### Gas Orifice Capacity Chart

**BTU Ratings**

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>3.0</th>
<th>3.5</th>
<th>4.0</th>
<th>4.5</th>
<th>7.0</th>
<th>11.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>.0135</td>
<td>428</td>
<td>463</td>
<td>495</td>
<td>525</td>
<td>654</td>
<td>1273</td>
</tr>
<tr>
<td>79</td>
<td>.0145</td>
<td>494</td>
<td>534</td>
<td>571</td>
<td>605</td>
<td>755</td>
<td>1469</td>
</tr>
<tr>
<td>1/64</td>
<td>.0156</td>
<td>572</td>
<td>618</td>
<td>661</td>
<td>701</td>
<td>874</td>
<td>1700</td>
</tr>
<tr>
<td>78</td>
<td>.0160</td>
<td>602</td>
<td>650</td>
<td>695</td>
<td>737</td>
<td>919</td>
<td>1788</td>
</tr>
<tr>
<td>77</td>
<td>.0180</td>
<td>762</td>
<td>823</td>
<td>879</td>
<td>933</td>
<td>1163</td>
<td>2263</td>
</tr>
<tr>
<td>76</td>
<td>.0200</td>
<td>940</td>
<td>1016</td>
<td>1086</td>
<td>1152</td>
<td>1436</td>
<td>2794</td>
</tr>
<tr>
<td>75</td>
<td>.0210</td>
<td>1037</td>
<td>1120</td>
<td>1197</td>
<td>1270</td>
<td>1583</td>
<td>3081</td>
</tr>
<tr>
<td>74</td>
<td>.0225</td>
<td>1190</td>
<td>1285</td>
<td>1374</td>
<td>1457</td>
<td>1818</td>
<td>3536</td>
</tr>
<tr>
<td>73</td>
<td>.0240</td>
<td>1354</td>
<td>1462</td>
<td>1563</td>
<td>1658</td>
<td>2068</td>
<td>4024</td>
</tr>
<tr>
<td>72</td>
<td>.0250</td>
<td>1469</td>
<td>1587</td>
<td>1696</td>
<td>1799</td>
<td>2244</td>
<td>4366</td>
</tr>
<tr>
<td>71</td>
<td>.0260</td>
<td>1589</td>
<td>1716</td>
<td>1835</td>
<td>1946</td>
<td>2427</td>
<td>4722</td>
</tr>
<tr>
<td>70</td>
<td>.0280</td>
<td>1843</td>
<td>1991</td>
<td>2128</td>
<td>2257</td>
<td>2815</td>
<td>5476</td>
</tr>
<tr>
<td>69</td>
<td>.0292</td>
<td>2004</td>
<td>2165</td>
<td>2314</td>
<td>2455</td>
<td>3062</td>
<td>5956</td>
</tr>
<tr>
<td>68</td>
<td>.0310</td>
<td>2259</td>
<td>2440</td>
<td>2608</td>
<td>2767</td>
<td>3451</td>
<td>6713</td>
</tr>
<tr>
<td>1/32</td>
<td>.0313</td>
<td>2303</td>
<td>2487</td>
<td>2659</td>
<td>2820</td>
<td>3518</td>
<td>6843</td>
</tr>
<tr>
<td>67</td>
<td>.0320</td>
<td>2407</td>
<td>2600</td>
<td>2779</td>
<td>2948</td>
<td>3677</td>
<td>7153</td>
</tr>
<tr>
<td>66</td>
<td>.0330</td>
<td>2560</td>
<td>2765</td>
<td>2956</td>
<td>3135</td>
<td>3910</td>
<td>7607</td>
</tr>
<tr>
<td>65</td>
<td>.0350</td>
<td>2880</td>
<td>3110</td>
<td>2235</td>
<td>3527</td>
<td>4399</td>
<td>8557</td>
</tr>
<tr>
<td>64</td>
<td>.0360</td>
<td>3046</td>
<td>3291</td>
<td>3518</td>
<td>3731</td>
<td>4654</td>
<td>9053</td>
</tr>
<tr>
<td>63</td>
<td>.0370</td>
<td>3218</td>
<td>3476</td>
<td>3716</td>
<td>3941</td>
<td>4916</td>
<td>9563</td>
</tr>
<tr>
<td>62</td>
<td>.0380</td>
<td>3394</td>
<td>3666</td>
<td>3919</td>
<td>4157</td>
<td>5185</td>
<td>10087</td>
</tr>
<tr>
<td>61</td>
<td>.0390</td>
<td>3575</td>
<td>3862</td>
<td>4128</td>
<td>4379</td>
<td>5461</td>
<td>10625</td>
</tr>
<tr>
<td>60</td>
<td>.0400</td>
<td>3761</td>
<td>4062</td>
<td>4343</td>
<td>4606</td>
<td>5745</td>
<td>11176</td>
</tr>
<tr>
<td>59</td>
<td>.0410</td>
<td>3951</td>
<td>4268</td>
<td>4563</td>
<td>4840</td>
<td>6036</td>
<td>11742</td>
</tr>
<tr>
<td>58</td>
<td>.0420</td>
<td>4147</td>
<td>4479</td>
<td>4788</td>
<td>5078</td>
<td>6334</td>
<td>12322</td>
</tr>
<tr>
<td>57</td>
<td>.0430</td>
<td>4346</td>
<td>4695</td>
<td>5019</td>
<td>5323</td>
<td>6639</td>
<td>12916</td>
</tr>
<tr>
<td>56</td>
<td>.0465</td>
<td>5083</td>
<td>5490</td>
<td>5869</td>
<td>6225</td>
<td>7764</td>
<td>15104</td>
</tr>
<tr>
<td>3/64</td>
<td>.0469</td>
<td>5171</td>
<td>5585</td>
<td>5970</td>
<td>6333</td>
<td>7898</td>
<td>15365</td>
</tr>
<tr>
<td>55</td>
<td>.0520</td>
<td>6356</td>
<td>6865</td>
<td>7339</td>
<td>7785</td>
<td>9709</td>
<td>18888</td>
</tr>
<tr>
<td>54</td>
<td>.0550</td>
<td>7111</td>
<td>7680</td>
<td>8211</td>
<td>8709</td>
<td>10862</td>
<td>21131</td>
</tr>
<tr>
<td>53</td>
<td>.0595</td>
<td>8322</td>
<td>8989</td>
<td>9609</td>
<td>10192</td>
<td>12712</td>
<td>24730</td>
</tr>
<tr>
<td>1/16</td>
<td>.0625</td>
<td>9182</td>
<td>9918</td>
<td>10603</td>
<td>11246</td>
<td>14026</td>
<td>27286</td>
</tr>
<tr>
<td>52</td>
<td>.0635</td>
<td>9478</td>
<td>10238</td>
<td>10945</td>
<td>11609</td>
<td>14479</td>
<td>28167</td>
</tr>
<tr>
<td>51</td>
<td>.0670</td>
<td>10552</td>
<td>11398</td>
<td>12184</td>
<td>12924</td>
<td>16119</td>
<td>31357</td>
</tr>
<tr>
<td>50</td>
<td>.0700</td>
<td>11518</td>
<td>12441</td>
<td>13300</td>
<td>14107</td>
<td>17594</td>
<td>34228</td>
</tr>
<tr>
<td>No.</td>
<td>Size</td>
<td>&lt;---</td>
<td>NATURAL</td>
<td>---&gt;</td>
<td>&lt;LP&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----</td>
<td>------</td>
<td>------</td>
<td>---------</td>
<td>------</td>
<td>-----</td>
<td></td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>0.0995</td>
<td>23272</td>
<td>26872</td>
<td>28502</td>
<td>35549</td>
<td>69156</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>0.1015</td>
<td>24217</td>
<td>27963</td>
<td>31139</td>
<td>38837</td>
<td>75553</td>
<td></td>
</tr>
<tr>
<td>7/64</td>
<td>0.1094</td>
<td>28133</td>
<td>32486</td>
<td>34456</td>
<td>42975</td>
<td>83603</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>0.1100</td>
<td>28443</td>
<td>30786</td>
<td>32654</td>
<td>40726</td>
<td>79229</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>0.1110</td>
<td>28962</td>
<td>31283</td>
<td>33443</td>
<td>34835</td>
<td>44241</td>
<td>86066</td>
</tr>
<tr>
<td>33</td>
<td>0.1130</td>
<td>30015</td>
<td>32420</td>
<td>34659</td>
<td>36761</td>
<td>45849</td>
<td>89195</td>
</tr>
<tr>
<td>32</td>
<td>0.1160</td>
<td>31630</td>
<td>34165</td>
<td>36524</td>
<td>38739</td>
<td>48316</td>
<td>93994</td>
</tr>
<tr>
<td>31</td>
<td>0.1200</td>
<td>33849</td>
<td>36562</td>
<td>39068</td>
<td>41457</td>
<td>51706</td>
<td>100588</td>
</tr>
<tr>
<td>1/8</td>
<td>0.1250</td>
<td>36729</td>
<td>39672</td>
<td>4211</td>
<td>44984</td>
<td>56104</td>
<td>109145</td>
</tr>
<tr>
<td>30</td>
<td>0.1285</td>
<td>38815</td>
<td>41924</td>
<td>44819</td>
<td>47538</td>
<td>59290</td>
<td>115343</td>
</tr>
<tr>
<td>29</td>
<td>0.1360</td>
<td>43478</td>
<td>46961</td>
<td>50204</td>
<td>53249</td>
<td>66413</td>
<td>129200</td>
</tr>
<tr>
<td>28</td>
<td>0.1405</td>
<td>46402</td>
<td>50120</td>
<td>53581</td>
<td>56831</td>
<td>70881</td>
<td>127992</td>
</tr>
<tr>
<td>9/64</td>
<td>0.1406</td>
<td>46469</td>
<td>50192</td>
<td>53657</td>
<td>56912</td>
<td>70982</td>
<td>138088</td>
</tr>
<tr>
<td>27</td>
<td>0.1440</td>
<td>48743</td>
<td>52649</td>
<td>56284</td>
<td>59698</td>
<td>74456</td>
<td>144847</td>
</tr>
<tr>
<td>26</td>
<td>0.1470</td>
<td>50795</td>
<td>54865</td>
<td>58653</td>
<td>62211</td>
<td>77591</td>
<td>150946</td>
</tr>
<tr>
<td>25</td>
<td>0.1495</td>
<td>52538</td>
<td>56747</td>
<td>60665</td>
<td>64345</td>
<td>80253</td>
<td>156123</td>
</tr>
<tr>
<td>24</td>
<td>0.1520</td>
<td>54309</td>
<td>58661</td>
<td>62711</td>
<td>66515</td>
<td>82959</td>
<td>161389</td>
</tr>
<tr>
<td>23</td>
<td>0.1540</td>
<td>57748</td>
<td>60215</td>
<td>64372</td>
<td>68277</td>
<td>85157</td>
<td>165664</td>
</tr>
<tr>
<td>5/32</td>
<td>0.1563</td>
<td>57426</td>
<td>62027</td>
<td>66309</td>
<td>70332</td>
<td>87719</td>
<td>170649</td>
</tr>
<tr>
<td>22</td>
<td>0.1570</td>
<td>57941</td>
<td>62584</td>
<td>66905</td>
<td>70963</td>
<td>88507</td>
<td>172181</td>
</tr>
<tr>
<td>21</td>
<td>0.1590</td>
<td>59427</td>
<td>64188</td>
<td>68620</td>
<td>72783</td>
<td>90776</td>
<td>176596</td>
</tr>
<tr>
<td>20</td>
<td>0.1610</td>
<td>60931</td>
<td>65813</td>
<td>70357</td>
<td>74625</td>
<td>93074</td>
<td>181066</td>
</tr>
<tr>
<td>19</td>
<td>0.1660</td>
<td>64775</td>
<td>69965</td>
<td>74795</td>
<td>79332</td>
<td>98945</td>
<td>192487</td>
</tr>
<tr>
<td>18</td>
<td>0.1695</td>
<td>67535</td>
<td>72946</td>
<td>77982</td>
<td>82713</td>
<td>103161</td>
<td>200690</td>
</tr>
<tr>
<td>11/64</td>
<td>0.1719</td>
<td>69461</td>
<td>75026</td>
<td>80206</td>
<td>85072</td>
<td>106103</td>
<td>206413</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>----</td>
<td>-------</td>
<td>-------</td>
<td>-------</td>
<td>-------</td>
<td>-------</td>
<td>-------</td>
<td>-------</td>
</tr>
<tr>
<td>17</td>
<td>.1730</td>
<td>70353</td>
<td>75990</td>
<td>81236</td>
<td>86164</td>
<td>107465</td>
<td>209063</td>
</tr>
<tr>
<td>16</td>
<td>.1770</td>
<td>73644</td>
<td>79544</td>
<td>85036</td>
<td>90195</td>
<td>112492</td>
<td>218843</td>
</tr>
<tr>
<td>15</td>
<td>.1800</td>
<td>76161</td>
<td>82263</td>
<td>87943</td>
<td>93278</td>
<td>116338</td>
<td>226324</td>
</tr>
<tr>
<td>14</td>
<td>.1820</td>
<td>77863</td>
<td>84102</td>
<td>89908</td>
<td>95362</td>
<td>118938</td>
<td>231381</td>
</tr>
<tr>
<td>13</td>
<td>.1850</td>
<td>80451</td>
<td>86897</td>
<td>92897</td>
<td>98532</td>
<td>122891</td>
<td>239072</td>
</tr>
<tr>
<td>3/16</td>
<td>.1875</td>
<td>82640</td>
<td>89261</td>
<td>95425</td>
<td>101213</td>
<td>126235</td>
<td>245577</td>
</tr>
<tr>
<td>12</td>
<td>.1890</td>
<td>83968</td>
<td>90695</td>
<td>96957</td>
<td>102839</td>
<td>128263</td>
<td>249522</td>
</tr>
<tr>
<td>11</td>
<td>.1910</td>
<td>85754</td>
<td>92625</td>
<td>99020</td>
<td>105027</td>
<td>130992</td>
<td>254831</td>
</tr>
<tr>
<td>10</td>
<td>.1935</td>
<td>88014</td>
<td>95066</td>
<td>101629</td>
<td>107794</td>
<td>134443</td>
<td>261546</td>
</tr>
<tr>
<td>9</td>
<td>.1960</td>
<td>90303</td>
<td>97538</td>
<td>104272</td>
<td>110598</td>
<td>137940</td>
<td>268348</td>
</tr>
<tr>
<td>8</td>
<td>.1990</td>
<td>93088</td>
<td>100547</td>
<td>107489</td>
<td>114009</td>
<td>142194</td>
<td>276625</td>
</tr>
<tr>
<td>7</td>
<td>.2010</td>
<td>94969</td>
<td>102578</td>
<td>109660</td>
<td>116312</td>
<td>145067</td>
<td>282213</td>
</tr>
<tr>
<td>13/64</td>
<td>.2031</td>
<td>96963</td>
<td>104732</td>
<td>111964</td>
<td>118755</td>
<td>148114</td>
<td>288141</td>
</tr>
<tr>
<td>6</td>
<td>.2040</td>
<td>97825</td>
<td>105663</td>
<td>112958</td>
<td>119810</td>
<td>149430</td>
<td>290701</td>
</tr>
<tr>
<td>5</td>
<td>.2055</td>
<td>99269</td>
<td>107222</td>
<td>114626</td>
<td>121579</td>
<td>151635</td>
<td>294991</td>
</tr>
<tr>
<td>4</td>
<td>.2090</td>
<td>102679</td>
<td>110906</td>
<td>118563</td>
<td>125755</td>
<td>156844</td>
<td>305125</td>
</tr>
<tr>
<td>3</td>
<td>.2130</td>
<td>106647</td>
<td>115192</td>
<td>123145</td>
<td>130615</td>
<td>162906</td>
<td>316916</td>
</tr>
<tr>
<td>7/32</td>
<td>.2188</td>
<td>112534</td>
<td>121550</td>
<td>129943</td>
<td>137825</td>
<td>171898</td>
<td>334411</td>
</tr>
<tr>
<td>2</td>
<td>.2210</td>
<td>114808</td>
<td>124007</td>
<td>132569</td>
<td>140611</td>
<td>175372</td>
<td>341169</td>
</tr>
<tr>
<td>1</td>
<td>.2280</td>
<td>122196</td>
<td>131987</td>
<td>141100</td>
<td>149659</td>
<td>186658</td>
<td>363124</td>
</tr>
</tbody>
</table>