HIGH EFFICIENCY PERIMETER HEATING EQUIPMENT
SUBMITTAL DATA PAGE

MODEL: HE2

HE2 SPECIFICATIONS
HE2 CONSISTS OF:
□ Coil Block
□ EZ Hanger Back Plate
□ Perforated Cover
□ Starter Strip
LENGTHS: 2' – 8' in 12" increments
FRONT COVER, BACK PLATE AND STARTER STRIP:
□ 22 Gauge
FINISH:
□ Dove Grey 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:
□ Two Tubes
FIN SIZE:
□ 7"H X 3" W - .009 Aluminum
FIN TYPE:
□ Tri Folded prevents nesting
□ Scrubbed increases turbulence
□ Notched for mounting system
FINS PER FOOT
□ 47.3 FPF

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__________

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HIGH EFFICIENCY PERIMETER HEATING EQUIPMENT
SUBMITTAL PERFORMANCE PAGE

MODEL: HE2

Name of job and location ___________________________ Date __________________

Architect ___________________________ Engineer ___________________________ Sheet _____ Of _____

Contractor ___________________________ Order Number ___________________________

Submitted by ___________________________

SPECIFICATIONS

Heating Edge™
Hot Water Performance Ratings

<table>
<thead>
<tr>
<th>Hot Water Performance Ratings</th>
<th>Flow Rate GPM</th>
<th>PD in ft of H2O</th>
<th>Average Water Temperature (BTU/hr/ft @ AWT In °F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWO SUPPLIES PARALLEL</td>
<td>0.0044</td>
<td>130</td>
<td>90°F</td>
</tr>
<tr>
<td></td>
<td>0.0841</td>
<td>224</td>
<td>100°F</td>
</tr>
<tr>
<td></td>
<td>0.1088</td>
<td>314</td>
<td>110°F</td>
</tr>
<tr>
<td>TOP SUPPLY BOTTOM RETURN</td>
<td>0.0962</td>
<td>211</td>
<td>120°F</td>
</tr>
<tr>
<td>BOTTOM SUPPLY TOP RETURN</td>
<td>0.0962</td>
<td>201</td>
<td>130°F</td>
</tr>
<tr>
<td>BOTTOM SUPPLY NO RETURN</td>
<td>0.0484</td>
<td>195</td>
<td>140°F</td>
</tr>
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</table>

Performance Notes: All ratings include a 15% heating effect factor. Materials of construction include all aluminum “patented” fins at 47.3 per LF, mechanically bonded to two 3/4” (075) type M copper tubes (“Coil Block”) covered by a 22 gauge perforated, painted cover all mounted to a backplate. Please see dimensional drawing for fin size and dimensions. EAT=65°F. Pressure drop in feet of H2O per LF.

Installation Notes: HE2’s unique design allows performance outputs exceeding those of traditional single pipe baseboard designs. When installed with a parallel supply connection it is recommended that a minimum flow rate of 1.5 gpm be maintained to maximize efficiency and performance.

BSRIA Report No. 5544/4

*Where marked (*) Heating Edge (HE2) output is based on performance tests witnessed by BSRIA. The test data can be verified on the BSRIA website (report 5544/4). 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.
HIGH EFFICIENCY PERIMETER HEATING EQUIPMENT
SUBMITTAL ACCESSORY AND INSTALLATION PAGE

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ACCESSORIES

- HE-TK The trim kit includes the cover, the back plate and starter strip. Available lengths: 2' 3' 4' 5' 6' 7' 8'
- IC90W 90° inside corner
- OC90W 90° outside corner
- SW Splicer 2", 3", 4", 6"
- IC135W 135° inside corner
- OC135W 135° outside corner
- EC12W 12" end cap left or right
- EC6W 6" end cap left or right
- HE-EO Element Only: 3/4" Copper Core Only. Available lengths: 2' 3' 4' 5' 6' 7' 8'

INSTALLATION DIAGRAM