

R404a Standard Semi-Hermetic Air-Cooled Condensing Units KW (50Hz)

		Cooling Capacity at 20°C suction return temperature													
No. of Fans	Amb. Temp. °C	Evaporating Temperature °C													
		-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
B8-KM-7X	27	0.34	0.49	0.68	0.90	1.15	1.44	1.76	2.12	2.50	2.90	3.35	3.55		
	32	0.28	0.43	0.61	0.81	1.05	1.31	1.61	1.94	2.30	2.69	3.10	3.30		
	38	0.22	0.35	0.52	0.71	0.92	1.16	1.43	1.73	2.06	2.42	2.80	2.95		
	43	0.16	0.29	0.44	0.62	0.82	1.04	1.29	1.56	1.86					
	46		0.26	0.40	0.57	0.75	0.96	1.20	1.46						
	49		0.22	0.36	0.51	0.69	0.89								
B8-KJ-10X	27	0.46	0.67	0.91	1.19	1.51	1.87	2.26	2.69	3.15	3.65	4.15	4.35		
	32	0.39	0.58	0.81	1.07	1.37	1.70	2.06	2.46	2.88	3.35	3.80	4.00		
	38	0.30	0.48	0.69	0.93	1.20	1.50	1.83	2.19	2.57	3.00				
	43	0.23	0.40	0.60	0.82	1.07	1.34	1.64	1.96						
	46	0.19	0.36	0.55	0.76	0.99	1.25								
	49		0.32	0.50	0.69	0.91									
B8-KJ-7X	27	0.50	0.70	0.94	1.21	1.52	1.87								
	32	0.43	0.62	0.84	1.10	1.38	1.70								
	38	0.35	0.52	0.72	0.95	1.22	1.51								
	43	0.29	0.44	0.63	0.84	1.08	1.35								
	46		0.4	0.57	0.77	1.00	1.25								
	49		0.35	0.52	0.71										
B8-KSJ-10X	27	0.67	0.92	1.20	1.52	1.88	2.28								
	32	0.59	0.81	1.08	1.38	1.71	2.09								
	38	0.48	0.69	0.93	1.20	1.51									
	43	0.39	0.58	0.81	1.06	1.34									
	46	0.34	0.52	0.73	0.97	1.24									
	49		0.46	0.66											
D8-KSJ-15X	27	0.67	0.93	1.24	1.60	2.02	2.49	3.05	3.60	4.25	5.00				
	32	0.58	0.83	1.12	1.46	1.84	2.28	2.78	3.35	3.95	4.60				
	38	0.48	0.71	0.98	1.29	1.64	2.04	2.49	3.00	3.55					
	43	0.40	0.62	0.86	1.15	1.47	1.84	2.25	2.71						
	46	0.35	0.56	0.80	1.06	1.37	1.72	2.11							
	49		0.51	0.73	0.98	1.27	1.60								
B8-KL-15X	27	0.78	1.05	1.36	1.72	2.12	2.55								
	32	0.69	0.94	1.23	1.57	1.94	2.34								
	38	0.58	0.81	1.08	1.38	1.72									
	43	0.49	0.70	0.95	1.23	1.54									
	46	0.43	0.64	0.87	1.14										
	49	0.38	0.58	0.80											
D8-KSL-20X	27	0.98	1.34	1.77	2.26	2.82	3.45	4.15	4.90	5.70					
	32	0.86	1.21	1.61	2.07	2.58	3.15	3.80	4.50						
	38	0.72	1.04	1.41	1.83	2.31	2.83	3.40							
	43	0.61	0.91	1.25	1.64	2.07	2.56	3.10							
	46	0.55	0.83	1.16	1.53	1.94	2.39								
	49		0.76	1.07	1.41										
H8-KSL-20X	27	1.01	1.39	1.84	2.37	3.00	3.65	4.45	5.30	6.25					
	32	0.89	1.25	1.67	2.17	2.73	3.40	4.10	4.90	5.80					
	38	0.75	1.08	1.47	1.92	2.44	3.05	3.70	4.45						
	43	0.63	0.95	1.31	1.72	2.20	2.74	3.35							
	46	0.56	0.87	1.21	1.61	2.06	2.57	3.15							
	49		0.79	1.11	1.49	1.91	2.40								



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KW (50Hz)

		Cooling Capacity at 20°C suction return temperature													
No. of Fans	Amb. Temp. °C	Evaporating Temperature °C													
		-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
D8-LE-20X	27		1.03	1.50	2.04	2.66	3.35	4.10	4.90	5.80	6.70	7.65	8.05		
	32		0.82	1.27	1.79	2.37	3.00	3.70	4.45	5.25	6.10	7.00			
	38			1.00	1.49	2.02	2.61	3.25	3.90	4.65					
	43			0.78	1.24	1.74	2.27	2.85	3.45						
	46			0.65	1.09	1.57	2.07								
	49				0.95	1.40									
H8-LE-20X	27		1.08	1.58	2.17	2.84	3.60	4.45	5.45	6.50	7.65	8.85	9.35	10.15	
	32		0.86	1.35	1.90	2.54	3.25	4.05	4.95	5.90	6.95	8.10	8.60	9.30	
	38		0.60	1.06	1.59	2.17	2.83	3.55	4.35	5.25	6.20	7.20	7.65		
	43			0.83	1.32	1.87	2.47	3.15	3.85	4.65	5.55				
	46			0.69	1.17	1.69	2.26	2.89	3.60						
	49				1.01	1.51	2.05	2.64							
D8-LF-20X	27	0.90	1.39	1.95	2.58	3.30	4.05								
	32	0.71	1.17	1.69	2.28	2.95	3.65								
	38		0.92	1.40	1.93	2.53	3.20								
	43			1.17	1.66	2.20	2.79								
	46			1.03	1.50	2.01									
	49			0.91	1.34										
H8-LF-30X	27	1.15	1.70	2.34	3.10	3.95	4.90	5.95	7.05	8.30	9.65	11.05	11.60		
	32	0.95	1.47	2.08	2.77	3.55	4.45	5.40	6.50	7.65	8.85				
	38	0.73	1.21	1.77	2.40	3.10	3.90	4.80	5.80	6.80					
	43	0.54	1.00	1.51	2.10	2.76	3.50	4.30	5.20						
	46		0.87	1.37	1.92	2.55	3.25								
	49		0.74	1.22	1.75	2.34									
P8-LF-30X	27	1.18	1.74	2.41	3.20	4.10	5.10	6.25	7.55	8.90	10.40	12.05	12.70		
	32	0.98	1.51	2.14	2.87	3.70	4.65	5.70	6.90	8.20	9.60	11.10	11.75		
	38	0.74	1.24	1.82	2.49	3.25	4.10	5.10	6.15	7.35	8.60				
	43	0.55	1.02	1.56	2.18	2.88	3.70	4.55	5.55	6.65					
	46		0.89	1.41	2.00	2.66	3.40	4.25	5.20						
	49		0.76	1.26	1.81	2.44	3.15								
H8-LJ-20X	27	1.08	1.71	2.44	3.30	4.20	5.25								
	32	0.84	1.43	2.12	2.90	3.80									
	38		1.11	1.75	2.47	3.30									
	43			1.45	2.12	2.87									
	46			1.27	1.91	2.63									
	49			1.10	1.70	2.38									
H8-LJ-30X	27	1.31	1.90	2.60	3.40	4.30	5.30	6.45	7.65	8.95	10.30	11.75			
	32	1.08	1.64	2.30	3.05	3.90	4.80	5.85	6.95	8.15	9.45				
	38	0.81	1.34	1.94	2.62	3.40	4.25	5.15	6.20	7.30					
	43	0.59	1.09	1.65	2.27	3.00	3.75	4.60							
	46		0.94	1.47	2.07	2.73	3.45								
	49		0.79	1.30	1.86										
P8-LJ-30X	27	1.35	1.96	2.69	3.55	4.50	5.60	6.85	8.20	9.65	11.25	12.95	13.65		
	32	1.11	1.70	2.38	3.15	4.05	5.10	6.25	7.50	8.85	10.35	11.90	12.60		
	38	0.84	1.38	2.01	2.73	3.55	4.50	5.50	6.65	7.90	9.25				
	43	0.61	1.12	1.71	2.37	3.15	4.00	4.90	5.95	7.10					
	46		0.97	1.53	2.16	2.87	3.70	4.55	5.55						
	49		0.82	1.35	1.95	2.62	3.40								



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		Amb. Temp. °C	Cooling Capacity at 20°C suction return temperature														
No. of Fans			Evaporating Temperature °C														
			-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5	
H8-LL-30X	1	27	1.53	2.28	3.15	4.15	5.25	6.45									
		32	1.24	1.96	2.78	3.70	4.75	5.90									
		38		1.57	2.33	3.20	4.15	5.15									
		43		1.26	1.96	2.75	3.65	4.60									
		46		1.08	1.75	2.50	3.35										
		49		1.54	2.24												
H8-LL-40X	1	27	1.64	2.34	3.15	4.10	5.20	6.40	7.70	9.15	10.70	12.30					
		32	1.39	2.04	2.80	3.70	4.70	5.80	7.05	8.40	9.80						
		38	1.09	1.69	2.39	3.20	4.10	5.10	6.25	7.45							
		43		1.40	2.04	2.78	3.60	4.55									
		46		1.23	1.84	2.53	3.30										
		49		1.06	1.63	2.29											
K9-LL-30X	2	27	1.54	2.30	3.20	4.20	5.35	6.55									
		32	1.25	1.97	2.81	3.75	4.80	5.95									
		38		1.59	2.35	3.20	4.20	5.25									
		43		1.27	1.98	2.78	3.70	4.65									
		46		1.09	1.76	2.53	3.35										
		49		1.55	2.27												
P8-LL-40X	2	27	1.70	2.42	3.30	4.30	5.50	6.80	8.30	9.95	11.70	13.65	15.70				
		32	1.43	2.11	2.90	3.85	4.95	6.20	7.60	9.10	10.80	12.60					
		38	1.13	1.75	2.49	3.35	4.35	5.50	6.75	8.15	9.65						
		43	0.87	1.45	2.13	2.95	3.85	4.90	6.05	7.30							
		46		1.28	1.92	2.67	3.55	4.50									
		49		1.10	1.71	2.41	3.25										
M8-2SA-45X	1	27			4.10	5.25	6.55	8.00	9.60	11.30	13.10						
		32			3.70	4.75	6.00	7.35	8.80	10.40	12.10						
		38				4.20	5.30	6.55	7.90	9.30							
		43				3.75	4.75	5.90	7.10								
		46					4.45										
		49															
R7-2SA-45X	2	27			4.25	5.50	6.95	8.55	10.35	12.30	14.40						
		32			3.85	5.00	6.35	7.85	9.50	11.35	13.30						
		38				4.40	5.65	7.00	8.50	10.20	12.00						
		43				3.95	5.05	6.30	7.70	9.25	10.90						
		46					4.70	5.90	7.20								
		49				4.35											
H8-LSG-40X	1	27	2.04	2.90	3.95	5.05	6.30	7.65									
		32	1.71	2.54	3.50	4.55	5.70	6.95									
		38	1.33	2.10	2.95	3.90	4.95	6.10									
		43		1.74	2.53	3.40	4.40										
		46		1.53	2.28	3.10											
		49		1.32	2.04												
K9-LSG-40X	2	27	2.06	2.95	4.00	5.15	6.40	7.75									
		32	1.73	2.57	3.55	4.60	5.80	7.05									
		38	1.34	2.12	3.00	4.00	5.05	6.20									
		43		1.75	2.56	3.45	4.45										
		46		1.54	2.31	3.15											
		49		1.34	2.06												



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Semi-Hermetic Air-Cooled Condensing Units

KW (50Hz)

No. of Fans	Amb. Temp. °C	Cooling Capacity at 20°C suction return temperature													
		Evaporating Temperature °C													
		-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
M9-LHA-50X	1	27	4.00	5.20	6.60	8.15	9.85								
	32	3.60	4.75	6.00	7.45	9.05									
	38	3.10	4.15	5.30	6.60	8.05									
	43		3.65	4.70	5.90	7.20									
	46			4.35	5.45										
49			4.00												
P8-LHA-50X	2	27	3.90	5.05	6.35	7.80	9.40								
	32	3.50	4.60	5.80	7.15	8.60									
	38	3.00	4.00	5.10	6.30	7.65									
	43		3.55	4.55	5.60	6.80									
	46			4.20											
49															
M9-2SC-55X	1	27	3.50	4.75	6.20	7.85	9.65	11.65	13.80	16.10					
	32	3.10	4.30	5.65	7.15	8.85	10.70	12.70	14.85						
	38		3.70	4.95	6.35	7.85	9.55	11.40	13.35						
	43			4.35	5.65	7.05	8.60								
	46			4.05	5.20										
49			3.70												
S9-2SC-55X	2	27	3.60	4.95	6.45	8.25	10.25	12.50	15.00	17.70					
	32	3.20	4.45	5.90	7.55	9.45	11.55	13.85	16.40						
	38		3.90	5.20	6.70	8.40	10.35	12.45	14.75						
	43			4.60	6.00	7.55	9.35	11.25	13.40						
	46			4.25	5.55	7.05	8.70								
49			3.90	5.15											
M9-2SK-65X	1	27	4.10	5.60	7.25	9.10	11.10	13.30	15.60	18.10					
	32		5.00	6.60	8.30	10.20	12.20	14.40	16.70						
	38			5.80	7.40	9.10	10.95	12.90							
	43				6.65	8.20									
	46				6.20										
49															
V9-2SK-65X	2	27	4.35	5.95	7.80	9.95	12.35	15.00	18.00	21.20					
	32		5.35	7.10	9.10	11.30	13.80	16.60	19.60						
	38		4.65	6.30	8.10	10.10	12.40	14.90	17.60						
	43			5.60	7.30	9.15	11.25	13.55	16.00						
	46				6.80	8.55	10.55								
49				6.35											
S9-3SC-75X	2	27	4.75	6.40	8.35	10.55	13.05	15.70	18.70	21.80					
	32		5.75	7.55	9.55	11.85	14.30	17.00	19.90						
	38			6.60	8.40	10.40	12.60	15.00							
	43			5.80	7.40	9.25									
	46				6.85										
49															
V6-3SC-75X	2	27	5.00	6.80	8.90	11.40	14.25	17.40	21.00	24.90					
	32	4.45	6.10	8.05	10.35	13.00	15.90	19.20	22.80						
	38		5.30	7.05	9.10	11.45	14.10	17.10	20.30						
	43			6.20	8.05	10.20	12.60	15.30	18.30						
	46			5.75	7.45	9.45	11.70	14.25							
49				6.85											



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		Evaporating Temperature °C													
No. of Fans	Amb. Temp. °C	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
V6-3SS-100X	27		7.10	9.40	12.05	15.10	18.40	22.10	26.10	30.50					
	32			8.60	11.05	13.85	17.00	20.40	24.10	28.10					
	38			7.60	9.85	12.40	15.20	18.30	21.70	25.30					
	43				8.90	11.25	13.80	16.60							
	46					10.55	12.95								
W9-3SS-100X	27		7.20	9.50	12.20	15.30	18.70	22.60	26.80	31.50					
	32			8.70	11.20	14.05	17.30	20.80	24.70	28.90					
	38			7.70	10.00	12.60	15.50	18.70	22.30	26.10					
	43				9.05	11.45	14.10	17.00	20.20						
	46				8.45	10.70	13.25								
49															



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