



Air Cooled Liquid Cooler Application Request:

For ACL 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.

<p>Cabinet Material:</p> <p>Standard : Steel <input type="checkbox"/></p> <p>Options: Galvanized Steel <input type="checkbox"/></p> <p>Stainless Steel <input type="checkbox"/></p> <p>Coating</p> <p>Standard Enameled Gray Paint <input type="checkbox"/></p> <p>Options: Epoxy Paint <input type="checkbox"/></p>	<p>Tubing Material:</p> <p>Standard : Copper <input type="checkbox"/></p> <p>Options: Stainless Steel <input type="checkbox"/></p> <p>90/10 Copper Nickel <input type="checkbox"/></p> <p>Fins</p> <p>Standard Aluminum <input type="checkbox"/></p> <p>Options: Copper <input type="checkbox"/></p> <p>Optional Coating: Heresite <input type="checkbox"/></p>	<p>Motor</p> <p>60Hz: 230/460 Volt, 3 Phase <input type="checkbox"/></p> <p>115/230 Volt, 1 Phase <input type="checkbox"/></p> <p>575 Volt, 3 Phase <input type="checkbox"/></p> <p>50Hz 230/400 Volt, 3 Phase <input type="checkbox"/></p> <p>110/220 Volt, 1 Phase <input type="checkbox"/></p> <p>Hydraulic Motor <input type="checkbox"/></p>
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Comment: _____

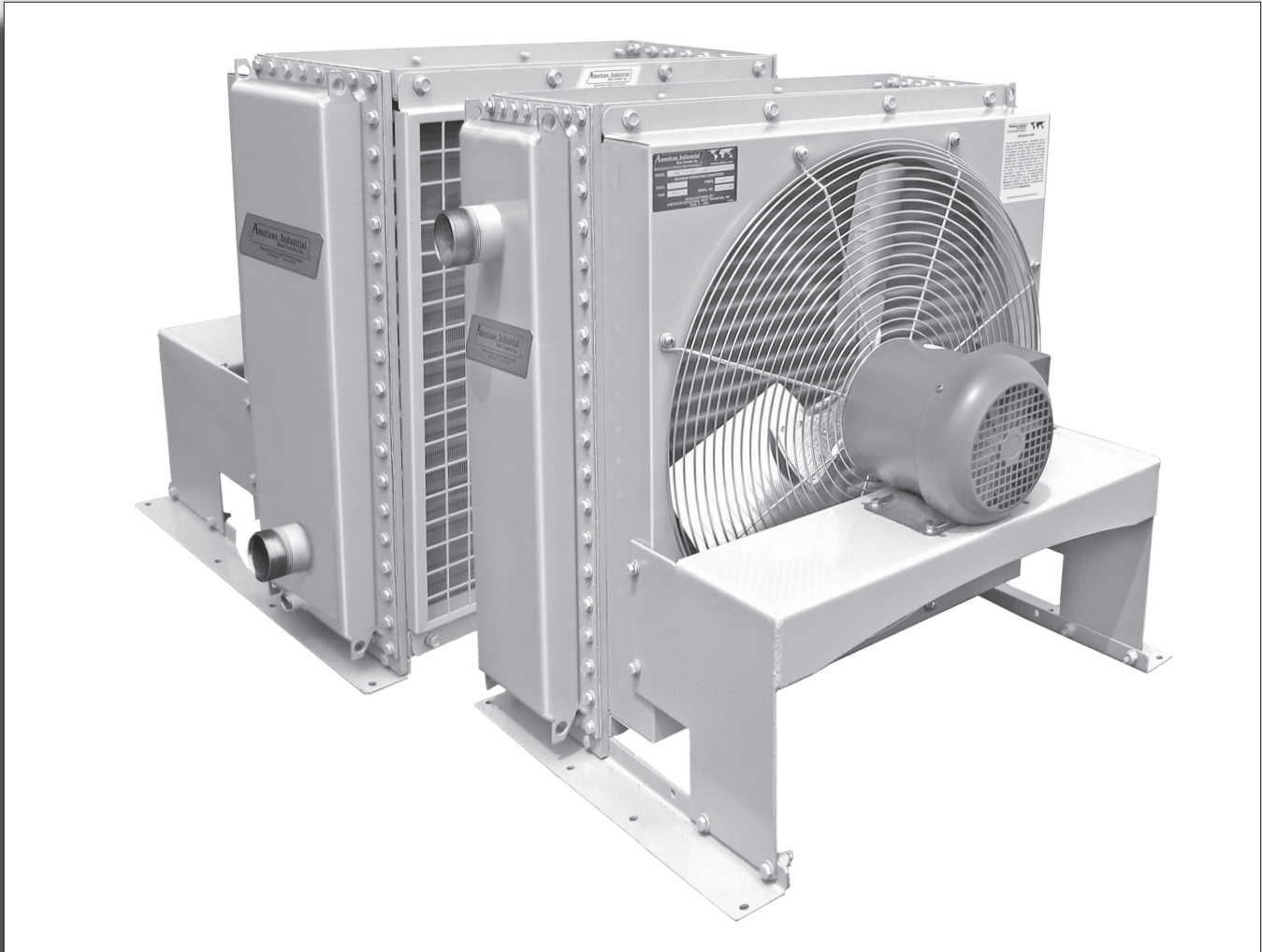
American Industrial Heat Transfer Inc.

Manufacturer of Quality Heat Exchangers



www.aihti.com

ACL SERIES

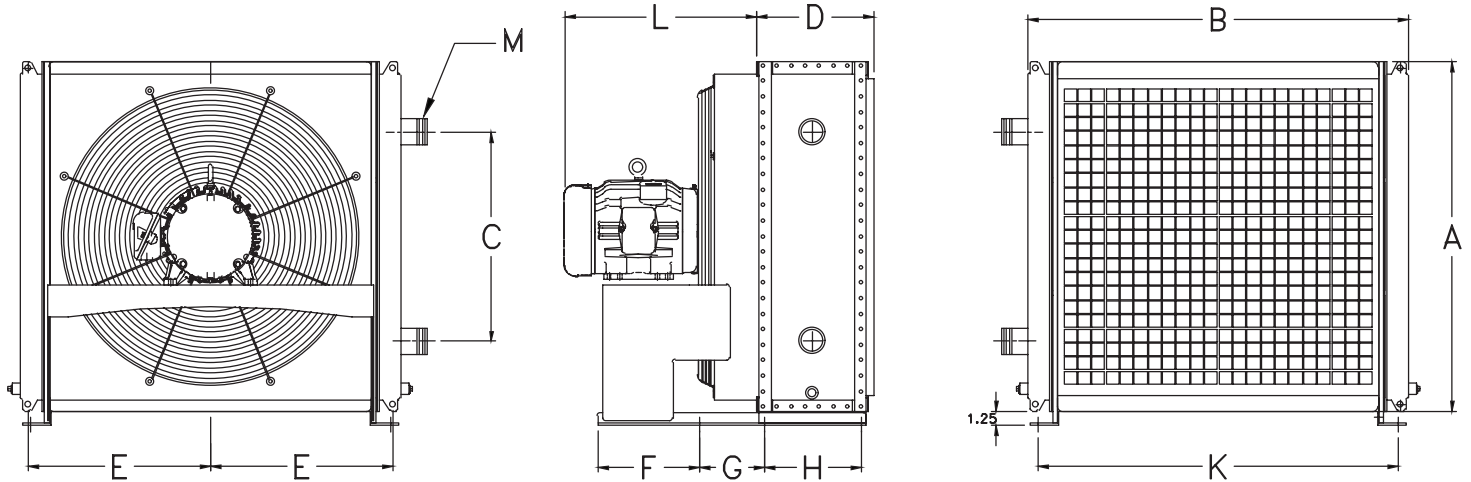


AIR COOLED

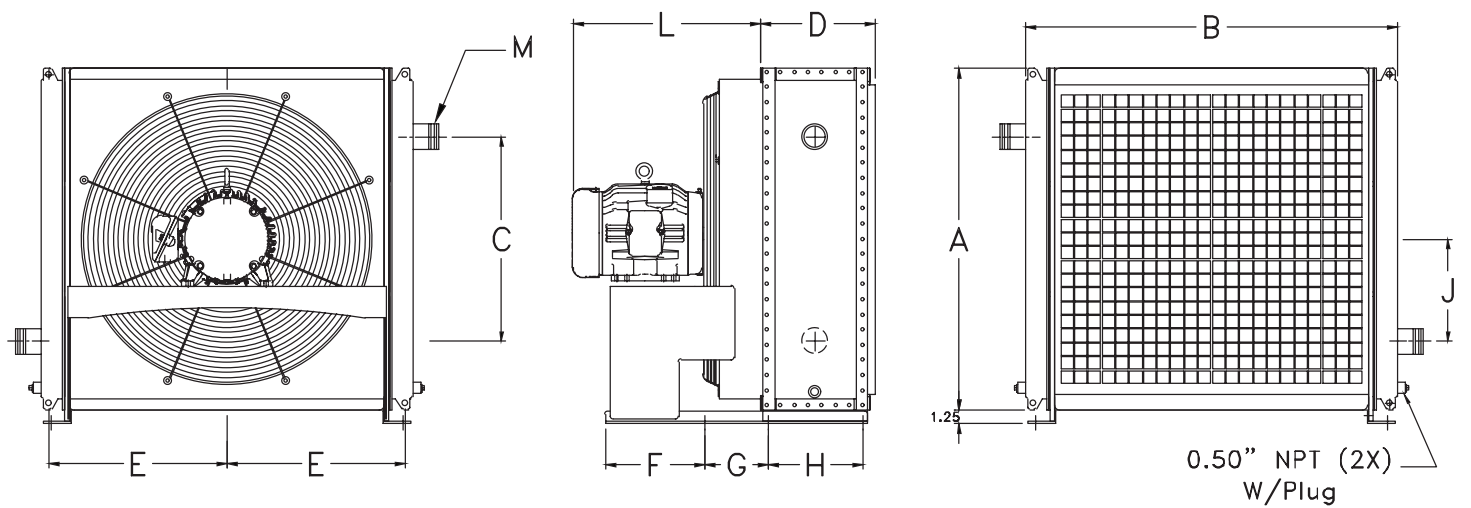
LIQUID COOLERS

- Severe duty construction with OSHA guard.
- Serviceable Core®.
- Thermal capacity to 1,400 hp (1,043 Kw).
- Operating temperature of 300°F at 300 PSI.
- Electric, hydraulic drive.
- Optional: built-in bypass valve.
- Can be customized to fit any applications.
- Computer generated data sheet available for any application
- Field changeable drive from electric to hydraulic.

ACL dimensions



ACL - TWO Pass



ACL - SINGLE / THREE PASS

DIMENSIONS (inches)												
Model	A	B	C	D	E	F	G	H	J	K	L	M NPT
ACL - 1220	22.63	25.42	13.25	10.95	11.75	9.50	4.00	9.00	6.00	23.50	17.30	1.50
ACL - 1225	27.63	30.42	17.00	10.95	14.25	9.50	6.00	9.00	9.75	28.50	17.97	1.50
ACL - 1230	33.63	35.42	19.50	10.95	16.75	9.50	6.00	9.00	9.75	33.50	17.94	1.50
ACL - 1235	37.63	40.42	22.00	10.95	19.25	9.50	6.00	9.00	9.75	38.50	18.50	2.00
ACL - 1240	42.63	45.42	24.50	10.95	21.75	9.50	6.00	9.00	9.75	43.50	18.50	2.00
ACL - 1245	47.63	50.42	27.00	10.95	24.25	9.50	6.00	9.00	9.75	48.50	18.50	2.00
ACL - 1250	52.63	55.42	29.50	10.95	26.75	9.50	6.00	9.00	9.75	53.50	18.50	2.00
ACL - 1255	57.63	60.42	32.00	10.95	29.25	9.50	6.00	9.00	9.75	58.50	18.50	2.00

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



ACL Notes:

- Notes: 1. The ACL Series are designed with heavy duty construction to remove an extreme amount of heat in a compact design for indoor and outdoor application
- 2. Servicable core, cover can be easily removed to have access to the tubes for service if required
- 3. Will provide a detailed drawing and motor data based on the required application
- 4. Units are available in a Single Pass, Two Pass or three pass based on the required application
- 5. They are available in male and female, code 61 four bolt flange and ansi flange
- 6. Can be built in ASME code and certified