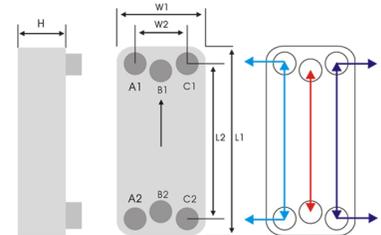
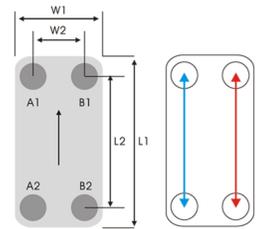


KR Series - Standard Brazed Plate Heat Exchanger

The KR series features the most complete range in sizes and is widely used in various applications.

(Note: KR-***S: 45 bar, K215: Dual Circuit- 6 connections)

Main applications: HVAC, heat pump, chiller, oil cooler, processing cooling and heating.



KR-215: Dual Circuit- 6 Connections

Brazing Material	Copper	Copper (Extra Strength)	Nickel
	(A1, A2/B1, B2)		
Max. Working Pressure (bar)	30/30		10/10
Min. Test Pressure (bar)	43/43	65/43	15/15
Max. Working Temperature (°C)		200 °C	

Model	L1 (mm)	L2 (mm)	W1 (mm)	W2 (mm)	H Thickness (mm)	Weight (kg)	Heat Transfer Area / Plate (m ²)	Total Heat Transfer Area (m ²)	Volume / Channel (liter)	Total Volume (liter)
KR-025	205	172	73	42	6.70+2.27*N	0.73+0.040*N	0.012	(N-2)*0.0120	0.025	(N-1)*0.025
KR-030	194	154	80	40	9.00+2.20*N	0.67+0.047*N	0.0117	(N-2)*0.0117	0.025	(N-1)*0.025
KR-040	311	278	73	40	9.00+2.30*N	0.95+0.070*N	0.0195	(N-2)*0.0195	0.04	(N-1)*0.040
KR-050	306	250	106	50	10.0 +2.38*N	1.48+0.116*N	0.0255	(N-2)*0.0255	0.055	(N-1)*0.055
KR-060	466	432	74	40	10.0+2.30*N	1.39+0.100*N	0.0302	(N-2)*0.0302	0.064	(N-1)*0.064
KR-070	304	250	124	70	10.0+2.38*N	1.65+0.134*N	0.03	(N-2)*0.0300	0.065	(N-1)*0.065
KR-095	522	466	106	50	11.0+2.38*N	3.09+0.204*N	0.0475	(N-2)*0.0475	0.095	(N-1)*0.095
KR-105	504	444	124	64	11.0+2.38*N	3.80+0.230*N	0.0533	(N-2)*0.0533	0.107	(N-1)*0.107
KR-200	613	519	186	92	14.0+2.40*N	8.04+0.404*N	0.0945	(N-2)*0.0945	0.206	(N-1)*0.206
KR-205	528	456	246	174	14.0+2.40*N	8.01+0.480*N	0.1099	(N-2)*0.1099	0.232	(N-1)*0.232
KR-210	527	430	245	148	11.5+2.85*N	7.33+0.465*N	0.1036	(N-2)*0.1036	0.289	(N-1)*0.289
KR-215	529	449	247	167	13.0+2.40*N	8.31+0.473*N	0.1103	(N-2)*0.1103	0.22	(N-1)*0.220
KR-025S	205	172	73	42	7.30+2.27*N	0.79+0.040*N	0.0120	(N-2)*0.0120	0.025	(N-1)*0.025
KR-030S	194	154	80	40	11.0+2.20*N	1.13+0.047*N	0.0117	(N-2)*0.0117	0.025	(N-1)*0.025
KR-040S	311	278	73	40	9.00+2.30*N	0.80+0.070*N	0.0195	(N-2)*0.0195	0.040	(N-1)*0.040
KR-050S	306	250	106	50	12.0+2.38*N	2.39+0.116*N	0.0255	(N-2)*0.0255	0.055	(N-1)*0.055
KR-060S	466	432	74	40	10.0+2.30*N	1.27+0.100*N	0.0302	(N-2)*0.0302	0.064	(N-1)*0.064
KR-070S	304	250	124	70	12.0+2.38*N	2.78+0.134*N	0.0300	(N-2)*0.0300	0.065	(N-1)*0.065
KR-095S	522	466	106	50	13.0+2.38*N	5.74+0.204*N	0.0475	(N-2)*0.0475	0.095	(N-1)*0.095
KR-105S	504	444	124	64	13.0+2.38*N	6.32+0.237*N	0.0533	(N-2)*0.0533	0.107	(N-1)*0.107
KR-200S	613	519	186	92	17.0+2.40*N	13.03+0.404*N	0.0945	(N-2)*0.0945	0.206	(N-1)*0.206
KR-205S	528	456	246	174	16.5+2.40*N	14.25+0.480*N	0.1099	(N-2)*0.1099	0.232	(N-1)*0.232
KR-215S	529	449	247	167	16.0+2.40*N	13.80+0.567*N	0.1103	(N-2)*0.1103	0.220	(N-1)*0.220

N: Number of plates



KR Series - Model Selection Chart

R410A vs. Water Condenser

Based on ARI -450 Standard

RT	kW	BTU/H	KR-025S	KR-030S	KR-040S	KR-050S	KR-060S	KR-070S
0.2	0.70	2400	K5-025Sx8	KR-030Sx8				
0.5	1.76	6000	K5-025Sx16	KR-030Sx16	KR-040Sx10			
1.0	3.52	12000	K5-025Sx28	KR-030Sx28	KR-040Sx16	KR-050Sx12	KR-060Sx10	KR-070Sx12
1.5	5.27	18000			KR-040Sx20	KR-050Sx16	KR-060Sx14	KR-070Sx16
2.0	7.03	24000			KR-040Sx24	KR-050Sx20	KR-060Sx18	KR-070Sx20
2.5	8.79	30000				KR-050Sx26	KR-060Sx22	KR-070Sx26
3.0	10.55	36000				KR-050Sx32	KR-060Sx28	KR-070Sx32
4.0	14.06	58000				KR-050Sx42	KR-060Sx38	KR-070Sx42
5.0	17.58	60000				KR-050Sx52	KR-060Sx46	KR-070Sx52

R410A vs. Water Condenser

Based on ARI -450 Standard

RT	kW	BTU/H	KR-095S	KR-105S	KR-200S	KR-205S	KR-215S
2.0	7.03	24000	KR-095Sx10	KR-105Sx10			
2.5	8.79	30000	KR-095Sx12	KR-105Sx12			
3.0	10.55	36000	KR-095Sx14	KR-105Sx14			
4.0	14.06	48000	KR-095Sx20	KR-105Sx20			
5.0	17.58	60000	KR-095Sx24	KR-105Sx24	K200Sx12	K205Sx12	
7.5	26.37	90000	KR-095Sx36	KR-105Sx36	KR-200Sx16	KR-205Sx16	
10.0	35.16	120000	KR-095Sx48	KR-105Sx48	KR-200Sx20	KR-205Sx20	KR-215SxD22
12.5	43.95	150000			KR-200Sx26	KR-205Sx26	KR-215SxD30
15.0	52.74	180000			KR-200Sx30	KR-205Sx30	KR-215SxD38
20.0	70.32	240000			KR-200Sx40	KR-205Sx42	KR-215SxD50
25.0	87.90	300000			KR-200Sx52	KR-205Sx54	KR-215SxD58
30.0	105.48	360000			KR-200Sx64	KR-205Sx66	KR-215SxD82
40.0	140.64	480000			KR-200Sx96	KR-205Sx98	
50.0	175.80	600000				KR-205Sx170	

R410A vs. Water Evaporator

Based on ARI -480 Standard

RT	kW	BTU/H	KR-025	KR-030	KR-040	KR-050	KR-060	KR-070
0.2	0.70	2400	KR-025x12	KR-030x12				
0.5	1.76	6000	KR-025x20	KR-030x20	KR-040x12			
1.0	3.52	12000	KR-025x34	KR-030x34	KR-040x20	KR-050x12	KR-060Hx10	KR-070x12
1.5	5.27	18000			KR-040x30	KR-050x18	KR-060Hx16	KR-070x16
2.0	7.03	24000			KR-040x40	KR-050x22	KR-060Hx20	KR-070x20
2.5	8.79	30000				KR-050x26	KR-060Hx22	KR-070x24
3.0	10.55	36000				KR-050x36	KR-060Hx32	KR-070x34
4.0	14.06	48000				KR-050x46	KR-060Hx40	KR-070x44
5.0	17.58	60000				KR-050x54	KR-060Hx48	KR-070x52

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



KR Series - Model Selection Chart

R410A vs. Water Evaporator

Based on ARI -480 Standard

RT	KW	BTU/H	KR-095	KR-105	KR-200	KR-205S
2.0	7.03	24000	KR-095x10	KR-105x14		
2.5	8.79	30000	KR-095x12	KR-105x16		
3.0	10.55	36000	KR-095x16	KR-105x18		
4.0	14.06	48000	KR-095x20	KR-105x24		
5.0	17.58	60000	KR-095x24	KR-105x30	KR-200Hx14	KR-205x12
7.5	26.37	90000	KR-095x38	KR-105x44	KR-200Hx18	KR-205x16
10.0	35.16	120000	KR-095x50	KR-105x56	KR-200Hx24	KR-205x22
12.5	43.95	150000			KR-200Hx30	KR-205x28
15.0	52.74	180000			KR-200Hx36	KR-205x32
20.0	70.32	240000			KR-200Hx48	KR-205x44
25.0	87.90	300000			KR-200Hx60	KR-205x56
30.0	105.48	360000				KR-205x70V
40.0	140.64	480000				KR-205x108V

R134A vs. Water Condenser

Based on ARI -480 Standard

RT	kW	BTU/H	KR-025	KR-030	KR-040	KR-050	KR-060	KR-070
0.2	0.70	2400	KR-025x8	KR-030x8				
0.5	1.76	6000	KR-025x16	KR-030x16	KR-040x10			
1.0	3.52	12000	KR-025x30	KR-030x30	KR-040x18	KR-050x16	KR-060Hx14	KR-070x16
1.5	5.27	18000			KR-040x24	KR-050x22	KR-060Hx20	KR-070x22
2.0	7.03	24000			KR-040x32	KR-050x28	KR-060Hx24	KR-070x26
2.5	8.79	30000				KR-050x34	KR-060Hx30	KR-070x32
3.0	10.55	36000				KR-050x42	KR-060Hx38	KR-070x40
4.0	14.06	48000				KR-050x56	KR-060Hx50	KR-070x54
5.0	17.58	60000				KR-050x68	KR-060Hx60	KR-070x66

R134A vs. Water Condenser

Based on ARI -480 Standard

RT	kW	BTU/H	KR-095	KR-105	KR-200	KR-205	KR-215D
2.0	7.03	24000	KR-095x14	KR-105x14			
2.5	8.79	30000	KR-095x16	KR-105x16			
3.0	10.55	36000	KR-095x18	KR-105x18			
4.0	14.06	48000	KR-095x24	KR-105x24			
5.0	17.58	60000	KR-095x28	KR-105x28	KR-200Hx18	KR-205x12	
7.5	26.37	90000	KR-095x42	KR-105x42	KR-200Hx24	KR-205x18	
10.0	35.16	120000	KR-095x56	KR-105x56	KR-200Hx30	KR-205x20	KR-215Dx18
12.5	43.95	150000			KR-200Hx38	KR-205x26	
15.0	52.74	180000			KR-200Hx46	KR-205x30	KR-215Dx30
20.0	70.32	240000			KR-200Hx60	KR-205x42	KR-215Dx38
25.0	87.90	300000			KR-200Hx76	KR-205x54	KR-215Dx50
30.0	105.48	360000			KR-200Hx90	KR-205x66	KR-215Dx58
40.0	140.64	480000			KR-200Hx120	KR-205x98	KR-215Dx82
50.0	175.80	600000				KR-205x138	



KR Series - Model Selection Chart

R134A vs. Water Evaporator

Based on ARI -480 Standard

RT	kW	BTU/H	KR-025	KR-030	KR-040	KR-050	KR-060	KR-070
0.2	0.70	2400	KR-025x12	KR-030x12				
0.5	1.76	6000	KR-025x20	KR-030x20	KR-040x12			
1.0	3.52	12000	KR-025x36	KR-030x36	KR-040x20	KR-050x14	KR-060Mx14	KR-070x14
1.5	5.27	18000			KR-040x32	KR-050x18	KR-060Mx18	KR-070x18
2.0	7.03	24000			KR-040x40	KR-050x22	KR-060Mx22	KR-070x20
2.5	8.79	30000				KR-050x28	KR-060Mx28	KR-070x26
3.0	10.55	36000				KR-050x36	KR-060Mx36	KR-070x34
4.0	14.06	48000				KR-050x44	KR-060Mx44	KR-070x42
5.0	17.58	60000				KR-050x56	KR-060Mx56	KR-070x54

R134A vs. Water Evaporator

Based on ARI -480 Standard

RT	kW	BTU/H	KR-095	KR-105	KR-200	KR-205	KR-215D
2.0	7.03	24000	KR-095x14	KR-105x16			
2.5	8.79	30000	KR-095x16	KR-105x20			
3.0	10.55	36000	KR-095x20	KR-105x24			
4.0	14.06	48000	KR-095x24	KR-105x30			
5.0	17.58	60000	KR-095x30	KR-105x36	KR-200Hx16	KR-205x16	
7.5	26.37	90000	KR-095x46	KR-105x54	KR-200Hx24	KR-205x24	
10.0	35.16	120000	KR-095x64	KR-105x84	KR-200Hx32	KR-205x32	KR-215Dx34
12.5	43.95	150000			KR-200Hx38	KR-205x40	
15.0	52.74	180000			KR-200Hx46	KR-205x48	KR-215Dx46
20.0	70.32	240000			KR-200Hx60	KR-205x64V	KR-215Dx62
25.0	87.90	300000				KR-205x84V	KR-215Dx78
30.0	105.48	360000				KR-205x108V	KR-215Dx94
40.0	140.64	480000				KR-205x180V	KR-215Dx126V

R407C vs. Water Condenser

Based on ARI -450 Standard

RT	kW	BTU/H	KR-025	KR-030	KR-040	KR-050	KR-060	KR-070
0.2	0.70	2400	KR-025x12	KR-030x12				
0.5	1.76	6000	KR-025x26	KR-030x26	KR-040x14			
1.0	3.52	12000	KR-025x44	KR-030x44	KR-040x24	KR-050x20	KR-060Hx18	KR-070x18
1.5	5.27	18000			KR-040x32	KR-050x30	KR-060Hx26	KR-070x28
2.0	7.03	24000			KR-040x42	KR-050x38	KR-060Hx34	KR-070x36
2.5	8.79	30000				KR-050x50	KR-060Hx44	KR-070x48
3.0	10.55	36000				KR-050x60	KR-060Hx54	KR-070x58
4.0	14.06	48000				KR-050x76	KR-060Hx68	KR-070x74

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



KR Series - Model Selection Chart

R410A vs. Water Condenser

Based on ARI -450 Standard

RT	Kw	BTU/H	KR-095	KR-105	KR-200	KR-205	KR-215D
2.0	7.03	24000	KR-095x18	KR-105x18			
2.5	8.79	30000	KR-095x20	KR-105x20			
3.0	10.55	36000	KR-095x26	KR-105x28			
4.0	14.06	48000	KR-095x36	KR-105x38			
5.0	17.58	60000	KR-095x44	KR-105x48	KR-200Hx24	KR-205x22	
7.5	26.37	90000	KR-095x66	KR-105x72	KR-200Hx36	KR-205x34	
10.0	35.16	120000	KR-095x88	KR-105x96	KR-200Hx46	KR-205x42	KR-215Dx42
12.5	43.95	150000			KR-200Hx58	KR-205x54	
15.0	52.74	180000			KR-200Hx70	KR-205x64	KR-215Dx66
20.0	70.32	240000			KR-200Hx94	KR-205x86	KR-215Dx82
25.0	87.90	300000			KR-200Hx118	KR-205x108	KR-215Dx106
30.0	105.48	360000			KR-200Hx140	KR-205x128	KR-215Dx126
40.0	140.64	480000				KR-205x176	KR-215Dx170

R407C vs. Water Evaporator

Based on ARI -450 Standard

RT	kW	BTU/H	KR-025	KR-030	KR-040	KR-050	KR-060	KR-070
0.2	0.70	2400	KR-025x10	KR-030x10				
0.5	1.76	6000	KR-025x16	KR-030x16	KR-040x10			
1.0	3.52	12000	KR-025x28	KR-030x28	KR-040x14	KR-050x10	KR-060Mx10	KR-070x10
1.5	5.27	18000			KR-040x20	KR-050x14	KR-060Mx14	KR-070x14
2.0	7.03	24000			KR-040x26	KR-050x16	KR-060Mx16	KR-070x16
2.5	8.79	30000				KR-050x18	KR-060Mx18	KR-070x18
3.0	10.55	36000				KR-050x22	KR-060Mx22	KR-070x22
4.0	14.06	48000				KR-050x28	KR-060Mx30	KR-070x28
5.0	17.58	60000				KR-050x36	KR-060Mx40	KR-070x36

R407C vs. Water Evaporator

Based on ARI -450 Standard

RT	kW	BTU/H	KR-095	KR-105	KR-200	KR-205	KR-215D
2.0	7.03	24000	KR-095x10	KR-105x10			
2.5	8.79	30000	KR-095x12	KR-105x12			
3.0	10.55	36000	KR-095x16	KR-105x14			
4.0	14.06	48000	KR-095x20	KR-105x18			
5.0	17.58	60000	KR-095x24	KR-105x22	KR-200Hx12	KR-205x12	
7.5	26.37	90000	KR-095x38	KR-105x38	KR-200Hx16	KR-205x16	
10.0	35.16	120000	KR-095x50	KR-105x50	KR-200Hx22	KR-205x22	KR-215Dx22
12.5	43.95	150000			KR-200Hx28	KR-205x28	
15.0	52.74	180000			KR-200Hx34	KR-205x34	KR-215Dx30
20.0	70.32	240000			KR-200Hx44	KR-205x44	KR-215Dx42
25.0	87.90	300000			KR-200Hx56	KR-205x58	KR-215Dx54
30.0	105.48	360000				KR-205x72V	KR-215Dx66
40.0	140.64	480000				KR-205x110V	KR-215Dx86

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

KR Series - Model Selection Chart

R22 vs. Water Condenser

Based on ARI -450 Standard

RT	kW	BTU/H	KR-025	KR-030	KR-040	KR-050	KR-060	KR-070
0.2	0.70	2400	KR-025x10	KR-030x10				
0.5	1.76	6000	KR-025x18	KR-030x18	KR-040x14			
1.0	3.52	12000	KR-025x32	KR-030x32	KR-040x22	KR-050x14	KR-060Hx12	KR-070x14
1.5	5.27	18000			KR-040x36	KR-050x20	KR-060Hx18	KR-070x20
2.0	7.03	24000			KR-040x40	KR-050x24	KR-060Hx22	KR-070x24
2.5	8.79	30000				KR-050x30	KR-060Hx26	KR-070x30
3.0	10.55	36000				KR-050x36	KR-060Hx32	KR-070x36
4.0	14.06	48000				KR-050x48	KR-060Hx42	KR-070x48
5.0	17.58	60000				KR-050x60	KR-060Hx54	KR-070x60

R22 vs. Water Condenser

Based on ARI -450 Standard

RT	kW	BTU/H	KR-095	KR-105	KR-200	KR-205	KR-215D
2.0	7.03	24000	KR-095x12	KR-105x12			
2.5	8.79	30000	KR-095x16	KR-105x16			
3.0	10.55	36000	KR-095x18	KR-105x18			
4.0	14.06	48000	KR-095x22	KR-105x22			
5.0	17.58	60000	KR-095x30	KR-105x30	KR-200Hx18	KR-205x16	
7.5	26.37	90000	KR-095x40	KR-105x40	KR-200Hx24	KR-205x22	
10.0	35.16	120000	KR-095x60	KR-105x60	KR-200Hx32	KR-205x30	KR-215Dx30
12.5	43.95	150000			KR-200Hx38	KR-205x36	
15.0	52.74	180000			KR-200Hx44	KR-205x42	KR-215Dx42
20.0	70.32	240000			KR-200Hx60	KR-205x60	KR-215Dx54
25.0	87.90	300000			KR-200Hx76	KR-205x76	KR-215Dx70
30.0	105.48	360000			KR-200Hx100	KR-205x100	KR-215Dx82
40.0	140.64	480000			KR-200Hx130	KR-205x130	KR-215Dx110
50.0	175.80	600000				KR-205x150	

R22 vs. Water Condenser

Based on ARI -480 Standard

RT	kW	BTU/H	KR-025	KR-030	KR-040	KR-050	KR-060	KR-070
0.2	0.70	2400	KR-025x12	KR-030x12				
0.5	1.76	6000	KR-025x24	KR-030x24	KR-040x14			
1.0	3.52	12000	KR-025x44	KR-030x44	KR-040x22	KR-050x14	KR-060Hx12	KR-070x14
1.5	5.27	18000			KR-040x36	KR-050x20	KR-060Hx18	KR-070x20
2.0	7.03	24000			KR-040x40	KR-050x24	KR-060Hx22	KR-070x24
2.5	8.79	30000				KR-050x30	KR-060Hx26	KR-070x30
3.0	10.55	36000				KR-050x36	KR-060Hx32	KR-070x36
4.0	14.06	48000				KR-050x48	KR-060Hx42	KR-070x48
5.0	17.58	60000				KR-050x60	KR-060Hx54	KR-070x60

R22 vs. Water Condenser

Based on ARI -480 Standard

RT	kW	BTU/H	KR-095	KR-105	KR-200	KR-205	KR-215D
2.0	7.03	24000	KR-095x12				
2.5	8.79	30000	KR-095x16				
3.0	10.55	36000	KR-095x18	KR-105x18			
4.0	14.06	48000	KR-095x24	KR-105x26			
5.0	17.58	60000	KR-095x30	KR-105x30	KR-200Hx18	KR-205x16	
7.5	26.37	90000	KR-095x40	KR-105x40	KR-200Hx24	KR-205x22	
10.0	35.16	120000	KR-095x60	KR-105x60	KR-200Hx32	KR-205x30	KR-215Dx30
12.5	43.95	150000			KR-200Hx38	KR-205x36	
15.0	52.74	180000			KR-200Hx44	KR-205x42	KR-215Dx42
20.0	70.32	240000			KR-200Hx60	KR-205x60	KR-215Dx54
25.0	87.90	300000				KR-205x76V	KR-215Dx70
30.0	105.48	360000				KR-205x100V	KR-215Dx82
40.0	140.64	480000				KR-205x130V	KR-215Dx110

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