities of six (6).
17-1/2” “B” Cabinets 1BR0312BK
21” “C” Cabinets 1BR0316BK
24-1/2” “D” Cabinets 1BR0320BK

UNIT CLEARANCES TO COMBUSTIBLES

<table>
<thead>
<tr>
<th>APPLICATION</th>
<th>TOP</th>
<th>FRONT</th>
<th>REAR</th>
<th>LEFT SIDE</th>
<th>RIGHT SIDE</th>
<th>FLUE</th>
<th>FLOOR / BOTTOM</th>
<th>CLOSET</th>
<th>ALCOVE</th>
<th>ATTIC</th>
<th>LINE CONTACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPFLOW</td>
<td>1</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>6</td>
<td>COMBUSTIBLE</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>UPFLOW B-VENT</td>
<td>1</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>COMBUSTIBLE</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>HORIZONTAL</td>
<td>0</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>6</td>
<td>COMBUSTIBLE</td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
<td>YES(See Note2)</td>
</tr>
<tr>
<td>HORIZONTAL B-VENT</td>
<td>1</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>COMBUSTIBLE</td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
<td>YES(See Note2)</td>
</tr>
<tr>
<td>DOWNFLOW</td>
<td>1</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>5*</td>
<td>6</td>
<td>1” (See Note1)</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>DOWNFLOW B-VENT</td>
<td>1</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1” (See Note1)</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
</tr>
</tbody>
</table>

NOTE: 1. Special floor base or air conditioning coil required for use on combustible floor.
NOTE: 2. Line contact only permitted between lines formed by the intersection of the rear panel and side panel (top in horizontal position) of the furnace jacket and building joists, studs or framing.
* Cabinet clearance is "0", vent clearance is required.

NOTES:

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