

R22 Standard

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
B8-KM-75 B8-KM-7X	27	0.25	0.40	0.58	0.79	1.03	1.32	1.64	2.01	2.42	2.87	3.35	3.60	3.90	4.20
	32	0.20	0.34	0.51	0.71	0.94	1.21	1.52	1.87	2.25	2.68	3.15	3.35	3.70	3.95
	38		0.27	0.43	0.62	0.84	1.09	1.38	1.7	2.06	2.47	2.90	3.10	3.40	3.65
	43			0.37	0.55	0.75	0.99	1.26	1.57	1.91	2.29	2.71	2.89	3.20	3.45
	46			0.33	0.50	0.70	0.93	1.19	1.49	1.82	2.19	2.60	2.77	3.05	3.30
	49			0.29	0.46	0.66	0.88	1.13	1.41	1.73	2.09	2.48	2.65		
B8-KJ-100 B8-KJ-10X	27		0.58	0.79	1.05	1.36	1.72	2.14	2.60	3.10	3.70	4.30	4.55	4.95	5.30
	32		0.52	0.72	0.96	1.26	1.60	1.99	2.44	2.95	3.45	4.05	4.30	4.65	5.00
	38		0.45	0.64	0.86	1.14	1.46	1.82	2.24	2.69	3.20	3.75	3.95	4.30	4.65
	43		0.39	0.57	0.78	1.04	1.34	1.68	2.07	2.51	3.00	3.50	3.70		
	46		0.36	0.53	0.73	0.98	1.27	1.60	1.98	2.39	2.85				
	49			0.48	0.68	0.92	1.20	1.52	1.88	2.28					
B8-KJ-7X	27	0.41	0.59	0.80	1.05	1.35	1.70	2.10	2.55	3.05					
	32	0.35	0.52	0.72	0.96	1.24	1.57	1.95	2.39	2.88					
	38	0.29	0.44	0.63	0.86	1.12	1.43	1.79	2.20	2.66					
	43		0.39	0.57	0.78	1.03	1.32	1.66	2.05						
	46		0.35	0.53	0.73	0.97	1.25	1.58							
	49			0.49	0.69	0.92									
B8-KSJ-10X	27	0.57	0.79	1.05	1.35	1.71	2.12	2.59	3.10	3.70					
	32	0.50	0.71	0.96	1.25	1.59	1.98	2.43	2.95	3.50					
	38	0.43	0.63	0.86	1.13	1.45	1.82	2.24	2.71	3.25					
	43	0.37	0.56	0.78	1.04	1.34	1.69	2.08							
	46	0.34	0.52	0.74	0.99	1.28	1.61								
	49	0.31	0.49	0.69	0.93										
D8-KSJ-150 D8-KSJ-15X	27			1.08	1.41	1.81	2.28	2.82	3.40	4.05	4.80	5.55	5.85	6.35	6.75
	32		0.75	1.00	1.31	1.69	2.13	2.64	3.20	3.85	4.50	5.20	5.55	6.00	
	38		0.67	0.89	1.18	1.54	1.95	2.43	2.95	3.55	4.15	4.85			
	43		0.60	0.81	1.08	1.42	1.81	2.26	2.75	3.30	3.90				
	46		0.56	0.76	1.03	1.35	1.72	2.15	2.63	3.15					
	49		0.52	0.71	0.97	1.27	1.64	2.05	2.51	3.05					
B8-KL-150 B8-KL-15X	27	0.64	0.89	1.18	1.53	1.94	2.40	2.95	3.50						
	32	0.57	0.80	1.09	1.42	1.80	2.24	2.74							
	38	0.49	0.71	0.97	1.28	1.64	2.06	2.53							
	43	0.42	0.62	0.87	1.17	1.51	1.90								
	46	0.37	0.58	0.82	1.10	1.43									
	49		0.53	0.76											
D8-KSL-200 D8-KSL-20X	27		1.14	1.53	2.00	2.54	3.15	3.85	4.65	5.50					
	32		1.03	1.41	1.86	2.37	2.95	3.65	4.35						
	38		0.91	1.27	1.69	2.17	2.72	3.35							
	43		0.81	1.16	1.55	2.01	2.53	3.10							
	46		0.76	1.09	1.48	1.92	2.42								
	49		0.71	1.03	1.40										
H8-KSL-200 H8-KSL-20X	27		1.16	1.58	2.07	2.64	3.30	4.05	4.90	5.90					
	32		1.06	1.45	1.92	2.47	3.10	3.80	4.65	5.55					
	38		0.93	1.31	1.75	2.26	2.85	3.55	4.30						
	43		0.83	1.19	1.61	2.09	2.65	3.30							
	46		0.78	1.12	1.53	1.99	2.53	3.15							
	49		0.72	1.06	1.45	1.89	2.41								



Emerson Climate Technologies

Middle East Africa Office : Jebel Ali Free Zone, P.O Box 26382, Dubai- U.A.E.
Tel.: +971 4 8832828, Fax: +971 4 8832848 Website: www.emersonclimate.com/mea

R22 Standard

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
D8-LE-200 D8-LE-20X	27	0.94	1.34	1.84	2.42	3.10	3.90	4.75	5.75	6.80	7.95	8.40			
	32	0.82	1.20	1.66	2.22	2.86	3.60	4.45	5.35	6.35	7.45	7.90			
	38	0.67	1.03	1.46	1.98	2.58	3.30	4.05	4.90	5.85					
	43	0.55	0.89	1.30	1.79	2.36	3.00	3.75	4.55	5.45					
	46	0.48	0.82	1.21	1.68	2.23	2.86	3.55	4.35						
	49		0.74	1.12	1.58	2.11	2.71	3.40							
H8-LE-200 H8-LE-20X	27	0.97	1.39	1.91	2.54	3.30	4.15	5.10	6.20	7.45	8.80	9.35	10.25	11.05	
	32	0.84	1.24	1.73	2.32	3.00	3.85	4.75	5.80	6.95	8.25	8.80	9.65		
	38	0.69	1.06	1.52	2.07	2.73	3.50	4.35	5.35	6.40	7.60	8.15			
	43	0.57	0.92	1.36	1.88	2.49	3.20	4.00	4.95	5.95	7.10				
	46	0.50	0.84	1.26	1.76	2.35	3.05	3.80	4.70	5.70					
	49		0.76	1.17	1.65	2.22	2.88	3.65	4.50	5.45					
D8-LF-200 D8-LF-20X	27	0.87	1.30	1.85	2.50	3.25	4.15	5.10							
	32	0.76	1.16	1.67	2.28	3.00	3.85	4.75							
	38	0.99	1.46	2.03	2.71	3.50	4.35								
	43	0.86	1.30	1.83	2.47	3.20									
	46	0.78	1.20	1.71	2.33										
	49	0.70	1.10	1.60											
H8-LF-300 H8-LF-30X	27		1.93	2.62	3.45	4.45	5.55	6.80	8.15	9.60	11.10	11.75	12.75	13.55	
	32		1.23	1.74	2.39	3.20	4.15	5.20	6.35	7.65	9.00	10.45	11.10	12.00	12.80
	38		1.05	1.52	2.13	2.88	3.75	4.75	5.85	7.05	8.35	9.70	10.30		
	43		0.9	1.35	1.92	2.63	3.45	4.40	5.45	6.55	7.80	9.10	9.65		
	46		0.82	1.25	1.80	2.48	3.30	4.20	5.20	6.30	7.50				
	49		0.74	1.15	1.69	2.34	3.10	4.00	4.95	6.00					
P8-LF-300 P8-LF-30X	27			2.69	3.55	4.60	5.80	7.10	8.55	10.15	11.85	12.55	13.65	14.60	
	32		1.25	1.78	2.46	3.30	4.25	5.40	6.65	8.05	9.55	11.15	11.85	12.90	13.80
	38		1.07	1.55	2.19	2.95	3.90	4.95	6.10	7.40	8.85	10.35	11.00	12.00	12.85
	43		0.92	1.37	1.97	2.70	3.55	4.55	5.70	6.90	8.25	9.70	10.30		
	46		0.83	1.27	1.85	2.55	3.40	4.35	5.45	6.60	7.90	9.30	9.90		
	49		0.75	1.17	1.73	2.41	3.20	4.15	5.20	6.35	7.60	8.95			
H8-LJ-200 H8-LJ-20X	27	1.03	1.55	2.22	3.05	4.00	5.10								
	32	0.91	1.39	2.01	2.77	3.70	4.70								
	38	0.77	1.20	1.77	2.47	3.30	4.30								
	43	0.66	1.05	1.57	2.23	3.00	3.95								
	46	0.60	0.96	1.46	2.08	2.84	3.70								
	49		0.88	1.35	1.94	2.66									
H8-LJ-300 H8-LJ-30X	27		1.63	2.24	3.05	4.00	5.05	6.30	7.65	9.05	10.60	12.15	12.80	13.80	
	32		1.44	2.02	2.76	3.65	4.70	5.85	7.15	8.50	9.95	11.45			
	38		1.23	1.77	2.46	3.30	4.25	5.35	6.55	7.80	9.20				
	43		1.07	1.57	2.23	3.00	3.95	4.95	6.10	7.30	8.55				
	46		0.98	1.46	2.09	2.86	3.75	4.75	5.80	7.00					
	49		0.89	1.36	1.97	2.70	3.55	4.50	5.55						
P8-LJ-300 P8-LJ-30X	27			2.30	3.15	4.10	5.30	6.60	8.05	9.60	11.30	13.10	13.85	14.95	15.90
	32		1.47	2.07	2.85	3.80	4.90	6.15	7.50	9.00	10.60	12.30	13.00	14.10	
	38		1.25	1.81	2.53	3.40	4.45	5.60	6.90	8.30	9.80	11.40			
	43		1.09	1.61	2.29	3.10	4.10	5.20	6.40	7.75	9.15				
	46		1.00	1.50	2.15	2.95	3.90	4.95	6.10	7.40	8.75				
	49		0.91	1.39	2.02	2.79	3.70	4.70	5.85	7.05					



Emerson Climate Technologies

Middle East Africa Office : Jebel Ali Free Zone, P.O Box 26382, Dubai- U.A.E.
Tel.: +971 4 8832828, Fax: +971 4 8832848 Website: www.emersonclimate.com/mea

R22 Standard

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
H8-LL-300 H8-LL-30X	27	1.45	2.11	2.90	3.85	4.95	6.25							
	32	1.27	1.89	2.65	3.55	4.60	5.80							
	38		1.64	2.35	3.20	4.20	5.35							
	43			2.11	2.90	3.85	4.95							
	46			1.97	2.74	3.65								
	49			1.83	2.58									
H8-LL-400 H8-LL-40X	27		2.16	2.90	3.85	5.00	6.25	7.65	9.20	10.80	12.55	14.30		
	32		1.93	2.65	3.55	4.60	5.80	7.15	8.60	10.15	11.80			
	38			2.35	3.20	4.20	5.30	6.55	7.95	9.40	10.90			
	43			2.11	2.90	3.85	4.90	6.10	7.40	8.75				
	46			1.98	2.74	3.65	4.70	5.85	7.10					
	49			1.85	2.59	3.45	4.45	5.55						
K9-LL-300 K9-LL-30X	27	1.46	2.12	2.95	3.90	5.00	6.30							
	32	1.28	1.91	2.67	3.60	4.65	5.90							
	38		1.65	2.37	3.25	4.25	5.40							
	43			2.13	2.95	3.90	5.00							
	46			1.99	2.77	3.70								
	49			1.85	2.60									
P8-LL-400 P8-LL-40X	27		2.22	3.00	4.00	5.20	6.55	8.10	9.80	11.60	13.55	15.60	16.40	17.70
	32		1.99	2.73	3.65	4.80	6.10	7.55	9.15	10.90	12.75	14.70	15.50	
	38			2.42	3.30	4.35	5.55	6.95	8.45	10.05	11.80			
	43			2.18	3.00	4.00	5.15	6.45	7.85	9.40	11.05			
	46			2.04	2.84	3.80	4.90	6.15	7.50	9.00				
	49			1.90	2.67	3.60	4.65	5.85	7.20	8.65				
M8-2SA-450 M8-2SA-45X	27					5.70	7.15	8.75	10.60	12.55				
	32						6.65	8.20	9.95	11.80				
	38							7.55	9.15	10.90				
	43							7.00	8.50	10.15				
	46								8.15	9.75				
	49								7.75					
R7-2SA-450 R7-2SA-45X	27					5.90	7.45	9.20	11.20	13.40				
	32					5.50	6.95	8.60	10.50	12.60				
	38						6.35	7.95	9.70	11.65				
	43							7.35	9.00	10.85				
	46							7.05	8.60	10.40				
	49								8.20	9.95				
M8-2SA-450 Air M8-2SA-45X Air	27	1.98	2.79	3.75	4.85	6.15	7.60	9.25						
	32	1.76	2.54	3.45	4.50	5.75	7.15	8.70						
	38		2.26	3.15	4.15	5.30	6.60							
	43			2.86	3.80	4.90	6.15							
	46			2.70	3.65	4.70								
	49			2.55	3.45									
R7-2SA-450 Air R7-2SA-45X Air	27	2.02	2.85	3.85	5.00	6.35	7.95	9.70	11.70					
	32	1.80	2.60	3.55	4.65	5.95	7.45	9.15						
	38		2.31	3.20	4.25	5.50	6.90							
	43		2.08	2.95	3.95	5.10	6.40							
	46			2.78	3.75	4.85	6.15							
	49			2.62	3.55	4.65								



Emerson Climate Technologies

Middle East Africa Office : Jebel Ali Free Zone, P.O Box 26382, Dubai- U.A.E.

Tel.: +971 4 8832828, Fax: +971 4 8832848 Website: www.emersonclimate.com/mea

R22 Standard

Semi-Hermetic Air-Cooled Condensing Units

KW (50Hz)

			Cooling Capacity at 20°C suction return temperature													
			Evaporating Temperature °C													
		Amb. Temp. °C	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
H8-LSG-400 H8-LSG-40X	1	27	1.96	2.81	3.85	5.00	6.25	7.65								
		32	1.78	2.57	3.55	4.65	5.85	7.15								
		38	1.56	2.29	3.20	4.25	5.35	6.60								
		43		2.07	2.90	3.90	4.95									
		46		1.94	2.75	3.70										
		49		1.81												
K9-LSG-400 K9-LSG-40X	2	27	1.98	2.83	3.85	5.05	6.35	7.75								
		32	1.79	2.59	3.55	4.70	5.95	7.25								
		38	1.57	2.31	3.20	4.25	5.45	6.70								
		43		2.08	2.95	3.95	5.05									
		46		1.95	2.77	3.75										
		49		1.82	2.61											
M9-LHA-500 M9-LHA-50X	1	27		3.50	4.65	6.00	7.55	9.35	11.35	13.60						
		32		3.20	4.30	5.60	7.10	8.80	10.70							
		38			3.95	5.15	6.55	8.15								
		43				4.80	6.10	7.65								
		46					5.85									
		49														
P8-LHA-500 P8-LHA-50X	2	27		3.45	4.55	5.90	7.40	9.10	11.00							
		32			4.25	5.50	6.95	8.55	10.40							
		38				5.05	6.40	7.95								
		43				4.70	6.00	7.45								
		46														
		49														
M9-2SC-550 M9-2SC-55X	1	27					6.95	8.80	10.90	13.30	15.90					
		32						8.20	10.20	12.50	15.00					
		38							9.40	11.55	13.90					
		43							8.70	10.75	13.00					
		46								10.30	12.50					
		49								9.85						
S9-2SC-550 S9-2SC-55X	2	27					7.20	9.20	11.50	14.05	16.90					
		32					6.65	8.55	10.75	13.20	16.00					
		38						7.80	9.90	12.25	14.85					
		43							9.20	11.40	13.90					
		46							8.75	10.95	13.35					
		49								10.45	12.80					
M9-2SC-550 Air M9-2SC-55X Air	1	27	2.34	3.35	4.55	5.90	7.50									
		32	2.09	3.05	4.20	5.50										
		38		2.72	3.80	5.00										
		43			3.45	4.65										
		46			3.30	4.45										
		49			3.10	4.20										
S9-2SC-550 Air S9-2SC-55X Air	2	27	2.39	3.45	4.65	6.10	7.80	9.70								
		32	2.13	3.15	4.30	5.70	7.25									
		38		2.78	3.90	5.20										
		43		2.51	3.55	4.80										
		46			3.40	4.55										
		49			3.20	4.35										



Emerson Climate Technologies

Middle East Africa Office : Jebel Ali Free Zone, P.O Box 26382, Dubai- U.A.E.

Tel.: +971 4 8832828, Fax: +971 4 8832848 Website: www.emersonclimate.com/mea

R22 Standard

Semi-Hermetic Air-Cooled Condensing Units

KW (50Hz)

		Amb. Temp. °C	Cooling Capacity at 20°C suction return temperature													
			Evaporating Temperature °C													
No. of Fans			-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
M9-2SK-650	1	27	8.30 10.35 12.65 15.20 17.90													
		32	9.70 11.85 14.25 16.90													
		38	10.90 13.15 15.60													
		43	12.30 14.65													
		46	11.75													
M9-2SK-65X	1	27	6.50 8.30 10.35 12.65 15.20 17.90													
		32	7.70 9.70 11.85 14.25 16.90													
		38	8.85 10.90 13.15 15.60													
		43	10.15 12.30 14.65													
		46	9.70 11.75													
V9-2SK-650	2	27	8.85 11.10 13.70 16.60 19.90													
		32	8.25 10.40 12.85 15.60 18.80													
		38	9.55 11.85 14.50 17.40													
		43	11.05 13.50 16.30													
		46	10.55 12.95 15.60													
V9-2SK-65X	2	27	5.20 6.90 8.85 11.15 13.75 16.60 19.90													
		32	6.35 8.25 10.40 12.90 15.60 18.80													
		38	7.50 9.55 11.85 14.50 17.50													
		43	8.85 11.05 13.50 16.30													
		46	8.40 10.55 12.95 15.60													
V6-3SC-750 V6-3SC-75X	2	27	2.95	4.30	5.95	8.00	10.40	13.15	16.50	20.10	24.20					
		32	2.54	3.80	5.40	7.30	9.55	12.25	15.30	18.80	22.70					
		38	2.06	3.25	4.70	6.45	8.55	11.10	13.95	17.20	20.90					
		43	1.69	2.77	4.15	5.80	7.75	10.15	12.85	15.90	19.40					
		46		2.51	3.80	5.40	7.30	9.60	12.20	15.20						
S9-3SC-750 S9-3SC-75X	2	27	2.85	4.15	5.70	7.60	9.85	12.40	15.30	18.50	22.00					
		32	2.44	3.65	5.15	6.95	9.05	11.45	14.20	17.20	20.60					
		38	1.98	3.10	4.50	6.15	8.10	10.35	12.90	15.80						
		43		2.66	3.95	5.50	7.30	9.45	11.85							
		46		2.41	3.65	5.10	6.85									
V6-3SS-1000	2	27	3.80	5.65	7.90	10.55	13.55	17.00	20.90	25.20	30.00					
		32	3.25	5.00	7.15	9.65	12.55	15.80	19.50	23.70	28.20					
		38	2.57	4.30	6.30	8.65	11.35	14.45	17.90	21.80	26.00					
		43		3.70	5.65	7.85	10.40	13.35	16.60							
		46		3.35	5.25	7.40	9.85	12.65								
W9-3SS-1000	2	27	3.85	5.75	8.05	10.75	13.85	17.40	21.50	26.00	31.00					
		32	3.25	5.10	7.30	9.85	12.80	16.20	20.10	24.40	29.20					
		38	2.61	4.35	6.40	8.80	11.60	14.80	18.40	22.50	27.00					
		43	2.09	3.75	5.70	8.00	10.65	13.65	17.10	20.90						
		46		3.45	5.30	7.55	10.05	13.00	16.30							
		49		3.10	4.95	7.05	9.50									



Emerson Climate Technologies

Middle East Africa Office : Jebel Ali Free Zone, P.O Box 26382, Dubai- U.A.E.

Tel.: +971 4 8832828, Fax: +971 4 8832848 Website: www.emersonclimate.com/mea