

R22 Standard

Semi-Hermetic Standard Compressors

KW (60Hz)

	Cond Temp. °C	Cooling Capacity at 20°C suction return temperature														
		Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
DKM-100*	30			0.52	0.75	1.02	1.33	1.71	2.15	2.66	3.25	3.95	4.70	5.05	5.60	6.10
	35			0.45	0.67	0.92	1.23	1.59	2.00	2.49	3.05	3.70	4.45	4.80	5.30	5.80
	40			0.38	0.59	0.83	1.12	1.46	1.86	2.32	2.86	3.50	4.20	4.50	5.00	5.45
	45			0.31	0.50	0.74	1.01	1.34	1.71	2.15	2.66	3.25	3.90	4.20	4.70	5.10
	50			0.24	0.42	0.64	0.90	1.21	1.57	1.98	2.46	3.00	3.65	3.95	4.40	4.80
	55			0.17	0.34	0.55	0.79	1.08	1.42	1.81	2.26	2.78	3.40	3.65	4.05	4.45
	60				0.26	0.45	0.69	0.96	1.27	1.64	2.06	2.54	3.10			
62				0.23	0.42	0.64	0.90	1.21	1.57	1.98	2.45					
DKM-50* DKM-5X*	30		0.27	0.46	0.68	0.95	1.26	1.64	2.07	2.58	3.15					
	35		0.21	0.39	0.60	0.85	1.15	1.51	1.92	2.40	2.95					
	40			0.31	0.60	0.76	1.04	1.38	1.77	2.23	2.76					
	45			0.25	0.44	0.67	0.93	1.25	1.62	2.06	2.56					
	50				0.36	0.58	0.83	1.13	1.48	1.89						
	55				0.29	0.49	0.73	1.01	1.34	1.72						
	60															
62																
DKM-75* DKM-7X*	30		0.28	0.46	0.68	0.95	1.27	1.65	2.09	2.61	3.20	3.90	4.70	5.00	5.55	6.05
	35		0.21	0.39	0.60	0.85	1.16	1.51	1.93	2.42	3.00	3.65	4.40	4.70	5.20	5.70
	40			0.31	0.52	0.76	1.04	1.38	1.77	2.23	2.77	3.40	4.10	4.40	4.90	5.30
	45				0.43	0.66	0.93	1.25	1.62	2.05	2.56	3.15	3.80	4.10	4.55	4.95
	50				0.36	0.57	0.83	1.13	1.47	1.88	2.35	2.90	3.50	3.80	4.25	4.65
	55					0.49	0.73	1.01	1.33	1.71	2.15	2.66	3.25	3.50	3.90	4.30
	60					0.41	0.63	0.89	1.20	1.55	1.96	2.44	3.00	3.25	3.60	3.95
62					0.38	0.60	0.85	1.15	1.49	1.89	2.35	2.89	3.15	3.50	3.85	
DKJ-100* DKJ-10X*	30			0.69	0.95	1.29	1.70	2.20	2.79	3.50	4.30	5.20	6.20	6.65	7.35	8.00
	35			0.61	0.86	1.18	1.57	2.04	2.60	3.25	4.00	4.90	5.85	6.30	6.95	7.55
	40			0.54	0.78	1.08	1.44	1.89	2.42	3.05	3.75	4.60	5.50	5.90	6.55	7.10
	45			0.47	0.69	0.97	1.32	1.74	2.24	2.82	3.50	4.30	5.15	5.55	6.15	6.70
	50			0.40	0.60	0.87	1.19	1.59	2.05	2.60	3.25	4.00	4.80	5.15	5.75	6.25
	55				0.52	0.76	1.07	1.43	1.87	2.39	3.00	3.70	4.45	4.80	5.35	5.85
	60					0.66	0.94	1.28	1.69	2.17	2.73	3.40	4.10	4.45	4.95	5.40
62					0.62	0.89	1.22	1.62	2.08	2.63	3.25	4.00	4.30	4.80	5.25	
DKJ-150* DKJ-15X*	30			0.70	0.97	1.30	1.72	2.22	2.81	3.50	4.35	5.25	6.30	6.80	7.50	8.15
	35			0.62	0.88	1.19	1.58	2.06	2.62	3.30	4.05	4.95	5.95	6.40	7.10	7.70
	40			0.54	0.78	1.08	1.45	1.90	2.43	3.05	3.80	4.60	5.55	6.00	6.65	7.25
	45			0.47	0.70	0.98	1.32	1.74	2.24	2.83	3.50	4.30	5.20	5.60	6.20	6.80
	50			0.39	0.61	0.87	1.20	1.59	2.06	2.61	3.25	4.00	4.85	5.20	5.80	6.35
	55				0.52	0.77	1.08	1.44	1.88	2.39	3.00	3.70	4.50	4.85	5.40	5.90
	60					0.67	0.95	1.29	1.70	2.18	2.74	3.40	4.15	4.45		
62					0.63	0.91	1.24	1.63	2.09	2.64	3.25	4.00	4.30			

*Additional Cooling Required



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 Standard Compressors

KW (60Hz)

	Cond Temp. °C	Cooling Capacity at 20°C suction return temperature														
		Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
DKJ-7X* DKJ-75*	30	0.28	0.47	0.69	0.97	1.30	1.69	2.17	2.75	3.45	4.20					
	35		0.40	0.61	0.87	1.18	1.56	2.01	2.55	3.20	3.95					
	40		0.33	0.53	0.78	1.07	1.42	1.85	2.37	3.00	3.70					
	45			0.46	0.69	0.96	1.30	1.70	2.18	2.76	3.45					
	50			0.39	0.61	0.86	1.18	1.55	2.01	2.55	3.20					
	55				0.53	0.77	1.06	1.42	1.84	2.35	2.95					
	60 62															
DKSJ-100* DKSJ-10X*	30	0.44	0.67	0.95	1.29	1.71	2.20	2.79	3.50	4.30	5.30					
	35	0.37	0.59	0.86	1.18	1.57	2.04	2.60	3.25	4.05	4.95					
	40	0.30	0.52	0.77	1.08	1.44	1.88	2.41	3.05	3.80	4.65					
	45		0.44	0.69	0.97	1.32	1.73	2.23	2.82	3.55	4.35					
	50		0.37	0.61	0.88	1.20	1.59	2.06	2.62	3.30	4.05					
	55		0.31	0.53	0.79	1.09	1.46	1.90	2.42	3.05	3.80					
	60 62															
DKSJ-150* DKSJ-15X*	30			0.97	1.29	1.70	2.22	2.84	3.55	4.40	5.35	6.40	7.55	8.05	8.85	9.55
	35			0.88	1.18	1.57	2.06	2.65	3.35	4.10	5.00	6.00	7.15	7.60	8.35	9.00
	40			0.79	1.08	1.45	1.91	2.46	3.10	3.85	4.70	5.65	6.70	7.15	7.85	8.50
	45			0.71	0.97	1.32	1.75	2.27	2.89	3.60	4.40	5.30	6.30	6.70	7.40	8.00
	50			0.63	0.87	1.20	1.60	2.09	2.67	3.35	4.10	4.95	5.85	6.25	6.90	
	55			0.54	0.77	1.08	1.46	1.91	2.45	3.05	3.80	4.55				
	60 62					0.96 0.91	1.31 1.25	1.74 1.66	2.24 2.15	2.82 2.71	3.50 3.35					
DKL-150* DKL-15X*	30	0.51	0.77	1.09	1.48	1.96	2.54	3.25	4.05	4.95	6.05					
	35	0.43	0.68	0.98	1.36	1.81	2.36	3.00	3.80	4.70	5.70					
	40	0.35	0.59	0.88	1.23	1.66	2.18	2.80	3.55	4.40	5.35					
	45		0.50	0.77	1.11	1.51	2.00	2.59	3.30	4.10						
	50		0.41	0.67	0.98	1.37	1.83	2.38	3.05							
	55			0.57	0.86	1.22	1.66	2.18	2.80							
	60 62															
DKSL-200* DKSL-20X*	30			1.36	1.87	2.48	3.20	4.05	5.10	6.25	7.60					
	35			1.23	1.72	2.30	3.00	3.80	4.75	5.90	7.15					
	40			1.10	1.57	2.12	2.78	3.55	4.45	5.50	6.75					
	45			0.98	1.43	1.95	2.57	3.30	4.15	5.15	6.30					
	50			0.87	1.29	1.78	2.36	3.05	3.85	4.80						
	55			0.77	1.16	1.62	2.16	2.81	3.55							
	60 62															

*Additional Cooling Required



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 Standard Compressors

KW (60Hz)

	Cond Temp. °C	Cooling Capacity at 20°C suction return temperature														
		Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
DLE-201* DLE-20X*	30			1.12	1.64	2.29	3.10	4.10	5.25	6.65	8.25	10.10	12.25	13.15	14.65	16.00
	35			0.96	1.45	2.07	2.83	3.75	4.85	6.15	7.70	9.45	11.45	12.35	13.75	15.00
	40			0.80	1.27	1.85	2.56	3.45	4.45	5.70	7.15	8.80	10.70	11.55	12.90	14.10
	45			0.65	1.09	1.64	2.31	3.15	4.10	5.25	6.60	8.15	9.95	10.75	12.05	13.15
	50			0.51	0.93	1.44	2.07	2.83	3.75	4.80	6.10	7.55	9.25	10.00	11.20	12.25
	55					1.25	1.84	2.54	3.40	4.40	5.60	6.95	8.55	9.25		
	60					1.08	1.62	2.28	3.05	4.00	5.10	6.40				
	62					1.01	1.54	2.18	2.95	3.85	4.90	6.15				
DLF-201* DLF-20X*	30	0.62	1.03	1.59	2.32	3.25	4.35	5.70	7.25	9.05	11.15					
	35		0.88	1.40	2.09	2.95	4.00	5.25	6.75	8.50	10.50					
	40		0.74	1.22	1.86	2.66	3.65	4.85	6.25	7.90	9.80					
	45			1.05	1.64	2.39	3.30	4.45	5.80	7.35						
	50			0.88	1.43	2.13	3.00	4.05	5.30							
	55			0.72	1.22	1.87	2.69	3.70	4.85							
	60															
	62															
DLF-301* DLF-30X*	30			1.64	2.32	3.25	4.35	5.70	7.30	9.15	11.25	13.60	16.20	17.40	19.20	20.70
	35			1.44	2.08	2.95	4.00	5.30	6.80	8.55	10.55	12.80	15.30	16.40	18.10	19.50
	40			1.25	1.85	2.65	3.65	4.90	6.30	7.95	9.85	12.00	14.35	15.40	17.00	18.40
	45			1.07	1.63	2.38	3.35	4.50	5.85	7.40	9.20	11.20	13.45	14.40	15.90	17.30
	50			0.90	1.43	2.13	3.00	4.10	5.35	6.85	8.50	10.40	12.55	13.45	14.90	16.20
	55			0.74	1.23	1.89	2.72	3.70	4.90	6.30	7.90	9.65	11.65	12.50	13.85	15.10
	60					1.66	2.43	3.35	4.50	5.80	7.25	8.95	10.80	11.60		
	62					1.58	2.33	3.25	4.30	5.55	7.00	8.65	10.45	11.25		
DLJ-201* DLJ-20X*	30	0.74	1.19	1.84	2.70	3.80	5.10	6.70								
	35	0.64	1.04	1.64	2.44	3.45	4.70	6.20								
	40	0.54	0.90	1.44	2.18	3.15	4.30	5.70								
	45		0.77	1.26	1.93	2.81	3.90	5.20								
	50		0.64	1.08	1.69	2.50	3.50	4.75								
	55			0.90	1.45	2.19	3.15	4.30								
	60															
	62															
DLJ-301* DLJ-30X*	30			1.94	2.74	3.80	5.10	6.70	8.50	10.60	13.00	15.60	18.50	19.80	21.70	23.50
	35			1.70	2.45	3.45	4.70	6.15	7.90	9.90	12.10	14.60	17.40	18.60	20.40	22.00
	40			1.48	2.18	3.10	4.25	5.65	7.30	9.20	11.30	13.65	16.30	17.40	19.10	20.70
	45			1.28	1.93	2.80	3.90	5.20	6.75	8.50	10.50	12.70	15.20	16.20	17.90	19.30
	50			1.09	1.70	2.51	3.55	4.75	6.20	7.85	9.70	11.80	14.10	15.10	16.60	18.00
	55			0.93	1.49	2.24	3.20	4.35	5.65	7.20	8.95	10.90	13.10			
	60					2.00	2.88	3.95	5.20	6.60	8.25	10.05				
	62					1.91	2.76	3.80	5.00	6.40	7.95					

*Additional Cooling Required



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 Standard Compressors

KW (60Hz)

	Cond Temp. °C	Cooling Capacity at 20°C suction return temperature														
		Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
DLL-301* DLL-30X*	30	1.06	1.72	2.57	3.65	4.95	6.55	8.40	10.60	13.15	16.10					
	35		1.49	2.30	3.30	4.55	6.05	7.85	9.95	12.35	15.20					
	40		1.27	2.03	3.00	4.15	5.55	7.25	9.25							
	45				2.66	3.75	5.10	6.70								
	50				2.36	3.40	4.65	6.20								
	55				2.06	3.05	4.25	5.65								
	60															
	62															
D2SA-450 D2SA-45X	30					5.50	7.25	9.30	11.75	14.55	17.80					
	35						6.75	8.70	11.00	13.65	16.80					
	40							8.10	10.25	12.80	15.70					
	45							7.50	9.55	11.90	14.70					
	50								8.80	11.05	13.65					
	55									10.20	12.65					
	60									9.35	11.60					
	62									9.00	11.20					
D2SA-450 Air* D2SA-45X Air*	30		2.34	3.40	4.60	6.10	7.90	9.95	12.40	15.20	18.50					
	35		2.08	3.05	4.25	5.70	7.35	9.35	11.70	14.35	17.50					
	40			2.77	3.90	5.25	6.85	8.75	10.95	13.55	16.50					
	45			2.49	3.55	4.85	6.35	8.15	10.25							
	50				3.25	4.45	5.90	7.60								
	55				2.90	4.05	5.40	7.00								
	60															
	62															
D2SA-550 D2SA-55X	30						6.80	8.95	11.55	14.60	18.20	22.40	27.20	29.30	32.50	35.50
	35						6.30	8.35	10.80	13.70	17.10	21.10	25.60	27.70	31.00	34.00
	40							7.80	10.10	12.85	16.10	19.80	24.10	26.00	29.00	32.00
	45								9.40	12.00	15.00	18.50	22.50	24.30	27.20	29.80
	50									11.15	13.95	17.20	21.00	22.60	25.30	27.70
	55									10.30	12.90	15.90	19.40	21.00	23.40	25.70
	60									11.90	14.65	17.90	19.30	21.60	23.60	
	62									11.50	14.15	17.30	18.60	20.80	22.80	
DLHA-500* DLHA-50X*	30		3.00	4.20	5.70	7.50	9.65	12.15	15.10	18.50	22.40					
	35			3.85	5.30	7.00	9.05	11.45	14.25	17.50	21.20					
	40				4.90	6.50	8.45	10.75	13.40	16.50	20.10					
	45					6.05	7.90	10.05	12.60	15.50						
	50					5.60	7.30	9.35	11.75							
	55						6.80	8.70								
	60															
	62															

*Additional Cooling Required



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 Standard Compressors

KW (60Hz)

	Cond Temp. °C	Cooling Capacity at 20°C suction return temperature														
		Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
D2SC-550 D2SC-55X	30					6.65	8.90	11.55	14.65	18.20	22.40					
	35						8.20	10.75	13.70	17.20	21.20					
	40							9.95	12.80	16.10	19.90					
	45							9.15	11.90	15.00	18.70					
	50								10.95	14.00	17.50					
	55									12.95	16.30					
	60									11.90	15.10					
	62								11.50	14.60						
DMRH-750	30						8.05	10.50	13.45	16.90	21.00	25.60	31.00	33.00	37.00	40.00
	35						7.50	9.85	12.65	16.00	19.90	24.40	29.50	31.50	35.00	38.50
	40						6.95	9.20	11.90	15.10	18.80	23.10	28.00	30.00	33.50	36.50
	45							8.50	11.05	14.10	17.60	21.70	26.30	28.40	31.50	34.50
	50							7.85	10.20	13.05	16.40	20.20	24.60	26.60	29.60	32.50
	55								9.30	11.95	15.10	18.70	22.80	24.60	27.50	30.00
	60								8.35	10.80	13.65	17.00	20.80	22.50	25.20	27.60
	62								10.30	13.05	16.30	20.00	21.70	24.30	26.60	
D2SC-550 Air* D2SC-55X Air*	30		2.77	4.05	5.60	7.45	9.60	12.20	15.20	18.70						
	35		2.46	3.70	5.15	6.90	8.95	11.40								
	40			3.35	4.70	6.40	8.35									
	45			3.00	4.30	5.90										
	50				3.95	5.40										
	55				3.55	4.95										
	60															
	62															
D2SC-650 D2SC-65X	30						10.50	13.30	16.60	20.40	24.80	29.90	35.50	38.00	42.00	46.00
	35						9.60	12.20	15.20	18.80	22.90	27.60	33.00	35.50	39.00	42.50
	40							11.10	13.95	17.20	21.00	25.30	30.00	32.50	36.00	39.00
	45							12.65	15.60	19.10	23.00	27.60	32.50	35.50		
	50								14.05	17.20	20.80	24.90	29.60	32.00		
	55								12.50	15.30	18.50	22.20	26.40	28.70		
	60									13.45	16.30	19.50	23.30	25.30		
	62									12.70	15.40	18.40	19.80	22.00	24.00	
D2SK-650 D2SK-65X	30				6.20	8.35	10.90	13.90	17.40	21.50	26.20					
	35					7.70	10.15	13.00	16.40	20.30	24.80					
	40						9.35	12.10	15.30	19.00	23.30					
	45						8.60	11.20	14.25	17.80	21.80					
	50							10.30	13.15	16.50	20.40					
	55								12.15	15.30	18.90					
	60									14.10	17.50					
	62									13.60	17.00					

*Additional Cooling Required



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 Standard Compressors

KW (60Hz)

	Cond Temp. °C	Cooling Capacity at 20°C suction return temperature															
		Evaporating Temperature °C															
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5	
D9RA-750	30						10.25	13.20	16.70	20.70	25.40	31.00	37.00	39.50	44.00	48.00	
	35							12.30	15.70	19.60	24.10	29.30	35.50	38.00	42.00	46.00	
	40							11.35	14.55	18.30	22.70	27.70	33.50	36.00	40.00	44.00	
	45						10.30	13.45	17.10	21.30	26.10	31.50	34.00	38.00	41.50		
	50							12.25	15.70	19.80	24.40	29.70	32.00	36.00	39.00		
	55							11.05	14.35	18.20	22.60	27.70	29.90				
	60								12.90	16.60	20.80						
	62																
D3SA-750	30						10.05	13.00	16.60	20.90	26.00	32.00	38.50	42.00	46.50	51.00	
	35						9.25	12.10	15.50	19.50	24.30	29.90	36.50	39.50	44.00	48.00	
	40							11.20	14.40	18.20	22.70	28.10	34.00	37.00	41.50	45.50	
	45								13.35	16.90	21.20	26.20	32.00	34.50	39.00	42.50	
	50									15.70	19.70	24.40	29.90	32.50	36.00	40.00	
	55									14.50	18.20	22.60	27.70	30.00	33.50	37.00	
	60										16.80	20.90	25.70	27.80	31.50	34.50	
	62										16.30	20.20	24.90	26.90	30.50	33.50	
D3SA-750 D3SA-75X	30						10.05	13.00	16.60	20.90	26.00	32.00	38.50	42.00	46.50	51.00	
	35						9.25	12.10	15.50	19.50	24.30	29.90	36.50	39.50	44.00	48.00	
	40							11.20	14.40	18.20	22.70	28.10	34.00	37.00	41.50	45.50	
	45								13.35	16.90	21.20	26.20	32.00	34.50	39.00	42.50	
	50									15.70	19.70	24.40	29.90	32.50	36.00	40.00	
	55									14.50	18.20	22.60	27.70	30.00	33.50	37.00	
	60										16.80	20.90	25.70	27.80	31.50	34.50	
	62											16.30	20.20	24.90	26.90	30.50	33.50
D3SC-1000 D3SC-100X	30						12.30	15.80	20.00	25.00	31.00	38.00	46.00	49.50	55.50	60.50	
	35						11.50	14.75	18.70	23.40	29.00	35.50	43.50	46.50	52.00	57.00	
	40							13.80	17.50	21.90	27.20	33.50	40.50	44.00	49.00	53.50	
	45								16.30	20.50	25.40	31.00	38.00	41.00	46.00	50.50	
	50									19.10	23.70	29.10	35.50	38.50	43.00	47.00	
	55									17.80	22.00	27.10	33.00	35.50	40.00	44.00	
	60										20.50	25.10	30.50	33.00	37.00	40.50	
	62											19.80	24.40	29.70	32.00	36.00	39.50
D3SC-750 D3SC-75X	30		3.40	5.05	7.15	9.75	12.90	16.70	21.10	26.20	32.00						
	35		2.89	4.45	6.45	8.90	11.85	15.40	19.60	24.50	30.00						
	40		2.41	3.85	5.70	8.00	10.80	14.20	18.20	22.80	28.20						
	45		1.95	3.30	5.05	7.15	9.80	12.95	16.70	21.10	26.30						
	50			2.77	4.35	6.35	8.80	11.75	15.30	19.50	24.30						
	55			2.26	3.70	5.55	7.85	10.60	13.90	17.80	22.40						
	60																
	62																



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 Standard Compressors

KW (60Hz)

	Cond Temp. °C	Cooling Capacity at 20°C suction return temperature														
		Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
D9RC-1000	30						11.50	15.20	19.50	24.50	30.50	37.00	44.50	48.00	53.50	58.50
	35						10.45	13.95	18.10	22.80	28.30	34.50	42.00	45.00	50.50	55.00
	40						9.45	12.75	16.60	21.20	26.40	32.50	39.50	42.50	47.00	51.50
	45							11.60	15.30	19.50	24.50	30.00	36.50	39.50	44.00	48.00
	50							10.55	13.95	18.00	22.60	27.90	34.00	36.50	41.00	45.00
	55								12.75	16.50	20.80	25.80	31.50	34.00	38.00	41.50
	60								11.60	15.10	19.10	23.70	29.00	31.50	35.00	38.50
	62									14.55	18.40	22.90	28.00	30.00	34.00	37.00
D3SS-1500 D3SS-150X	30						17.40	22.10	27.60	34.00	42.00	51.00	61.00	66.00	73.00	79.50
	35						16.30	20.70	26.00	32.00	39.50	48.00	57.50	62.00	69.00	75.00
	40							19.40	24.30	30.00	37.00	45.00	54.50	58.50	65.00	71.00
	45								22.80	28.30	34.50	42.50	51.00	55.00	61.00	66.50
	50									26.40	32.50	39.50	47.50	51.50	57.00	62.50
	55									24.60	30.00	37.00	44.50	48.00	53.00	58.00
	60										28.10	34.00	41.50	44.50	49.50	54.00
	62											27.20	33.00	40.00	43.00	48.00
D3SS-1000 D3SS-100X	30		4.45	6.85	9.75	13.25	17.40	22.30	28.00	34.50	42.00					
	35		3.75	6.05	8.80	12.15	16.10	20.70	26.10	32.50	39.50					
	40		3.10	5.30	7.90	11.05	14.80	19.20	24.30	30.50	37.00					
	45		2.44	4.55	7.05	10.00	13.55	17.70	22.50	28.20	34.50					
	50			3.85	6.20	9.00	12.35	16.20	20.80	26.20	32.50					
	55			3.20	5.45	8.05	11.20	14.85	19.20	24.20	30.00					
	60															
	62															
D9RS-1500	30						15.60	20.30	25.80	32.00	39.50	48.00	58.00	62.50	69.50	75.50
	35						14.35	18.90	24.10	30.50	37.50	45.50	55.00	59.00	66.00	71.50
	40						13.05	17.40	22.40	28.30	35.00	43.00	52.00	56.00	62.00	68.00
	45							15.90	20.70	26.30	33.00	40.50	49.00	52.50	58.50	64.00
	50							14.45	19.00	24.40	30.50	37.50	46.00	49.50	55.00	60.00
	55								17.30	22.40	28.20	35.00	42.50	46.00	51.50	56.50
	60								15.70	20.50	26.00	32.50	39.50	42.50	48.00	52.50
	62									19.70	25.00	31.00	38.50	41.50	46.50	50.50
D4SA-2000* D4SA-200X*	30						20.50	26.00	32.50	40.00	49.00	59.00	70.50	76.00	84.00	91.00
	35							24.40	30.50	38.00	46.00	56.00	67.00	72.00	79.50	86.50
	40							22.80	28.70	35.50	43.50	53.00	63.50	68.00	75.50	82.00
	45								26.80	33.50	41.00	49.50	59.50	64.00	71.50	77.50
	50								24.90	31.00	38.50	46.50	56.00	60.50	67.00	73.00
	55									28.90	35.50	43.50	52.50	56.50	62.50	68.50
	60									26.60	33.00	40.50	48.50	52.50	58.50	63.50
	62										32.00	39.00	47.00	51.00	56.50	61.50

*Additional Cooling Required



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 Standard Compressors

KW (60Hz)

	Cond Temp. °C	Cooling Capacity at 20°C suction return temperature														
		Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
D4SH-2500* D4SH-250X*	30						24.50	31.50	39.50	49.50	60.50	73.50	88.50	95.00	105.0	114.5
	35							29.60	37.50	46.50	57.50	69.50	84.00	90.00	100.0	109.0
	40							27.70	35.00	44.00	54.00	66.00	79.50	85.00	94.50	103.0
	45								33.00	41.00	51.00	62.00	74.50	80.50	89.50	97.50
	50								30.50	38.50	47.50	58.00	70.00	75.50	84.00	91.50
	55									36.00	44.50	54.00	65.50	70.50	78.50	85.50
	60									33.00	41.00	50.50	60.50	65.50	72.50	79.50
	62										40.00	48.50	59.00	63.50	70.50	77.00
D6SA-3000* D6SA-300X*	30						26.50	34.50	44.00	55.00	68.00	83.00	100.5	108.0	120.0	130.5
	35							32.50	41.50	52.50	65.00	79.00	95.50	103.0	114.5	125.0
	40							30.50	39.50	49.50	61.50	75.00	90.50	97.50	108.5	118.5
	45								37.00	46.50	57.50	70.50	85.50	92.00	102.5	111.5
	50								34.50	43.50	54.00	66.00	80.00	86.00	96.00	104.5
	55									40.50	50.00	61.50	74.00	80.00	89.00	97.00
	60									37.00	46.00	56.50	68.00	73.50	81.50	89.00
	62										44.50	54.50	65.50	70.50	78.50	85.50
D4SJ-3000* D4SJ-300X*	30						28.20	36.50	46.50	58.00	71.50	87.00	105.0	113.0	125.5	136.5
	35							34.00	43.50	54.50	67.50	82.50	99.50	107.0	119.0	129.5
	40							31.50	40.50	51.50	63.50	77.50	94.00	101.0	112.5	123.0
	45								38.00	48.00	59.50	73.00	88.50	95.00	106.0	115.5
	50								35.00	44.50	55.50	68.00	82.50	89.00	99.50	108.5
	55									41.00	51.50	63.50	77.00	83.00	92.50	101.0
	60									38.00	47.50	58.50	71.00	76.50	85.50	93.50
	62										46.00	56.50	68.50	74.00	83.00	90.50
D6SH-3500* D6SH-350X*	30						37.00	47.00	58.50	72.00	88.00	106.0	127.0	136.5	151.0	164.0
	35							44.00	55.00	68.00	83.00	100.5	120.5	129.0	143.0	155.5
	40							41.00	51.50	63.50	78.00	94.50	113.5	122.0	135.0	147.0
	45								48.00	59.50	73.00	88.50	106.5	114.5	127.0	138.5
	50								44.50	55.50	68.00	83.00	100.0	107.0	119.0	129.5
	55									51.50	63.50	77.00	93.00	100.0	111.0	121.0
	60									47.50	58.50	71.50	86.00	92.50	103.0	112.0
	62										56.50	69.00	83.50	89.50	99.50	108.5
D6SJ-4000* D6SJ-400X*	30						41.50	54.00	68.00	85.00	104.5	127.0	153.0	164.5	182.5	198.5
	35							50.00	63.50	79.50	98.50	120.0	144.5	155.5	173.0	188.5
	40							46.00	59.50	74.50	92.50	113.0	136.5	146.5	163.5	178.0
	45								55.00	69.50	86.00	105.5	128.0	138.0	153.5	168.0
	50								50.50	64.00	80.00	98.50	119.5	129.0	144.0	157.5
	55									59.00	74.00	91.50	111.5	120.0	134.5	147.0
	60									54.00	68.00	84.50	103.0	111.5	124.5	136.5
	62										66.00	81.50	100.0	108.0	120.5	132.0

*Additional Cooling Required



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 Standard Compressors

KW (60Hz)

	Cond Temp. °C	Cooling Capacity at 20°C suction return temperature														
		Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
D8SH-5000 D8SH-500X	30								82.50	103.5	127.5	155.0	187.0	201.0	223.5	244.0
	35								77.00	97.00	120.0	146.0	176.5	190.0	211.5	230.5
	40								72.00	91.00	112.5	137.5	166.5	179.0	199.5	217.5
	45								67.00	85.00	105.5	129.0	156.5	168.5	187.5	204.5
	50								79.50	99.00	121.0	146.5	158.0	176.0	192.0	
	55								74.50	92.50	113.5	137.5	148.0	165.0	180.0	
	60									87.00	106.5	128.5	138.5	154.5	168.5	
	62								84.50	103.5	125.5	135.0	150.5	164.0		
D6SK-5000	30					49.50	64.00	81.00	101.0	124.5	152.0	183.5	197.5	220.0	240.0	
	35					60.00	76.50	95.50	118.0	144.0	174.0	187.0	208.5	227.0		
	40						72.00	90.00	111.0	135.5	164.0	176.5	196.5	214.5		
	45						67.00	84.00	104.0	127.0	153.5	165.5	184.0	201.0		
	50							78.50	97.00	118.5	143.0	154.0	171.5	187.5		
	55								89.50	109.5	132.5	142.5	159.0	173.5		
	60								82.50	101.0	122.0	131.0	146.0	159.5		
	62								80.00	97.50	117.5	126.5	141.0	154.0		
D8SJ-6000 D8SJ-600X	30								99.00	123.5	152.5	185.5	223.5	240.5	267.5	291.5
	35								92.50	116.0	143.5	175.0	211.0	227.0	253.0	275.5
	40								86.00	108.5	134.5	164.5	199.0	214.0	238.5	260.0
	45								80.00	101.5	126.0	154.5	187.0	201.5	224.0	245.0
	50								95.00	118.0	145.0	175.5	189.0	210.5	230.0	
	55								89.00	110.5	135.5	164.5	177.0	197.5	215.5	
	60									104.0	127.0	154.0	166.0	184.5	201.5	
	62								101.0	124.0	150.0	161.5	180.0	196.5		
D8SK-7000 D8SK-700X	30								137.5	170.0	208.0	253.0	272.5	305.0	334.0	
	35								129.5	160.0	196.5	239.0	258.0	288.5	316.0	
	40									150.5	185.0	225.0	243.0	272.0	298.5	
	45									141.5	173.5	211.5	228.5	256.5	281.5	
	50								132.5	163.0	198.5	214.5	240.5	264.5		
	55									152.0	185.5	201.0	225.5	247.5		
	60									141.5	173.0	187.0	210.0	231.0		
	62								137.5	168.0	182.0	204.5	224.5			



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