**COMBUSTION CHAMBER**

- SHELL OUTER - 1/4" CARBON STEEL SA-53 GR.B
- SHELL INNER - 1/4" STAINLESS STEEL SA-240, 439 SS
- HEAD - 1/2" CARBON STEEL SA-516 GR.70
- EXPANSION JOINT - 1/4" STAINLESS STEEL SA-240, 439SS

**HEAT EXCHANGER**

- UPPER TUBESHEET - 1/4" STAINLESS STEEL SA-240, 439SS
- LOWER TUBESHEET - 1/4" STAINLESS STEEL SA-240, 439SS
- TUBES - STAINLESS STEEL 9/16" O.D. X .049 WALL SA-249, 439SS
- SHELL - 1/4" CARBON STEEL SA-53 GR.A OR B

**HEAT EXCHANGERS & COMBUSTION CHAMBER DESIGN STANDARDS**

<table>
<thead>
<tr>
<th>MAX. WORKING PRESS. (PSIG)</th>
<th>MAXIMUM TEMP. (°F)</th>
<th>TEST PRESS. (PSIG)</th>
<th>HT’G SURFACE (SQ. FT.)</th>
<th>MIN. RELIEF VA. (MBH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>160</td>
<td>210</td>
<td>240</td>
<td>107</td>
<td>1500</td>
</tr>
<tr>
<td>160</td>
<td>210</td>
<td>240</td>
<td>150</td>
<td>2000</td>
</tr>
</tbody>
</table>

ASME B & PV CODE: SECTION IV STAMP H

**NOTES:**

1. ALL DIMENSIONS SHOWN ARE IN INCHES (CENTIMETERS).
2. RELIEF VALVE, TRIDICATOR & CONDENSATE TRAP ARE INCLUDED SEPARATELY IN SHIPMENT.
3. AERCO RESERVES THE RIGHT TO MODIFY BOILER DIMENSIONS WITHOUT PRIOR NOTICE.
4. BENCHMARK® PLATINUM SHOWN. SAME DIMENSIONS APPLY TO STANDARD BENCHMARK MODELS.