Main Specifications

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>BLOWER SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blower Type</td>
<td>6&quot; w.c. Packaged (60Hz)</td>
</tr>
<tr>
<td>Maximum Input (Btu/hr)</td>
<td>190,000</td>
</tr>
<tr>
<td>Minimum Input (Btu/hr)</td>
<td>25,000</td>
</tr>
<tr>
<td>Air Inlet Pressure (&quot;w.c&quot;) @Max. Input</td>
<td>7.4</td>
</tr>
<tr>
<td>Blower Motor Horse Power</td>
<td>.25</td>
</tr>
<tr>
<td>Main Gas Pressure (&quot;w.c&quot;) into regulator</td>
<td>Max. 27.7</td>
</tr>
<tr>
<td>Backpressure (&quot;wc&quot;)</td>
<td>1.0</td>
</tr>
<tr>
<td>Weight-less actuator (lbs)</td>
<td>70</td>
</tr>
<tr>
<td>CO emissions (ppm)</td>
<td>&lt;100</td>
</tr>
<tr>
<td>Piping</td>
<td>N.P.T. or B.S.P.</td>
</tr>
<tr>
<td>Flame Detection</td>
<td>Flamerod or U.V. Scanner.</td>
</tr>
<tr>
<td>Fuel (1)</td>
<td>Natural gas, Propane, Butane</td>
</tr>
</tbody>
</table>

(1) Different fuels require different nozzles and orifices.

- All information is based on laboratory testing with a tube effective length of 21.6 feet. Different tube sizes and conditions may affect the data.
- All information is based on standard tube design. Changes in the tube will alter performance and pressures.
- All inputs based upon gross caloric values.
- Eclipse reserves the right to change the construction and/or configuration of our products at any time without being obliged to adjust earlier supplies accordingly.
- Plumbing of air and gas will affect accuracy of orifice readings. All information is based on generally acceptable air and gas piping practices.
Performance Data

Typical Operational Curve & Ignition Zone
(Nat. Gas, Propane & Butane)

Input as a percentage from low fire to high fire

Low Fire
25,000 Btu/hr.
(Regardless of Blower)

High Fire:
190,000 Btu/hr (6" w.c. Blower)
235,000 Btu/hr (10" w.c. Blower)
370,000 Btu/hr (Remote Blower)

Gas Orifice $\Delta P$ vs. Input
Measured from Tap "B" to Tap "D"

Air Orifice $\Delta P$ vs. Input @ 3% O$_2$
Measured from Tap "A" to Tap "C"

Typical Operational Curve & Ignition Zone
(Nat. Gas, Propane & Butane)

Input x1000 Btu/hr.

% Excess Air

Pressure Drop ("wc)

Natural Gas
Propane Gas
Butane Gas

Low Fire
25,000 Btu/hr.
(Regardless of Blower)

High Fire:
190,000 Btu/hr (6" w.c. Blower)
235,000 Btu/hr (10" w.c. Blower)
370,000 Btu/hr (Remote Blower)
**Dimensions & Specifications**

Dimensions in mm (inches)

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**Remote Blower**

3/4" NPT or BSP Gas Inlet

86 SQ (3.38)

2"NPT or BSP Air Inlet

Tap "D"

Tap "A"

Tap "B"

Tap "C"

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Note: See Remote Blower drawing below for Tap locations.