GG SERIES
GAS-FIRED UNIT HEATER

INDUSTRIAL, COMMERCIAL AND RESIDENTIAL GARAGE CERTIFIED
ETL LISTED

DIRECT SPARK IGNITION
RELIABLE BURNER IGNITION

TWO STAGE GAS
AVAILABLE ON SIZES 60-120

TUBULAR HEAT EXCHANGER
ALUMINIZED STEEL
Stainless Steel Option Available

SINGLE ORIFICE BURNER
ONE BURNER TO SERVICE
ONE BURNER TO CONVERT
321 STAINLESS STEEL BURNER BOX

DUAL VENTING
STANDARD UNIT CAN BE FIELD CONVERTED TO SEPARATED COMBUSTION WITH OPTIONAL COMBUSTION AIR INLET KIT

GAS CONVERSION KIT INCLUDED
STANDARD WITH EVERY UNIT

260 NORTH ELM ST. WESTFIELD, MA 01085
(413) 568-9571 • FAX: (413) 562-5311
www.sterlinghvac.com
STANDARD FEATURES

- 82+% Thermal Efficiency
- Redundant Single-Stage Gas Valve
- Residential Certification
- 120/24V Control Transformer
- OSHA Fan Guard
- 115/60 Fan Motor with Internal Overload Protection
- Direct Spark Ignition
- 20-Gauge Cabinet with Baked Enamel Finish
- 10 Year Heat Exchanger Warranty
- Right Hand Control Access - Field Convertible to Left Hand
- High Limit Switch
- Air Pressure Switch
- Natural or Propane Gas
- Gas Conversion Kit Included
- Field Convertible to Separated Combustion
- Easy Access Control Panel
- 321 Stainless Steel Burner Box
- 20-Gauge Aluminized Steel Heat Exchanger
- Power Vented

OPTIONAL FEATURES

- 409 Stainless Steel Heat Exchanger
- 2-Stage Gas Control (Sizes 60-120 Only)
- Stainless Steel Flue Collector
- Supply Voltage (Field Mounted Transformers):
  - 208/1/60
  - 230/1/60
  - 208/3/60
  - 230/3/60
  - 460/3/60
  - 575/3/60
- Vent Caps
- Totally Enclosed Motors (Sizes 60-120 Only)
- Pressure Regulator (1/2-35 psi)
- Single & 2-Stage Mercury Free Thermostats
- Line Volt Thermostat
- Locking Thermostat Cover
- 24V SPST Relay
- Combustion Air Inlet Kits (For All Separated Combustion Installations)

DIMENSIONAL DATA

- "27-5/16" (694 mm) Maximum Hanger Spacing
- "24" (610 mm) Hanger Spacing
- "16" (406 mm) Hanger Spacing
- 20-3/4" (527 mm) Hanger Spacing
- 18.247" (464 mm) Discharge Opening
- .750" (19 mm) Discharge OPENING
- .556" (19 mm) Discharge OPENING
- 19-3/4" (502 mm) L"C"
- Access Panel
- 30" (762 mm) L"A"
- "B"
- Adjustable Louvers
- 6" (152 mm) Electrical Connection
- 4" (102 mm) Gas Connection 1/2 N.P.T. (Natural & Propane)
- E Fan
- Vent Connections
- "H1"
- "H2"
- "D2"
- "D1"
- Rear View
- "C"
- 8" (203 mm)
- Top View
- 2-1/2" (64 mm)
- 1-1/4" (27 mm)
- "A"
- "B"
- Front View
- .556" (19 mm)
- 460/3/60
<table>
<thead>
<tr>
<th>UNIT CAPACITY (MBH)</th>
<th>30</th>
<th>45</th>
<th>60</th>
<th>75</th>
<th>90</th>
<th>105</th>
<th>120</th>
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<tr>
<td><strong>PERFORMANCE DATA</strong></td>
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<tr>
<td>Input - BTU/Hr (kW)</td>
<td>30,000</td>
<td>45,000</td>
<td>60,000</td>
<td>75,000</td>
<td>90,000</td>
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<td>Output - BTU/Hr (kW)</td>
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<td>37,350</td>
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<td>61,500</td>
<td>73,800</td>
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<tr>
<td>Thermal Efficiency - %</td>
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<tr>
<td>Free Air Delivery - CFM (cu. m/s)</td>
<td>370</td>
<td>550</td>
<td>740</td>
<td>920</td>
<td>1,100</td>
<td>1,300</td>
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<td>Air Temperature Rise - °F (°C)</td>
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<tr>
<td>Maximum Load Amps at 120V</td>
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<td>4.1</td>
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<td>6.4</td>
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<tr>
<td>Motor HP (kW)</td>
<td>1/20</td>
<td>1/20</td>
<td>1/12</td>
<td>1/12</td>
<td>1/10</td>
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<tr>
<td>Motor Type ODP††</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
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<tr>
<td>RPM</td>
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<td>Motor Amps @ 115V</td>
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<tr>
<td>DIMENSIONAL DATA - Inches (mm)</td>
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<tr>
<td>&quot;B&quot; Overall Height</td>
<td>13-1/4</td>
<td>13-1/4</td>
<td>16-13/16</td>
<td>16-13/16</td>
<td>23-9/16</td>
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<tr>
<td>&quot;D2&quot; Center Line Height of Air Intake</td>
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<td>8-5/8</td>
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<td>&quot;E&quot; Fan Diameter</td>
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<td>&quot;F&quot; Discharge Opening Height</td>
<td>10-13/16</td>
<td>10-13/16</td>
<td>14-7/16</td>
<td>14-7/16</td>
<td>14-7/16</td>
<td>21-3/16</td>
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<td>&quot;G&quot; Vent Connection Diameter</td>
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<tr>
<td>&quot;H1&quot; Center Line of Flue Connection From Side</td>
<td>7-1/4</td>
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<tr>
<td>VENT SIZE REQUIREMENTS - STANDARD COMBUSTION</td>
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<td>Category I &amp; II Vertical - Inches (mm)</td>
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<td>VENT SIZE REQUIREMENTS - SEPARATED COMBUSTION</td>
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<td>Exhaust Diameter - Inches (mm)</td>
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<td>Intake Air Diameter - Inches (mm)</td>
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<td>Unit Weight - Lbs (kgs)</td>
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<td>Shipping Weight - Lbs (kgs)</td>
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<td>90</td>
<td>95</td>
<td>110</td>
<td>115</td>
<td>120</td>
</tr>
</tbody>
</table>

*For all installations, the flue collar is included with the unit and should be field installed per the instructions included with the unit.
† Ratings shown are for unit installations at elevations between 0 and 2,000 feet (0 to 610m). For unit installations in USA above 2,000 feet (610m), the unit input must be field derated 4% for each 1,000 feet (305m) above sea level; refer to local codes, or in absence of local codes, refer to the latest edition of the National Fuel Gas Code, ANSI Standard Z223.1 (NFPA No. 54).
For installations in Canada, any reference to deration at altitudes in excess of 2,000 feet (610m) are to be ignored.
At altitudes of 2,000 feet to 4,500 feet (610 to 1372m), the unit must be field derated and be so marked in accordance with the ETL certification. See unit installation, operation and maintenance manual for deration information.
†† LEGEND: ODP = OPEN Drip PROOF  SP = SHADED POLE