For ASME Application Computerized Data will be provided

For ASME Certified Units

Email form to: sales@aihti.com or engineering@aihti.com or fax to 434-757-1810

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### Hot Side

- **Fluid Type**: __________
- **Density**: ________ lb/ft³
- **Viscosity**: ________ cP
- **Conductivity**: ________ Btu/hr.ft.°F
- **Specific Heat**: ________ Btu/lb.°F

If available:
- **Density**: ________ lb/ft³
- **Viscosity**: ________ cP
- **Conductivity**: ________ Btu/hr.ft.°F
- **Specific Heat**: ________ Btu/lb.°F

1. **Flow Rate**: ______________
2. **Temperature In**: ______________
3. **Desired Temperature Out**: ______
4. **Heat Load**: ______________

To properly size the heat exchanger we need 3 of the 4 parameter on the Hot Side and 2 on the Cold Side.

### Cold Side

- **Fluid Type**: __________
- **Density**: ________ lb/ft³
- **Viscosity**: ________ cP
- **Conductivity**: ________ Btu/hr.ft.°F
- **Specific Heat**: ________ Btu/lb.°F

If available:
- **Density**: ________ lb/ft³
- **Viscosity**: ________ cP
- **Conductivity**: ________ Btu/hr.ft.°F
- **Specific Heat**: ________ Btu/lb.°F

1. **Flow Rate**: ______________
2. **Temperature In**: ______________
3. **Desired Temperature Out**: ______________
4. **Heat Load**: ______________

To properly size the heat exchanger we need 3 of the 4 parameter on the Hot Side and 2 on the Cold Side.

### Fixed Tube Bundle □ Removable Tube Bundle □ U-Tube Fixed Tube Bundle □ U-Tube Removable Tube Bundle □

**Shell Material Construction:**
- Steel □ Stainless Steel □

**Tube Sheet Material**
- Steel □ Stainless Steel □
- Brass □ (Applies to removable bundle only)

**Tube Material Construction:**
- Copper □
- 90/10 Copper Nickel □
- Stainless Steel □

**End Bonnets Material:**
- Steel □ Stainless Steel □

**Require All Stainless Steel Heat Exchanger**: Yes □ No □

**Comment**: ____________________________________________

**Note**: AIHTI reserves the right to make reasonable design changes without notice.

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Website: www.aihti.com

General Email: sales@aihti.com

Technical Email: engineering@aihti.com
At American Industrial we manufacture various sizes of heat exchangers, from 5 inch to 50 inches diameter and larger if needed. The length can range from 20 inches to 40 feet long. Heat exchangers can be manufactured in a variety of materials to meet customer requirements with ASME code and certified.

Since we manufacture all components in our facility, we can meet the quality and delivery our customers require.

We can duplicate any existing heat exchanger from a drawing, free-hand sketch, or by sending the actual physical unit to our facility. We will guarantee to meet material construction, dimensions, and performance of the unit.

You may contact:
Engineering department: 434-757-1800 • 847-731-1000
engineering@aihti.com • sales@aihti.com
ASME *sample units*

Sample of Shell and Tube

Sample of air and liquid