## BUDERUS G115 & G115WS Boilers

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<tbody>
<tr>
<td><strong>G115WS Series</strong></td>
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<tr>
<td>G115WS-3 105,000 Chimney EZ-1HP 0.76 9748611J21 5&quot; EZ-1</td>
<td>.60/.65</td>
<td>.60-60B Delavan</td>
<td>.60-60W Delavan</td>
<td>160</td>
<td>-0.03</td>
<td>Slightly +</td>
<td>0.60</td>
<td>390-440°F</td>
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<td>G115WS-4 133,000 Chimney EZ-1HP 0.95 9748611J28 5&quot; EZ-1</td>
<td>0.75</td>
<td>.75-60B Delavan</td>
<td>.75-60B Hago</td>
<td>160</td>
<td>-0.03</td>
<td>Slightly +</td>
<td>0.75</td>
<td>390-440°F</td>
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<td>G115WS-5 170,000 Chimney EZ-1HP 1.16 9748611J34 5&quot; EZ-1</td>
<td>0.75</td>
<td>.85-60B Hago</td>
<td>.85-60B Delavan</td>
<td>185</td>
<td>-0.03</td>
<td>Slightly +</td>
<td>1.00</td>
<td>400-460°F</td>
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<td><strong>G115 Series - Chimney Vent</strong></td>
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<tr>
<td>G115-21 84,000 Chimney EZ-1HP 0.61 9748611J21 5&quot; EZ-1</td>
<td>0.50</td>
<td>.50-70A Delavan</td>
<td>.50-60W Delavan</td>
<td>150</td>
<td>-0.03</td>
<td>Slightly +</td>
<td>0.50</td>
<td>330-360°F</td>
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<tr>
<td>G115-28 112,000 Chimney EZ-1HP 0.80 9748611J28 5&quot; EZ-1</td>
<td>0.60/.65</td>
<td>.65-60ES Hago</td>
<td>.65-70A Delavan</td>
<td>150</td>
<td>-0.03</td>
<td>Slightly +</td>
<td>0.65</td>
<td>340-370°F</td>
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<tr>
<td>G115-34 140,000 Chimney EZ-1HP 1.04 9748611J34 5&quot; EZ-1</td>
<td>.85/1.00</td>
<td>.85-60B Delavan</td>
<td>.85-60W Delavan</td>
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<td>-0.03</td>
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<td>0.85</td>
<td>380-420°F</td>
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<td><strong>G115 Series - Direct Vent</strong></td>
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<tr>
<td>G115-21 84,000 Direct Vent EZ-1HP 0.61 9748512J21 5&quot; EZ-1</td>
<td>0.50</td>
<td>.50-70A Delavan</td>
<td>.50-60ES Hago</td>
<td>150</td>
<td>N/A</td>
<td>N/A</td>
<td>0.50</td>
<td>330-360°F</td>
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<tr>
<td>G115-28 112,000 Direct Vent EZ-1HP 0.80 9748512J28 5&quot; EZ-1</td>
<td>0.60/.65</td>
<td>.65-60ES Hago</td>
<td>.65-60A Delavan</td>
<td>150</td>
<td>N/A</td>
<td>N/A</td>
<td>0.75</td>
<td>340-370°F</td>
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<tr>
<td>G115-34 140,000 Direct Vent EZ-1HP 1.04 9748512J34 5&quot; EZ-1</td>
<td>.85/1.00</td>
<td>.85-60B Delavan</td>
<td>.85-60W Delavan</td>
<td>150</td>
<td>N/A</td>
<td>N/A</td>
<td>1.00</td>
<td>380-420°F</td>
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</table>

Actual operating settings on the burner may differ from factory settings. Adjust burner settings to obtain a #0 smoke reading with a CO2 value of 11%-12%.

**EZ-1 Models:** During operation of burner if flame is pulsating or losing retention, install extra (larger) head bar that is provided with burner and readjust burner settings.

**Direct Vent models:** Drafts pressures will vary due to job site locations.

<table>
<thead>
<tr>
<th>Electrodes settings</th>
<th>Up</th>
<th>Ahead</th>
<th>Gap</th>
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<tbody>
<tr>
<td>EZ-1, 2, 3</td>
<td>5/16</td>
<td>Flush to 1/16</td>
<td>1/8 - 5/32</td>
</tr>
</tbody>
</table>

This data sheet is intended to be a setup guide. It is critical that all oil fired heating equipment be installed using combustion efficiency test equipment.