

AB SERIES



**SINGLE
PASS**

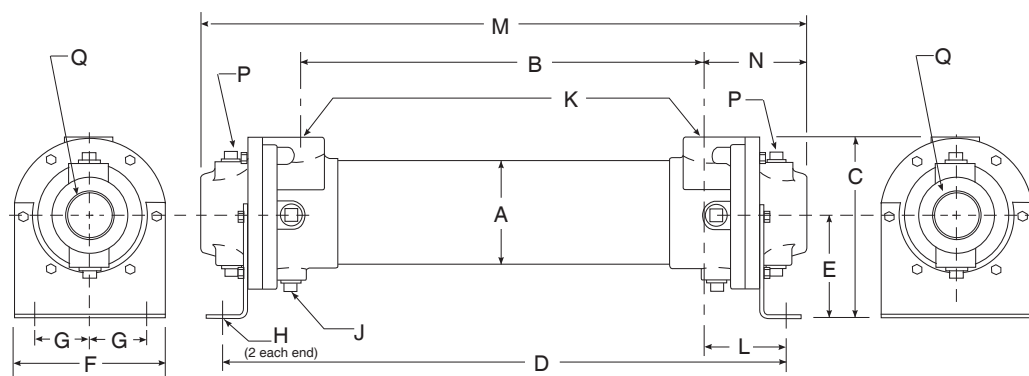
**TWO
PASS**

**FOUR
PASS**

Fixed Tube Bundle / Liquid Cooled

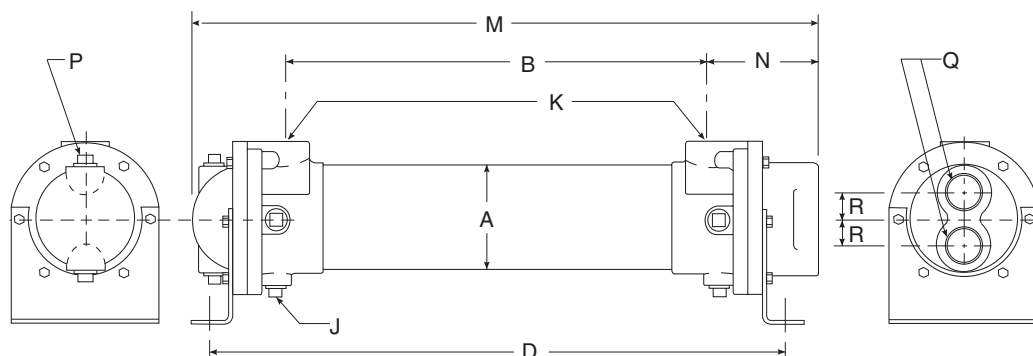
HEAT EXCHANGERS

- Computer generated data sheet available for any application
- Operating pressure for tubes 150 PSI.
- Operating pressure for shell 300 PSI.
- Operating temperature 300 °F.
- Can be customized to fit any applications.
- Cools: Fluid power systems, rock crushers, presses, shears, lubrication equipment for paper machinery, gear drives, marine transmissions, etc.



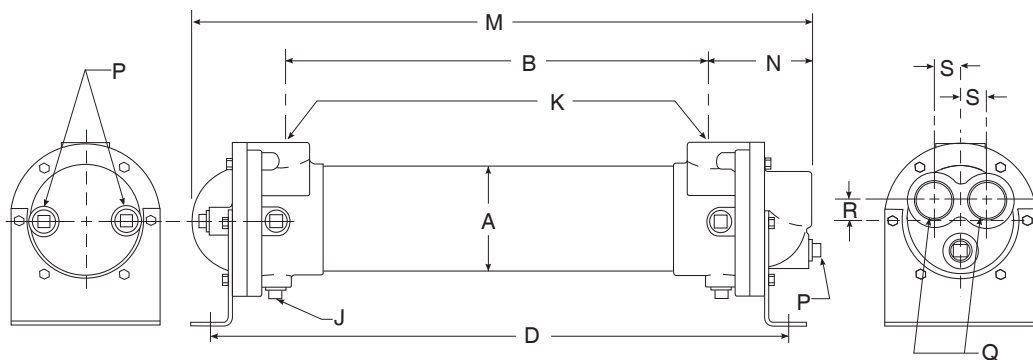
SINGLE PASS (SP)

Model	M	N	P NPT	Q NPT
AB-401	11.24	1.81	-	1.00
AB-402	20.24			
AB-701	13.47			
AB-702	22.47			
AB-703	31.47			
AB-704	40.47	3.24	(4) .38	1.50
AB-1002	23.60	4.05	(4) .38	2.00
AB-1003	32.60			
AB-1004	41.60			
AB-1202	24.38			
AB-1203	33.25	4.88	(4) .50	3.00
AB-1204	42.12			
AB-1205	51.12			
AB-1206	60.25			
AB-1207	69.25			
AB-1208	78.12			
AB-1209	87.12			
AB-1210	96.12			
AB-1602	26.62	6.52	(4) .50	4.00
AB-1603	35.62			
AB-1604	44.62			
AB-1605	53.62			
AB-1606	62.62			
AB-1607	71.62			
AB-1608	80.62			
AB-1609	89.62			
AB-1610	98.62			



TWO PASS (TP)

Model	M	N	P NPT	Q NPT	R
AB-701	13.28	3.30	(2)	1.00	.88
AB-702	22.28		.38		
AB-703	31.28				
AB-704	40.28				
AB-1002	23.29	3.80	(2)	1.50	1.19
AB-1003	32.29		.38		
AB-1004	41.29				
AB-1202	23.94				
AB-1203	32.81	4.56	(2) .50	2.00	1.44
AB-1204	41.69				
AB-1205	50.69				
AB-1206	59.81				
AB-1207	68.81				
AB-1208	77.69				
AB-1209	86.69				
AB-1210	95.69				
AB-1602	25.10	6.08	(2) .50	2.50	1.88
AB-1603	34.10				
AB-1604	43.10				
AB-1605	52.10				
AB-1606	61.10				
AB-1607	70.10				
AB-1608	79.10				
AB-1609	88.10				
AB-1610	97.10				

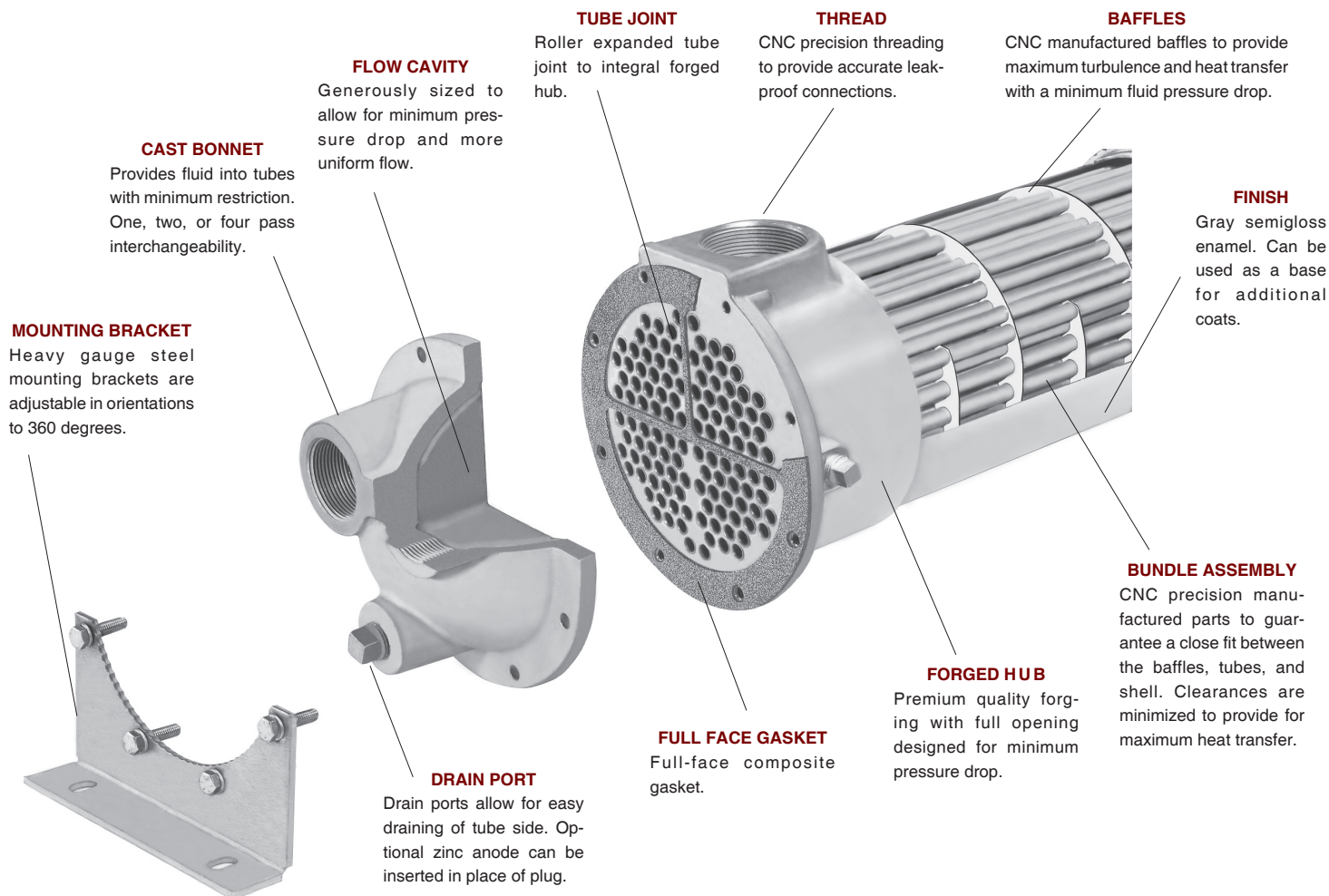


FOUR PASS (FP)

Model	M	N	P NPT	Q NPT	R	S
AB-701	13.42	3.24	(3)	.75	.62	.88
AB-702	22.42		.38			
AB-703	31.42					
AB-704	40.42					
AB-1002	23.55	4.06	(3)	1.00	.75	1.19
AB-1003	32.55		.38			
AB-1004	41.55					
AB-1202	24.44					
AB-1203	33.31	4.90	(3) .50	1.50	1.06	1.44
AB-1204	42.19					
AB-1205	51.19					
AB-1206	60.31					
AB-1207	69.31					
AB-1208	78.19					
AB-1209	87.19					
AB-1210	96.19					
AB-1602	26.72	6.48	(3) .50	2.00	1.38	1.88
AB-1603	35.72					
AB-1604	44.72					
AB-1605	53.72					
AB-1606	62.72					
AB-1607	71.72					
AB-1608	80.72					
AB-1609	89.72					
AB-1610	98.72					

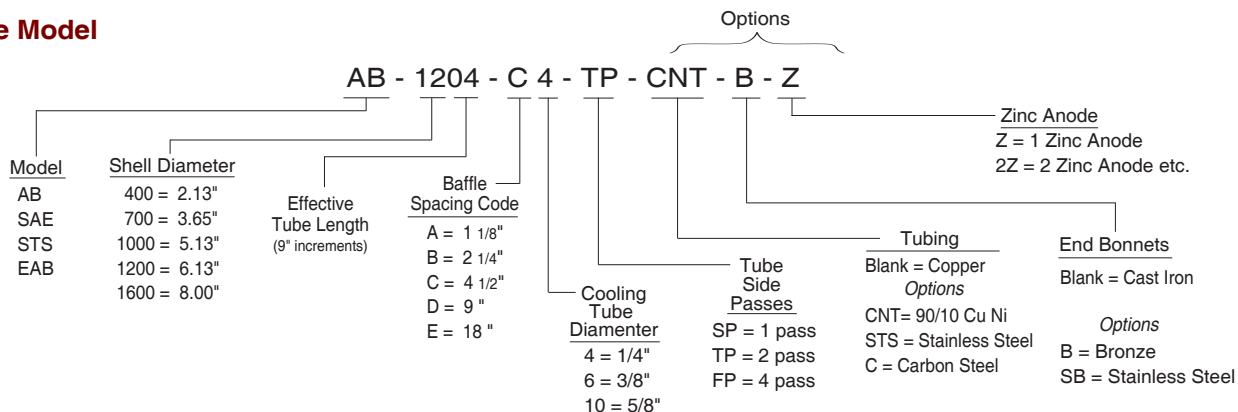
COMMON DIMENSIONS & WEIGHTS

Model	A	B	C	D	E	F	G	H	J NPT	K NPT	L	Approx. Weight	Model
AB-401	2.13	7.62	3.50	10.91	1.94	2.62	.88	.41φ	-	.50	1.72	7	AB-401
AB-402		16.62		20.91								10	AB-402
AB-701	3.66	7.00	6.25	12.38	3.62	5.25	1.50	.44φ x 1.00	(2) .38	1.00	2.69	23	AB-701
AB-702		16.00		21.38								29	AB-702
AB-703		25.00		30.38								33	AB-703
AB-704		34.00		39.38								49	AB-704
AB-1002	5.13	15.50	7.38	21.62	4.00	6.75	2.00	.44φ x 1.00	(6) .38	1.50	3.06	54	AB-1002
AB-1003		24.50		30.62								76	AB-1003
AB-1004		33.50		39.62								82	AB-1004
AB-1202		14.62		21.50								79	AB-1202
AB-1203	6.13	23.50	8.81	30.38	4.75	7.50	2.50	.44φ x 1.00	(6) .38	2.00	3.44	98	AB-1203
AB-1204		32.38		39.25								115	AB-1204
AB-1205		41.38		48.25								130	AB-1205
AB-1206		50.50		57.38								150	AB-1206
AB-1207		59.50		66.38								170	AB-1207
AB-1208		68.38		75.25								190	AB-1208
AB-1209		77.38		84.25								210	AB-1209
AB-1210		86.38		93.25								230	AB-1210
AB-1602		8.00		13.60								12.13	22.38
AB-1603	22.60		31.38	170	AB-1603								
AB-1604	31.60		40.38	200	AB-1604								
AB-1605	40.60		49.38	225	AB-1605								
AB-1606	49.60		58.38	250	AB-1606								
AB-1607	58.60		67.38	275	AB-1607								
AB-1608	67.60		76.38	315	AB-1608								
AB-1609	76.60		85.38	350	AB-1609								
AB-1610	85.60		94.38	390	AB-1610								



UNIT CODING

Example Model



STANDARD CONSTRUCTION MATERIALS & RATINGS

Standard Model	AB Series				Standard Unit Ratings
Shell	Brass				Operating Pressure
Tubes	Copper				Tubes.....150 psig
Baffle	Aluminum / Brass				
Integral End Hub	Forged Brass				Operating Pressure
End Bonnets	Cast Iron				Shell.....300 psig
Mounting Brackets	Steel				
Gasket	Hypalon Composite				Operating Temperature
Expansion Bellows	—				300 °F