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

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

Cold Side

Ambient Air __________
Altitude __________

1. Operating Pressure ______________
2. Allowable Pressure Drop ______________
3. ASME Code and Certified Yes ☐ No ☐

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

Cabinet Material:

Standard: Steel ☐
Galvanized Steel ☐
Stainless Steel ☐

Options:

Tubing Material:

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

Options:

Motor

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

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

Hydraulic Motor ☐

Coating

Standard Enameled Gray Paint ☐
Epoxy Paint ☐

Options:

Fins

Standard Aluminum ☐
Copper ☐
Heresite ☐

Options: Optional Coating:

Comment: ____________________________________________
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