

Fixed Bundle Charge Air Cooler | Air AB Series

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° F

Materials

Tubes Copper

Shell Brass

End Hubs Brass

End Bonnets Cast Iron

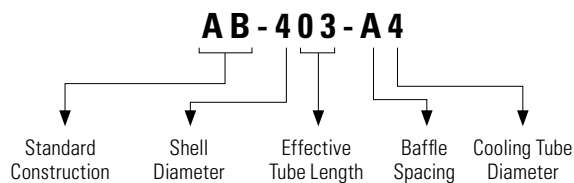
Baffles Brass

Mounting Brackets (optional) Steel

Gaskets Nitrile Rubber

Nameplate Aluminum Foil

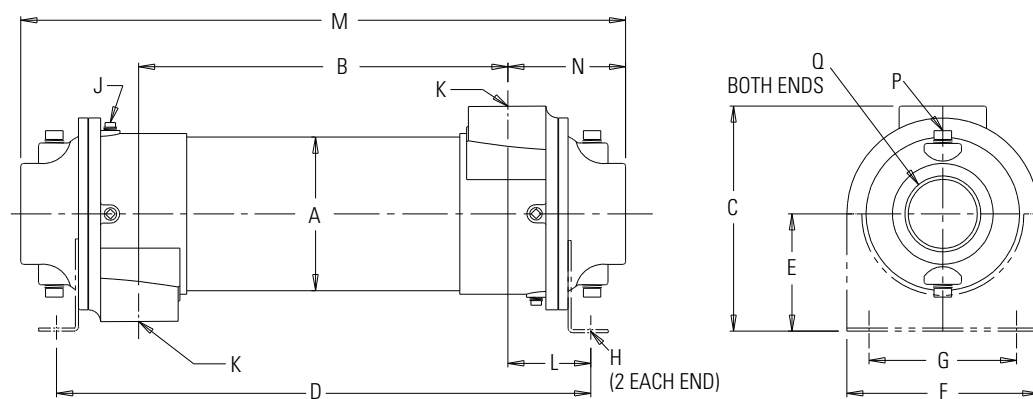
Unit Coding



How to Order

AB	-		-		-	
Model Series		Model Size Selected		Baffle Spacing		Tube Diameter Code
AB		403		A - 1.125		4 - 1/4"
		404		B - 2.25		6 - 3/8"
		405		C - 4.5		
		705		D - 9.0		
		1006				
		1206				
		1207				
		1606				
		1607				
		1608				

Dimensions



NOTE: Mounting brackets are optional.

Model	DIA A	B	C	D*	E*	F*	G*	H*	J NPT	K NPT	L	M	N	P NPT	Q NPT	Weight (lbs.)	
AB-403-A4-0	2.12	25.62	3.50	29.06	1.94	2.62	1.76	.41 Dia.	—	.50	1.72	33.36	3.87		1.50	13	
AB-404-A4-0		34.62		38.06								42.36				16	
AB-405-B4-0		43.62		47.06								51.36				18	
AB-705-B4-0	3.66	43.00	6.25	48.38	3.62	5.25	3.00	.44x 1.00	(2) .38	1.00	2.69	50.40	3.70		2.50	40	
AB-1006-B6-0	5.12	51.50	7.38	57.62	4.00	6.75	4.00	(6) .38	1.50	3.06	59.60	4.05	3.00		80		
AB-1206-C6-0	6.12	50.50	8.81	57.38	4.75	7.50	5.00		.44x .88	2.00	3.44	60.25			4.88	(4) .50	5.00
AB-1207-C6-0		59.60		66.38								69.25		150			
AB-1606-C6-0	8.00	49.60	12.13	58.38	6.50	8.62	7.00	.44x 1.00		3.00	4.39	62.62	6.52		5.00		
AB-1607-D6-0		58.60		67.38								71.62				270	
AB-1608-D6-0		67.60		76.38								80.62				315	

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