



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

Fluid Type _____
Density _____ lb/ft³
Viscosity _____ cP
If available: Thermal Conductivity _____ Btu/hr.ft.°F
Specific Heat _____ Btu/lb.°F

Cold Side

Ambient Air _____
Altitude _____

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:

Options: Standard : Steel
Galvanized Steel
Stainless Steel

Tubing Material:

Options: Standard : Copper
90/10 Copper Nickel
Stainless Steel

Motor

60Hz: 230/460 Volt, 3 Phase
115/230 Volt, 1 Phase
575 Volt, 3 Phase

Coating

Options: Standard Enameled Gray Paint
Epoxy Paint

Fins

Options: Standard Aluminum
Optional Coating: Copper
Heresite

50Hz 230/400 Volt, 3 Phase
110/220 Volt, 1 Phase

Hydraulic Motor

Comment: _____

American Industrial Heat Transfer Inc.

Manufacturer of Quality Heat Exchangers



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