API HEAT TRANSFER

Brazed Plate

Heat Exchangers

REFRIGERATION

BRAZED PLATE HEAT EXCHANGERS

TWO-PHASE DUAL CIRCUIT HEAT EXCHANGERS

Advanced heat exchanger designs ideal for all the common refrigerants including the new alternatives (R-32, R-1234yf, R-1234zez, R-290, R-448A, R-449A, R-454B, R-513a, and R-455A).

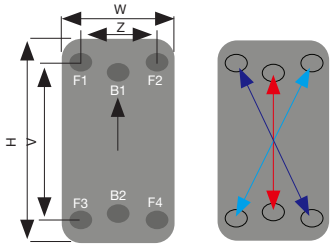
Typical Applications:
Evaporators for Process Chillers, Heat Pumps, Comfort Cooling, and Commercial HVAC. **Condensers** for Air-Cooled Chillers, and Industrial Processes. **Subcoolers** for Supermarket Refrigeration. **Economizers** to improve system efficiency, Dual Circuit for Refrigeration.

Optional Insulation Kits and Mounting Brackets.

MATERIALS OF CONSTRUCTION

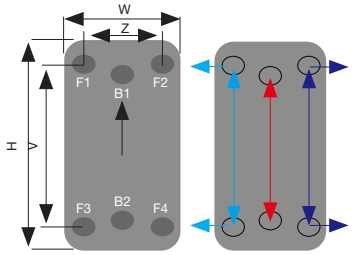
Plate Material:	316L Stainless
Brazing Material:	Copper
Connection Material:	304 Stainless Steel
	(NPT, FPT, BSP, SAE, Flanged or Grooved-Stainless-Steel)
UL Working Pressure Rating:	580 psi

DIAGONAL FLOW



110/210-API

PARALLEL FLOW



K215D/415D-API

Model	Height (H)	Width (W)	Vertical (V)	Horiz (Z)	Depth (L)	Max Plates	Surface Area	Max Flow	Max Conn
110*-API	19.29	9.84	15.41	6.45	0.433+.0910n	200	1.184	273 GPM	2-1/2”
210*-API	29.09	12.53	23.58	9.13	0.510+.1122n	300	2.26	462 GPM	3”
KK215D-API	20.83	9.72	17.68	6.57	0.512+.0940n	200	1.187	273 GPM	2-1/2”
KK415D-API	29.57	12.64	25.83	8.9	0.551+.0940n	300	2.232	462 GPM	3”

“n” = number of plates, Medium and Low Theta plates available in certain

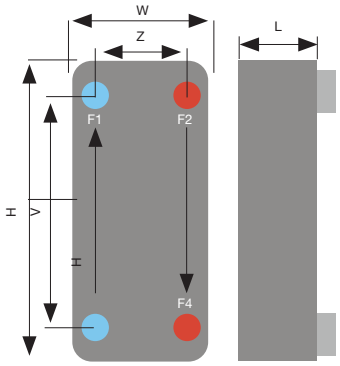
* **Diagonal Flow**

HYDRONICS

BRAZED PLATE HEAT EXCHANGERS

Heat exchangers specifically designed to maximize efficient performance in Hydronic based systems where high quality, efficiency and reliability are paramount to the process. Hydronic Brazed Plates are ideally suited for high- and low-pressure Steam applications and all Hydronic Fluid to Fluid heating and cooling applications.

Typical Applications:
Boilers – Commercial and Industrial, Hot Water Sets, Steam to Liquid Heating Systems, Commercial Snow Melt / Ice Prevention, Clean-inPlace (CIP) Systems, Autoclaves and Sterilizing Equipment, Commercial and Domestic Hot Water, Radiant Floor Heating Systems, Commercial On-Demand Hot Water Systems, Industrial Parts Washer and Degreasing Machiner, Food and Beverage Production, and many other Hydronic applications across various Industries.



MATERIALS OF CONSTRUCTION

Plate Material:	316L Stainless
Brazing Material:	Copper
Connection Material:	304 Stainless Steel
	(NPT, FPT, BSP, SAE, Flanged or Grooved-Stainless-Steel)
UL Working Pressure Rating:	450 psi

Model	Height (H)	Width (W)	Vertical (V)	Horiz (Z)	Depth (L)	Max Plates	Surface Area	Max Flow	Max Conn
012-API	7.56	2.87	6.06	1.57	0.354+.0906n	60	0.129	18 GPM	3/4"
013A-API	7.83	3.35	6.06	1.57	0.512+.0921n	60	0.140	18 GPM	3/4"
014-API	8.07	2.95	6.77	1.65	0.354+.0906n	60	0.151	18 GPM	3/4"
018-API	9.06	3.5	7.17	1.69	0.354+.0906n	60	0.194	26 GPM	1"
020A-API	6.61	4.8	4.72	2.87	0.417+.0906n	60	0.215	53 GPM	1-1/4"
022-API	12.52	2.95	10.94	1.65	0.354+.0906n	60	0.237	18 GPM	3/4"
028-API	12.24	4.37	9.84	1.97	0.354+.0906n	150	0.301	80 GPM	1"
030B-API	11.81	4.72	9.84	2.76	0.354+.0906n	150	0.323	53 GPM	1-1/4"
035A-API	12.13	4.92	9.84	2.76	0.276+.0945n	120	0.377	80 GPM	1-1/4"
052-API	20.75	4.37	18.35	1.97	0.354+.0945n	150	0.560	80 GPM	1-1/4"
060B-API	20.75	4.72	18.86	2.83	0.354+.0906n	120	0.646	53 GPM	1"
095-API	24.29	7.48	20.28	3.62	0.433+.0945n	250	1.023	155 GPM	2"
115A-API	21.06	9.96	16.93	6.85	0.591+.0945n	280	1.238	200 GPM	2-1/2"
120G-API	20.87	9.84	17.72	6.44	0.512+.0906n	250	1.292	177 GPM	2-1/2"
136-API	19.29	9.84	14.88	5.43	0.512+.1122n	250	1.464	309 GPM	3"
210-API	29.09	12.68	23.74	7.40	0.512+.1122n	250	2.260	463 GPM	4"
310-API	38.78	14.69	32.09	7.87	0.787+.1122n	300	3.337	661 GPM	5"

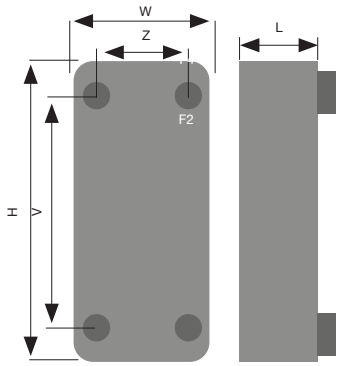
"n" = number of plates, Medium and Low Theta plates available in certain sizes

* Additional sizes availble.

DW SERIES

DOUBLE WALL BRAZED PLATE HEAT EXCHANGERS

For extra protection against cross-contamination and leaks, The double-wall vented series consists of double-stacked stainless-steel plates instead of one. The space between the plates is open to atmosphere allowing for visual inspection if a leak occurs. The DW 'failsafe' design meets the requirements of city plumbing codes that require double-wall protection for domestic and potable water.



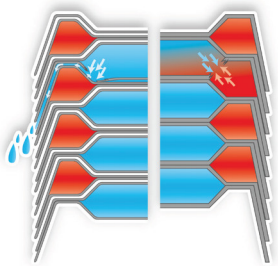
Brazing Material	Model DW		Max. Working Pressure (psi)	Max. Working Temperature (°F)
Copper	045	(F1,F3/ F2,F4)	up to 435.1/435.1	392°F
	014DW, 071, 032DW,052DW, 095DW		up to 652.7/652.7	

	DIMENSIONS IN INCHES								
Model	Height (H)	Weight (W)	Vertical (V)	Horiz (Z)	Depth (L)	Max Plates	Surface Area	Max Flow	Max Conn
014DW-API	7.8	3.46	6.14	1.81	0.276 + 0.0925n	60	0.151	18 GPM	3/4"
KD045-API	14.25	3.23	12.6	1.57	0.374 + 0.0770n	60	0.258	18 GPM	3/4"
KD071-API	12.05	4.96	9.84	2.76	0.445 + 0.1020n	100	0.323	80 GPM	1"
032DW-API	11.34	4.65	9.57	2.83	0.394 + 0.0953n	120	0.344	80 GPM	1-1/4"
052DW-API	20.63	4.25	18.35	1.97	0.787 + 0.0984n	120	0.56	80 GPM	1-1/4"
095DW-API	24.25	7.52	20.43	3.62	0.591 + 0.1102n	200	1.023	150 GPM	2"

"n" = number of plates

How It Works

The double-wall design consists of double-stacked stainless-steel plates instead of one. The space between the plates is open to atmosphere allowing for visual inspection if a leak occurs.

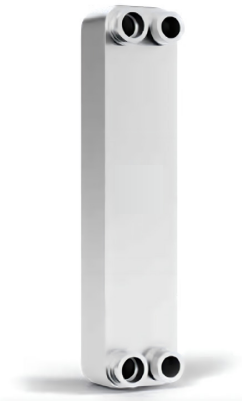


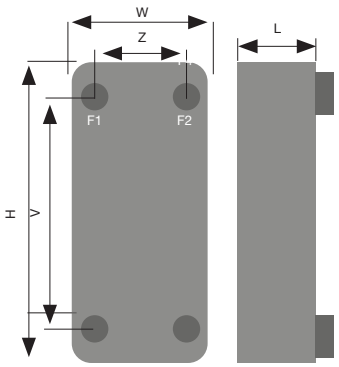
KB SERIES

ASYMMETRIC BRAZED PLATE HEAT EXCHANGERS

The new KB Series delivers an effective operating range up to 100kW for heat pumps, heating, cooling and refrigeration systems with efficiency and reliability benefits.

The asymmetric design effectively reduces water-side pressure drop while maximizing system performance, energy efficiency and reliability. The unique plate design features oversized water chaannels to effectively, lower pressure drop by 25% while increasing flow rate by 19%, requires only 44% of the refrigerant charge as standard plate designs and weighs approximately 48% less.



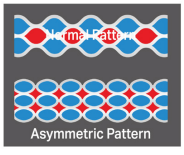


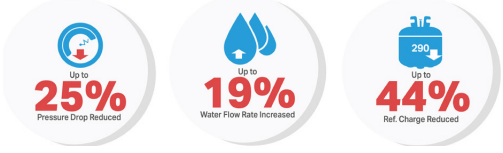
Brazing Material	Model KB		Max. Working Pressure (psi)	Max. Working Temperature (°F)
Copper	050,075,110	(F1,F3/ F2,F4)	464.1/363	392°F
	051, 076, 081, 111		652.7/435.1	

Model	DIMENSIONS IN INCHES					Weight*(kg) (Without Connections)	Volume/ Channel (gal)	Total Volume (gal)
	Height (H)	Weight (W)	Vertical (V)	Horiz (Z)	Depth (L)			
KB050-API	12.17	4.29	9.84	1.97	0.413+0.071*N	2.646+0.020*N	(F1-F3):0.008 (F2-F4):0.012	(N-1)*0.008 (N-1)*0.012
KB075-API	12.99	4.69	10.98	2.68	0.370+0.059*N	3.352+0.245*N	(F1-F3):0.010 (F2-F4):0.012	(N-1)*0.010 (N-1)*0.012
KB110-API	20.83	4.8	18.5	2.48	0.413+0.073*N	5.005+0.375*N	(F1-F3):0.018 (F2-F4):0.026	(N-1)*0.018 (N-1)*0.026

Model	DIMENSIONS IN INCHES					Weight*(kg) (Without Connections)	Volume/ Channel (gal)	Total Volume (gal)
	Height (H)	Weight (W)	Vertical (V)	Horiz (Z)	Depth (L)			
KB051-API	12.17	4.29	9.84	1.97	0.492+0.071*N	4.719+0.020*N	(F1-F3):0.008 (F2-F4):0.012	(N-1)*0.008 (N-1)*0.012
KB076-API	12.99	4.69	10.98	2.68	0.370+0.059*N	3.352+0.245*N	(F1-F3):0.010 (F2-F4):0.012	(N-1)*0.010 (N-1)*0.012
KB081-API	14.84	4.72	12.95	2.83	0.370+0.067*N	3.704+0.273*N	(F1-F3):0.013 (F2-F4):0.016	(N-1)*0.013 (N-1)*0.016
KB111-API	20.83	4.8	18.5	2.48	0.492+0.073*N	9.107+0.375*N	(F1-F3):0.018 (F2-F4):0.016	(N-1)*0.018 (N-1)*0.026

* N = number of plates

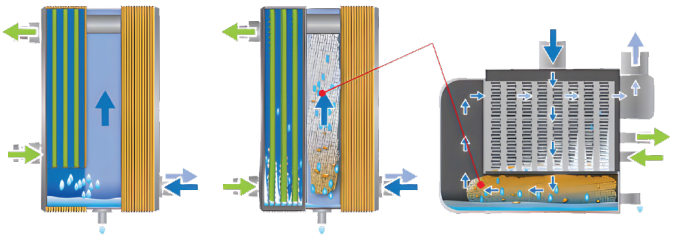


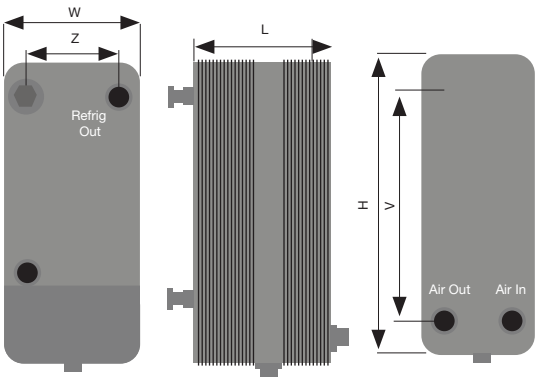


KA SERIES

AIR DRYER BRAZED PLATE HEAT EXCHANGERS

KA series is an innovative patented 3-in-1 design for refrigerated air dryers combining the Precooler, Evaporator and Separator. This series provides compact size and high thermal transfer performance. The integrated separator design can fully dehumidify compressed air and eliminate the need for a mesh/demister.





Brazing Material	Model KA		Max. Working Pressure (psi)	Max. Working Temperature (°F)
Copper	030, 070, 140	(A2,B1/ C2,D2)	Up to 653/232.1	392°F
	210, 300		Up to 653/145.0	

Model	DIMENSIONS IN INCHES					Weight (lb)	Air Connection (inch)	Air Flow Rate @101.5psi		
	Height (H)	Weight (W)	Vertical (V)	Horiz (Z)	Depth (L)			Nm3/min	Nm3/hr	sCFM
KA030-14-8-API	7.56	3.07	6.06	1.57	3.82	6.48	3/4"	0.58	34.8	20.57
KA030-20-10-API	7.56	3.07	6.06	1.57	4.49	7.21	3/4"	0.83	49.8	29.43
KA030-22-12-API	7.56	3.07	6.06	1.57	4.80	7.58	3/4"	1.00	60.0	35.46
KA030-24-16-API	7.56	3.07	6.06	1.57	5.31	10.08	3/4"	1.33	79.8	47.16
KA030-40-24-API	7.56	3.07	6.06	1.57	7.28	10.43	3/4"	1.67	100.2	59.22
KA070-20-26-API	11.97	4.88	9.84	2.76	6.23	24.69	1"	2.40	144.0	85.11
KA070-32-40-API	11.97	4.88	9.84	2.76	9.16	32.85	1-1/4"	4.20	252.0	148.94
KA070-46-66-API	11.97	4.88	9.84	2.76	14.04	46.96	1-1/2"	7.00	420.0	248.23
KA140-24-36-API	17.36	8.11	14.17	4.92	8.97	67.68	2"	11.00	660.0	390.07
KA140-32-44-API	17.36	8.11	14.17	4.92	11.21	79.81	2"	14.00	840.0	496.45
KA210-40-50-API	20.75	9.65	16.93	5.83	15.53	171.08	2-1/2"	22.00	1320.0	780.14
KA210-50-64-API	20.75	9.65	16.93	5.83	19.72	211.42	3"	28.00	1680.0	992.91
KA300-41-46-API	25.63	12.64	20.47	7.48	18.58	305.17	4"	35.00	2100.0	1235.5
KA300-47-54-API	25.63	12.64	20.47	7.48	19.88	325.02	4"	40.00	2400.0	1412.0
KA300-55-60-API	25.63	12.64	20.47	7.48	21.18	343.98	4"	45.00	2700.0	1588.5
KA300-61-70-API	25.63	12.64	20.47	7.48	22.68	366.91	4"	50.00	3000.0	1765.5

E.g. KA030-14-8-API, 14 is the number of plates of the evaporator on air-refrigerant side, 8 is the number of plates of the precooler on air-air side.

* The flow direction might be changed according to different models, please refer to the drawing and user manual for detail.

* This table only lists the standard KA series products. If there is a specific requirement, please contact API.

N & TS SERIES

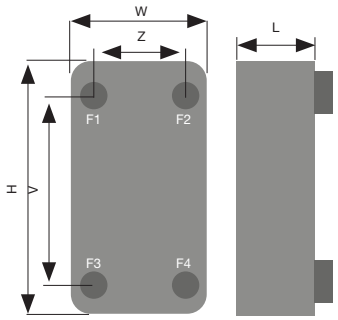
NICKEL & ALL-STAINLESS-STEEL BRAZED PLATE HEAT EXCHANGERS

NICKEL

The N series are copper-free heat exchangers brazed with a custom nickel alloy. It is available with 316L SS plates or with a higher grade of stainless called XCR for harsh environments. The N Series should be applied for ammonia, de-ionized water, or with any fluid not compatible to copper. Performance characteristics match those of G copper brazed models. The N series has a working pressure rating of 150 psi.

ALL-STAINLESS-STEEL

The TS series is manufactured using 100% stainless steel. It is available with 316L SS plates and a proprietary stainless-steel alloy allowing for higher working pressures. Performance characteristics match those of copper brazed models. The TS series has a working pressure rating of 435 psi – 653 psi.



NICKEL

Model	Height (H)	Width (W)	Vertical (V)	Horiz (Z)	Depth (L)	Max Plates	Surface Area	Max Flow	Max Connection
N014C-API	8.19	2.87	6.77	1..57	0.276 + 0.0882n	60	0.151	18 GPM	3/4"
N023A-API	12.4	2.87	10.94	1.57	0.276 + 0.0882n	60	0.248	18 GPM	3/4"
N027A-API	11.26	4.57	9.21	2.48	0.276 + 0.0495n	120	0.291	80 GPM	1"
N032AH*-API	11.26	4.57	9.57	2.83	0.276 + 0.0945n	120	0.344	80 GPM	1-1/4"
N035A-API	12.13	4.92	9.84	2.76	0.276 + 0.0945n	120	0.377	80 GPM	1-1/4"
N052A-API	20.59	4.21	18.35	1.97	0.591 + 0.0945n	120	0.56	80 GPM	1-1/4"
N095A-API	24.25	7.52	20.43	3.62	0.276 + 0.0945n	120	1.023	155 GPM	2"
N105A-API	21.06	9.96	16.93	5.83	0.591 + 0.0984n	120	1.13	200 GPM	3"
N115A-API	21.06	9.96	17.95	6.85	0.591 + 0.0945n	120	1.238	200 GPM	2-1/2"

* Note: The N032AH-API has a working pressure rating of 435 psi.
N = number of plates

ALL-STAINLESS-STEEL

Model	Height (H)	Width (W)	Vertical (V)	Horiz (Z)	Depth (L)	Max Plates	Surface Area	Max Flow	Max Connection
TS2-API	9.33	3.54	7.4	2.76	0.510 + 0.0930n	50	0.193	18 GPM	1"
TS22-API	12.91	3.54	10.94	1.61	0.510 + 0.0930n	50	0.274	18 GPM	1"
TS24-API	18.03	3.54	16.06	1.61	0.510 + 0.0930n	50	0.366	18 GPM	1"
TS4-API	6.81	4.92	4.72	2.76	0.510 + 0.0930n	50	0.193	80 GPM	1-1/4"
TS42-API	13.15	4.92	10.94	2.76	0.510 + 0.0930n	100	0.377	80 GPM	1-1/4"
TS43-API	20.94	4.92	18.7	2.76	0.510 + 0.0930n	100	0.634	80 GPM	1-1/4"
TS6-API	20.94	10.67	17.48	7.24	0.530 + 0.0930n	150	1.453	200 GPM	2-1/2"
TS61-API	20.94	10.67	17.28	7.05	0.530 + 0.0930n	150	1.4	250 GPM	3"
TS62-API	31.5	10.67	27.17	6.34	0.530 + 0.0930n	150	2.15	300 GPM	3"

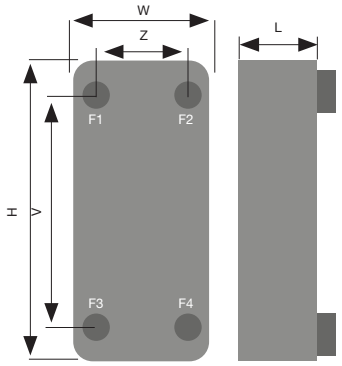
* N = number of plates

KC SERIES

CO_2 SUPER HIGH PRESSURE BRAZED PLATE HEAT EXCHANGERS

The KC series is a patented solution specially designed for Gas coolers, Condensers, Evaporators and Economizers in R744 (CO_2) Heat pumps and Refrigeration Systems. With design pressures available from 1,015 psi up to 2,030 psi, the KC series is ideal for Supercritical, Transcritical and Subcritical CO_2 heating and cooling systems.

The KC series combines high working pressures, outstanding heat transfer performance and low pressure drops in a compact size, suitable for Commercial OEM's limited space requirements.



Brazing Material	Model KC		Max. Working Pressure (psi)	Min. Test Pressure (psi)	Max. Working Temperature (°F)
Copper	020,040 095,200	(F1,F3/ F2,F4)	1015.3/435.1*	1450.4/623.7*	392°F
	021,041 096,201		1450.4/435.1*	2074.0/623.7*	
	022,042 097,202		2030.5/435.1*	2900.8/623.7*	

*For higher working pressure request on F2,F4, please contact API.

Model	DIMENSIONS IN INCHES Height (H)	Width (W)	Vertical (V)	Horiz (Z)	Depth (L)	Weight*(kg) (Without Connections)	Heat Transfer Area/ Plate (ft2)	Total Heat Transfer Area (ft2)	Volume/ Channel (gal)	Total Volume (gal)
KC020-API	7.52	3.03	6.06	1.57	0.374+0.043*N	2.469+0.093*N	0.119	(N-2)*0.119	0.002	(N-1)*0.002
KC040-API	12.36	2.99	10.83	1.57	0.512+0.079*N	3.836+0.320*N	0.208	(N-2)*0.208	0.008	(N-1)*0.008
KC095-API	20.63	4.25	18.35	1.97	0.520+0.085*N	12.170+0.705*N	0.511	(N-2)*0.511	0.019	(N-1)*0.019
KC200-API	24.25	7.44	20.43	3.62	0.551+0.085*N	27.315+1.329*N	1.023	(N-2)*1.023	0.041	(N-1)*0.041

Model	DIMENSIONS IN INCHES Height (H)	Width (W)	Vertical (V)	Horiz (Z)	Depth (L)	Weight*(kg) (Without Connections)	Heat Transfer Area/ Plate (ft2)	Total Heat Transfer Area (ft2)	Volume/ Channel (gal)	Total Volume (gal)
KC021-API	7.52	3.03	6.06	1.57	0.374+0.043*N	2.513+0.093*N	0.119	(N-2)*0.119	0.002	(N-1)*0.002
KC041-API	12.36	2.99	10.83	1.57	0.512+0.079*N	4.034+0.320*N	0.208	(N-2)*0.208	0.008	(N-1)*0.008
KC096-API	20.63	4.25	18.35	1.97	0.520+0.085*N	12.522+0.705*N	0.511	(N-2)*0.511	0.019	(N-1)*0.019
KC201-API	24.25	7.44	20.43	3.62	0.551+0.085*N	27.690+1.391*N	1.023	(N-2)*1.023	0.041	(N-1)*0.041

Model	DIMENSIONS IN INCHES Height (H)	Width (W)	Vertical (V)	Horiz (Z)	Depth (L)	Weight*(kg) (Without Connections)	Heat Transfer Area/ Plate (ft2)	Total Heat Transfer Area (ft2)	Volume/ Channel (gal)	Total Volume (gal)
KC022-API	7.52	3.03	6.06	1.57	0.374+0.043*N	2.482+0.093*N	0.119	(N-2)*0.119	0.002	(N-1)*0.002
KC042-API	12.36	2.99	10.83	1.57	0.512+0.079*N	3.858+0.335*N	0.208	(N-2)*0.208	0.008	(N-1)*0.008
KC097-API	20.63	4.25	18.35	1.97	0.520+0.085*N	13.007+0.763*N	0.511	(N-2)*0.511	0.019	(N-1)*0.019
KC202-API	24.25	7.44	20.43	3.62	0.551+0.085*N	27.359+1.664*N	1.023	(N-2)*1.023	0.041	(N-1)*0.041

* N = number of plates

KC SERIES

CO_2 SUPER HIGH PRESSURE BRAZED PLATE HEAT EXCHANGERS

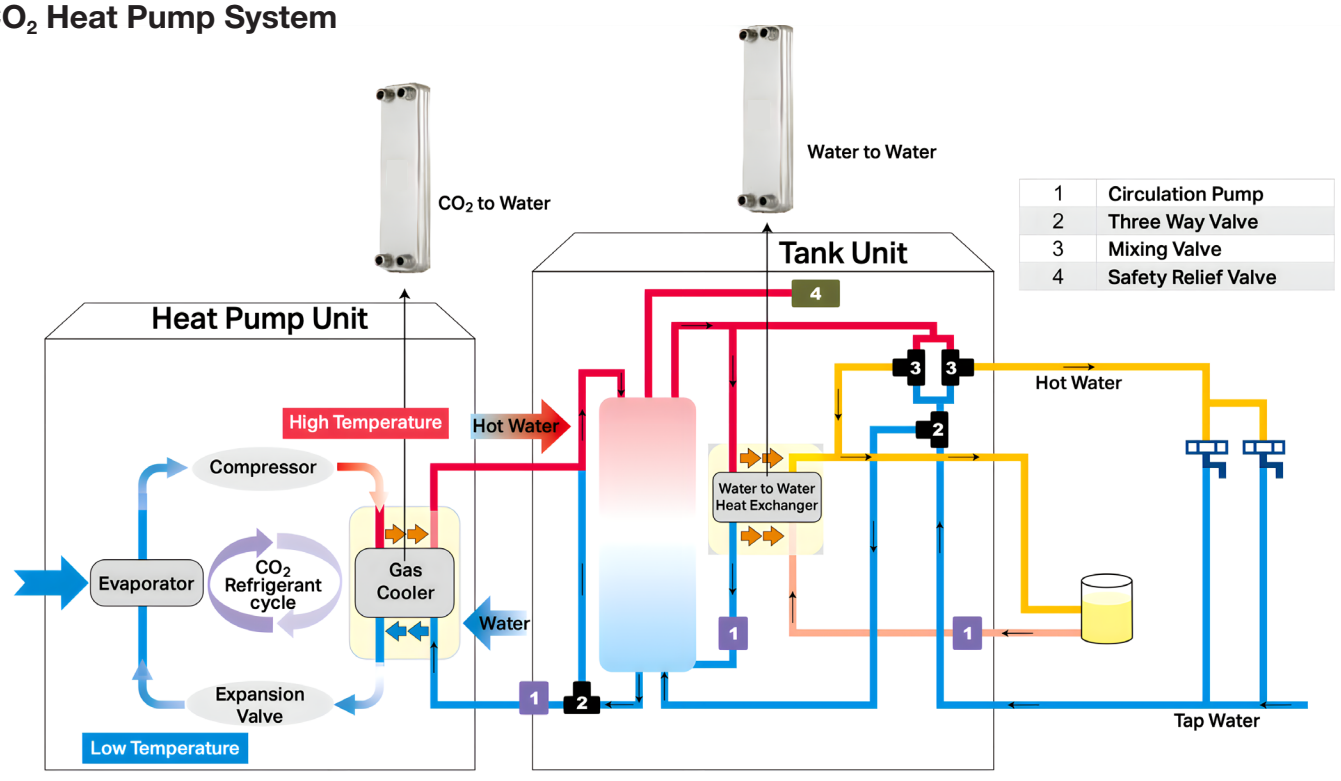
Model Selection Chart

R744 vs. Water Gas Cooler (Max. Working Pressure : 2030.5 psi)

RT	kW	BTU/H	KC 020/021/022	KC 040/041/042	KC 095/096/097	KC 200/201/202
1	3.52	12000	KC 022x36 (4 Pass)	KC 042x24 (4 Pass)		
1.5	5.27	18000	KC 022x44 (4 Pass)	KC 042x32 (4 Pass)		
2	7.03	24000	KC 022x52 (4 Pass)	KC 042x40 (4 Pass)	KC 097x24 (4 Pass)	
3	10.55	36000			KC 097x24 (4 Pass)	
4	14.06	48000			KC 097x32 (4 Pass)	
5	17.58	60000			KC 097x40 (4 Pass)	KC 0202x24 (3 Pass)
7.5	26.37	90000			KC 097x48 (4 Pass)	KC 0202x30 (3 Pass)
10	35.16	120000			KC 097x64 (4 Pass)	KC 0202x36 (3 Pass)
12.5	43.95	150000			KC 097x72 (4 Pass)	KC 0202x48 (3 Pass)
15	52.74	180000			KC 097x88 (4 Pass)	KC 0202x54 (3 Pass)
20	70.32	240000				KC 0202x66 (3 Pass)
25	87.90	300000				KC 0202x84 (3 Pass)
30	105.48	360000				KC 0202x102 (3 Pass)
35	123.06	420000				KC 0202x114 (3 Pass)
40	140.64	480000				KC 0202x132 (3 Pass)

The above information is for reference only; the data will be different under various working conditions and specifications.

CO_2 Heat Pump System



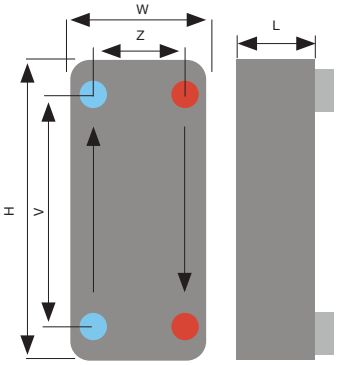
OIL COOLERS

BRAZED PLATE HEAT EXCHANGERS

API Heat Transfer's oil coolers are engineered to perform reliably across a wide range of conditions, with a full series designed to meet demanding thermal and mechanical requirements. Our portfolio includes solutions tailored for various fluids, operating environments, and duty levels, ensuring you can select the most optimized configuration for your specific oil-cooling applications.

These units are standard fitted with SAE and NPT connections. Multiple connection types and sizes are available to fit any application. Consult factory for specific connection types.

Typical Applications: Hydraulic Power Units, Conveyor Systems, Large Engine Dynometers, Hydraulic Press Cylinder Oil, Industrial Furnace Cooling, Transformer Oil, Hydraulic Lifts and Elevators, Feed-Throats and Auggers, and many other oil cooling applications across all industries.



MATERIALS OF CONSTRUCTION

UL Working Pressure Rating: 450 psi

Plate Material: 316L Stainless

Brazing Material: Copper

Connection Material: 304 Stainless Steel

(SAE, NPT, FPT, BSP, Flanged or Grooved-Stainless-Steel)

Model	Height (H)	Width (W)	Vertical (V)	Horiz (Z)	Depth (L)	Max Plates	Surface Area	Max Flow	Max Conn
012-API	7.56	2.87	6.06	1.57	0.354+.0906n	60	0.129	18 GPM	3/4"
013A-API	7.83	3.35	6.06	1.57	0.512+.0921n	60	0.140	18 GPM	3/4"
014-API	8.07	2.95	6.77	1.65	0.354+.0906n	60	0.151	18 GPM	3/4"
018-API	9.06	3.5	7.17	1.69	0.354+.0906n	60	0.194	26 GPM	1"
020A-API	6.61	4.8	4.72	2.87	0.417+.0906n	60	0.215	53 GPM	1-1/4"
022-API	12.52	2.95	10.94	1.65	0.354+.0906n	60	0.237	18 GPM	3/4"
028-API	12.24	4.37	9.84	1.97	0.354+.0906n	150	0.301	80 GPM	1"
030B-API	11.81	4.72	9.84	2.76	0.354+.0906n	150	0.323	53 GPM	1-1/4"
035A-API	12.13	4.92	9.84	2.76	0.276+.0945n	120	0.377	80 GPM	1-1/4"
052-API	20.75	4.37	18.35	1.97	0.354+.0945n	150	0.560	80 GPM	1-1/4"
060B-API	20.75	4.72	18.86	2.83	0.354+.0906n	120	0.646	53 GPM	1"
095-API	24.29	7.48	20.28	3.62	0.433+.0945n	250	1.023	155 GPM	2"
115A-API	21.06	9.96	16.93	6.85	0.591+.0945n	280	1.238	200 GPM	2-1/2"
120G-API	20.87	9.84	17.72	6.44	0.512+.0906n	250	1.292	177 GPM	2-1/2"
136-API	19.29	9.84	14.88	5.43	0.512+.1122n	250	1.464	309 GPM	3"
210-API	29.09	12.68	23.74	7.40	0.512+.1122n	250	2.260	463 GPM	4"
310-API	38.78	14.69	32.09	7.87	0.787+.1122n	300	3.337	661 GPM	5"

* "n" = number of plates, Medium and Low Theta plates available in certain sizes
* Additional sizes availble.

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USA

Buffalo Facility
2777 Walden Avenue
Buffalo, NY 14225, USA
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Iron Ridge Facility
1025 Industrial Road
Iron Ridge, WI 53035, USA
+1.920.387.4200

Franklin Facility
4700 Ironwood Drive
Franklin, WI 53132, USA
+1.414.761.4500

Racine Facility
5215 21st Street
Racine, WI 53406, USA
+1.262.554.8330

GERMANY

Bretten Facility
Langenmorgen 4
75015 Bretten, Germany
+49.7252.53.0

CHINA

Suzhou Facilities
Building 1
156 Qingqiu Street, 3rd District
Suzhou Industrial Park
Suzhou, Jiangsu 215126, China
+86.512.8816.8000

Building 2
126 Qingqiu Street, 3rd District
Suzhou Industrial Park
Suzhou, Jiangsu 215126, China
+86.512.8816.8000

Shanghai
Meiheng Building
369 Wuzhong Road
Minhang District
Shanghai 201103, China
+86. 21.5426.2525