



HEAT TRANSFER SYSTEMS

» REQUEST A QUOTE

What We Need To Know

- Tank Size - Length, Width and Height (or Diameter)
- Chemical composition of the solution being heated
- Operating temperature of the solution - as well as the starting temperature
- Time to reach desired temperature
- Heat transfer medium – Example - Steam (psi), water, glycol, etc.
- Type of Temp-Plate® finish required - Mill Finish or Polished



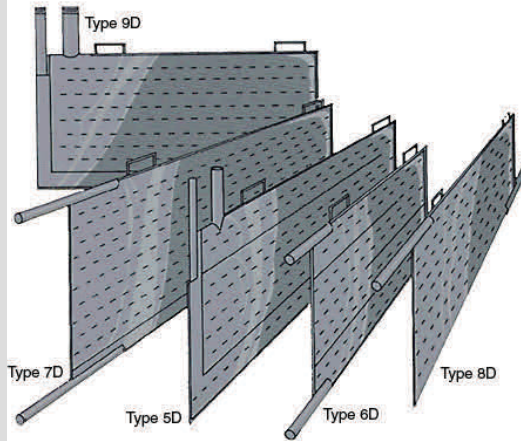
Single Embossed



Double Embossed



Dimpled



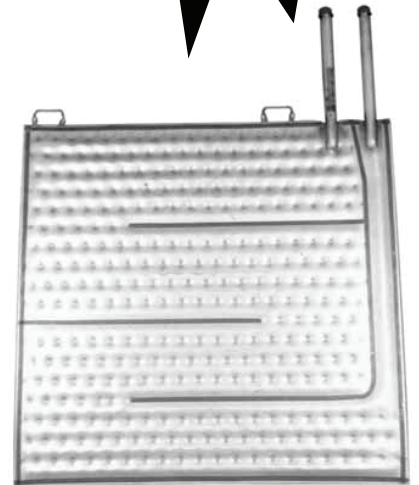
Temp-Plate® heat transfer systems provide efficient heating/cooling with nearly unlimited design flexibility. Material type and gauge, steam patterns, plate dimensions, material finishes, weld finishes, and embossing style are all selected to optimize heat transfer. Irregular shapes can be welded and formed for any application. A JSA technical sales engineer can work with you to properly size and specify a system that will meet all requirements.

» Design Features

- **Embossing** - Available in single embossed, double embossed and dimpled
- **Material** - Available in 300 & 400 series stainless steel, A-620 carbon steel, Alloy 20, Hastelloy (B, C & F), Monel & titanium. Other alloys available upon request.
- **Finish** - Mill finish (no polish), chemically electropolished or manually belt polished

» Advantages

- Double Embossed design maximizes heating/cooling efficiency
- Reduced condensate build-up
- Reduced fatigue failure
- Wide variety of designs and materials available
- Can support high operating temperatures and pressures



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