**Immersed Coil**

*Designed for the high demands of corrosive chemical heating or cooling*

- For use in most alkaline or acid solutions
- Vertical or horizontal configurations
- Every inch of coil surface is active exchange area
- 2-inch thick, low profile design

316 stainless steel, Zirconium, Hastelloy C and Titanium

4.6 square foot to 89.9 square foot of exchange area

100 PSI working pressure (steam or water)

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**PRODUCT DATA SHEET**

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Features & Values

- Wide variety of materials available for use in heating or cooling applications for alkaline or acid solutions and rinse tanks. Check solution guide or consult with your chemical supplier for proper sheath material.

- Heavy wall, 20 gauge metal tubing available in steel, 316 stainless steel and titanium.

- 1” diameter tubing and 1” MNPT connection fittings standard.

- 4.6 square foot to 89.9 square foot of exchange area

- Single point connections reduce the potential for leaks and simplify installation.

- NOTE: Inlet and outlet connections must be sized to adequately handle water and steam volume requirements. Generally, larger inlet sizes are needed for grid coils larger than 33 sq. ft. (for steam) and 25 sq. ft. (for water).

Specifications

- Safety Features
  - Integral inlet and outlet manifolds for single point connections greatly reduce the potential for leaks and simplifies installation.

- Pressure
  - 100 PSI working pressure (steam or water)

- Options
  - Mounting Hangers
  - Vertical or horizontal configurations
  - Heavier gauge tubing or pipe
  - Zirconium, Hastelloy C and other alloys available
  - Vacuum Breakers
  - Special riser sizes, fittings, lengths, and configurations
  - Non-conductive isolator couplings

Dimensions

Model Number Breakdown

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<thead>
<tr>
<th>T</th>
<th>B</th>
<th>G</th>
<th>30</th>
<th>H</th>
<th>S</th>
<th>R18</th>
<th>BB</th>
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<tbody>
<tr>
<td>Series</td>
<td>No. of Tubes</td>
<td>Style Coil</td>
<td>Coil Length</td>
<td>Configuration</td>
<td>Service Conditions</td>
<td>Riser Height &amp; Misc.</td>
<td>Inlet/Outlet Sizes</td>
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<td>Steel</td>
<td>8</td>
<td>Grid style</td>
<td>Length in inches (not to exceed tank length)</td>
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- T = Steel
- E = 316 stainless steel
- T = Titanium
- H = Hastelloy C®
- Z = Zirconium
- G = Grid style
- S = Steam
- W = Water
- H = Horizontal
- V = Vertical
- GA = 1/2” inlet/3/4” outlet
- G = 3/4” FNPT
- H = 1” FNPT
- I = 1/2” FNPT
- C = 1/4” MNPT
- D = 1/2” MNPT
- A = 3/4” MNPT
- B = 1” MNPT
- R = specify custom riser height
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