HIGH EFFICIENCY PERIMETER HEATING EQUIPMENT
SUBMITTAL DATA PAGE

MODEL: HE3 Silent Fin™

Name of job and location ______________________________________ Date ____________________

Architect ___________________________ Engineer ___________________________ Sheet _______ Of ________

Contractor ___________________________ Order Number ___________________________ 

Submitted by ___________________________

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HE3 Silent Fin™ SPECIFICATIONS

HE3 CONSISTS OF:

☐ Coil Block
☐ Glide Clip with pipe cradle
☐ Back Plate
☐ Perforated Cover
☐ Starter Strip (Optional)

LENGTHS: 2’ – 8’ in 12” increments
FRONT COVER, BACK PLATE AND STARTER STRIP:

☐ 22 Gauge

FINISH - COVER:

☐ Dove white two part rust resistant baked on prime coat enamel

INSTALLATION SYSTEM – See detail

COIL BLOCK SPECIFICATIONS

SEAMLESS COPPER TUBE SIZE:

☐ 3/4”

SEAMLESS COPPER TUBE TYPE:

☐ Type M

SEAMLESS COPPER TUBE QUANTITY:

☐ One Tube

FIN SIZE:

☐ 3-17/32”H X 3-5/32”W - .020” Aluminum

FIN TYPE:

☐ Embossed for increased turbulence
☐ Notched for Glide Clips

FINS PER FOOT

☐ 51 FPF

PIPING CONFIGURATIONS

☐ Single pipe no return
☐ Molded Glide Clip cradle may be used to support return pipe if required

JOB SPECIFIC INFORMATION – BASIS OF DESIGN

AVERAGE WATER TEMPERATURE _____________ °F

WATER FLOW RATE _______ GPM ___________ FPS

ENTERING AIR TEMPERATURE ________________ °F

PIPING CONFIGURATION ______________________

RATING ____________________________ BTU/HR/LF ______________
**HIGH EFFICIENCY PERIMETER HEATING EQUIPMENT**

**SUBMITTAL PERFORMANCE PAGE**

**MODEL: HE3 Silent Fin™**

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### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Entering Water Temperature (BTU/hr/ft @EWT in °F)</th>
<th>90 °F</th>
<th>100 °F</th>
<th>110 °F</th>
<th>120 °F</th>
<th>130 °F</th>
<th>140 °F</th>
<th>150 °F</th>
<th>160 °F</th>
<th>170 °F</th>
<th>180 °F</th>
<th>190 °F</th>
<th>200 °F</th>
<th>210 °F</th>
</tr>
</thead>
<tbody>
<tr>
<td>32 °C</td>
<td>117*</td>
<td>189</td>
<td>261*</td>
<td>342</td>
<td>423*</td>
<td>500</td>
<td>576*</td>
<td>686</td>
<td>795*</td>
<td>888</td>
<td>980*</td>
<td>1080</td>
<td>1179*</td>
</tr>
<tr>
<td>38 °C</td>
<td>141*</td>
<td>201</td>
<td>262*</td>
<td>362</td>
<td>463*</td>
<td>560</td>
<td>657*</td>
<td>750</td>
<td>843*</td>
<td>928</td>
<td>1012*</td>
<td>1110</td>
<td>1208*</td>
</tr>
<tr>
<td>43 °C</td>
<td>143*</td>
<td>220</td>
<td>296*</td>
<td>382</td>
<td>468*</td>
<td>566</td>
<td>665*</td>
<td>791</td>
<td>917*</td>
<td>1020</td>
<td>1123*</td>
<td>1230</td>
<td>1337*</td>
</tr>
</tbody>
</table>

* Where marked (*) Heating Edge HE3 Silent Fin’ output is based on performance tests undertaken by BSRIA. The test data can be verified on the BSRIA website (report 58930/1). This includes calibration information. The catalogue data above is presented in accordance with the American IBR laboratory testing protocol for baseboard heating. This allows a 15% heating effect factor to be applied to the test values.

<table>
<thead>
<tr>
<th>Average Water Temperature (BTU/hr/ft @AWT in °F)</th>
<th>90 °F</th>
<th>100 °F</th>
<th>110 °F</th>
<th>120 °F</th>
<th>130 °F</th>
<th>140 °F</th>
<th>150 °F</th>
<th>160 °F</th>
<th>170 °F</th>
<th>180 °F</th>
<th>190 °F</th>
<th>200 °F</th>
<th>210 °F</th>
</tr>
</thead>
<tbody>
<tr>
<td>32 °C</td>
<td>121</td>
<td>192</td>
<td>273</td>
<td>357</td>
<td>438</td>
<td>518</td>
<td>608</td>
<td>728</td>
<td>837</td>
<td>933</td>
<td>1035</td>
<td>1139</td>
<td>1233</td>
</tr>
<tr>
<td>38 °C</td>
<td>143</td>
<td>205</td>
<td>270</td>
<td>380</td>
<td>480</td>
<td>578</td>
<td>675</td>
<td>771</td>
<td>864</td>
<td>950</td>
<td>1038</td>
<td>1140</td>
<td>1240</td>
</tr>
<tr>
<td>43 °C</td>
<td>147</td>
<td>224</td>
<td>302</td>
<td>394</td>
<td>482</td>
<td>581</td>
<td>681</td>
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<td>932</td>
<td>1036</td>
<td>1142</td>
<td>1245</td>
<td>1352</td>
</tr>
</tbody>
</table>

The Average Water Temperatures are interpolated by factory based on BSRIA test data.

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**INSTALLATION DIAGRAM**

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