



Air Cooled Liquid Cooler Application Request:

For AOCS-ASME Certified Series

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

Contact Name _____ Telephone _____ Date _____

Company Name _____ Email _____

Address: _____ Fax _____

Hot Side

Cold Side

Fluid Type _____

Ambient Air _____

Density _____ lb/ft³

Altitude _____

Viscosity _____ cP

If available:

Thermal Conductivity _____ Btu/hr.ft.°F

Specific Heat _____ Btu/lb.°F

1. Flow Rate _____

1. Operating Pressure _____

2. Temperature In _____

2. Allowable Pressure Drop _____

3. Desired Temperature Out _____

ASME Code and Certified Yes No

4. Heat Load _____

To properly size the heat exchanger we need 3 of the 4 parameters on the Hot Side.

Cabinet Material:

Tubing Material:

Motor

Standard : Steel

Standard : Copper

60Hz: 230/460 Volt, 3 Phase

Options: Galvanized Steel

Options: 90/10 Copper Nickel

115/230 Volt, 1 Phase

Options: Stainless Steel

Options: Stainless Steel

575 Volt, 3 Phase

Coating

Fins

50Hz 230/400 Volt, 3 Phase

Standard Enameled Gray Paint

Standard Aluminum

110/220 Volt, 1 Phase

Options: Epoxy Paint

Options: Copper
Optional Coating: Heresite

Hydraulic Motor

Comment: _____

ASME CERTIFIED AIR / LIQUID UNITS



ASME CERTIFIED HEAT EXCHANGERS

At American Industrial we manufacture a various sizes of heat exchangers, from 3 inch to 50 inches diameter, 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 stamp with certificate.

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