Water Cooled Aftercooler | AB-1608-D6-O

COPPER TUBE CONSTRUCTION

Features

- Compressed Air and Gas Aftercoolers
- For Water to Air Cooler
- All Brass Hubs and Shell Assemblies: Reduce or Eliminate Galvanic and Other Types of Corrosion
- Copper Nickel Tubes Available for Sea Water Service



Ratings

Maximum Operating Pressure

Tubes 250 PSI

Shell 250 PSI

Maximum Operating Temperature $350^{\circ}\,\mathrm{F}$

Materials

Tubes Copper

Shell Brass

End Hubs Brass

End Bonnets Cast Iron

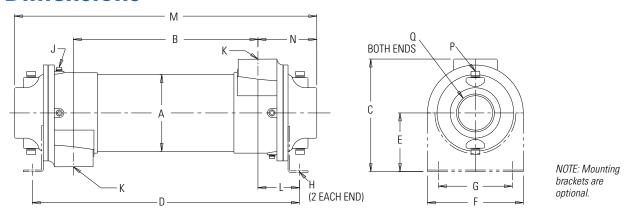
Baffles Brass

Mounting Brackets (optional) Steel

Gaskets Nitrile Rubber

Nameplate Aluminum Foil

Dimensions



	DIA								J	K				P	0	Weight
Model	Α	В	C	D*	E*	F*	G*	Н*	NPT	NPT	L	M	N	NPT	NPT	(lbs.)
AB-1608-D6-0	8.00	67.60	12.13	76.38	6.50	8.62	7.00	.44x 1.00		3.00	4.39	80.62	6.52		5.00	315

NOTE: We reserve the right to make reasonable design changes without notice. All dimensions in inches.

Capacity Selection

	2-Stage Recip	250°F Inlet Air	Rotary Screw 200°F Inlet Air				
	SCFM Capacity*			riangle P, PSI, at			
Model	in Tubes	Rated Capacity	in Tubes	Rated Capacity			
AB-1608-D6-0	2800	1.6	3170	2.0			

*Based on ambient air at 60°F, 14.7 psia, and 50% relative humidity. Compressed air cooled to within 15°F of inlet water temperature. Water flow rate 3 GPM per 100 SCFM air flow. For single stage compressor type, 300°F inlet, use 2-stage SCFM capacities with a 15% reduction.

Piping Diagrams

Thermal Transfer Aftercoolers can be mounted in either of the positions shown. Separators should be used as shown. Consult factory for separator recommendations.

