

R404A Discus

Semi-Hermetic Air-Cooled Condensing Units

KW (60Hz)

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
R7-2DC-50X-EWK*	27	1.86	2.90	4.15	5.60	7.25	9.10	11.15	13.45	15.90	18.60	19.80			
	32	1.38	2.40	3.60	4.95	6.50	8.25	10.15	12.25	14.55	17.10	18.10			
	38		1.82	2.95	4.20	5.60	7.20	8.95	10.85	12.90	15.20	16.10			
	43		1.37	2.41	3.60	4.90	6.35	7.90	9.65	11.55					
	46			2.11	3.25	4.45	5.85	7.30	8.95						
V9-2DB-75X-EWK*	27	5.05	6.70	8.65	10.90	13.40	16.30	19.40	22.80	26.50	30.50	32.00			
	32	4.40	6.00	7.85	9.95	12.35	14.95	17.90	21.00	24.40	28.00	29.50			
	38		5.20	6.95	8.85	11.00	13.40	16.00	18.80	21.80	25.10				
	43		4.55	6.15	7.90	9.90	12.05	14.40							
	46		4.10	5.65	7.35	9.20	11.20								
S9-3DA-50X-EWK*	27	5.55	7.20	9.15	11.30	13.65									
	32		6.50	8.30	10.30	12.50									
	38			7.30	9.10	11.10									
	43			6.55	8.15	10.00									
	46				7.60										
V6-3DA-75X-EWK*	27	5.40	7.35	9.65	12.25	15.20	18.50	22.20	26.20	30.50	35.00	37.00			
	32	4.75	6.65	8.80	11.25	14.00	17.00	20.40	24.10	28.10	32.50	34.00			
	38		5.85	7.80	10.05	12.55	15.30	18.30	21.70	25.30	29.20	31.00			
	43		5.15	7.00	9.05	11.35	13.85	16.60	19.70						
	46		4.75	6.55	8.50	10.65	13.00								
S9-3DC-75X-EWK*	27	6.50	8.45	10.65	13.10	15.80									
	32		7.65	9.70	11.95	14.50									
	38			8.55	10.60	12.90									
	43			7.60	9.50	11.60									
	46														
W9-3DC-100X-EWK*	27	6.90	9.20	11.85	14.90	18.40	22.30	26.60	31.50	36.50	42.00	44.50			
	32	6.20	8.35	10.85	13.70	16.90	20.50	24.50	28.90	33.50	39.00	41.00			
	38		7.40	9.70	12.25	15.20	18.40	22.00	25.90	30.00	35.00	37.00			
	43		6.60	8.75	11.10	13.75	16.70	19.90	23.50						
	46		6.15	8.20	10.40	12.90	15.70								
V6-3DS-100X-EWK*	27	9.35	12.00	14.95	18.30	22.00									
	32		10.95	13.75	16.80	20.30									
	38			12.30	15.10	18.20									
	43			11.10	13.65	16.50									
	46				12.80										

* EWK = Voltage 380-420/3/60Hz. Other Voltages are available on request.



Emerson Climate Technologies

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KW (60Hz)

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			Evaporating Temperature °C												
			-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10
W9-3DS-150X-EWK*	2	27	9.80	12.70	16.00	19.80	24.00	28.60	33.50	39.00	45.00	51.00	53.50		
		32	8.95	11.65	14.75	18.20	22.10	26.30	31.00	36.00	41.00	46.50	49.00		
		38		10.40	13.20	16.30	19.70	23.40	27.50	32.00	36.50				
		43		9.30	11.85	14.65	17.70	21.00							
		46		8.65	11.05	13.65	16.50								
		49													
Z9-3DS-150X-EWK*	4	27	10.10	13.15	16.70	20.80	25.50	31.00	36.50	43.00	50.50	58.00	61.00		
		32	9.25	12.15	15.50	19.30	23.60	28.40	34.00	40.00	46.50	53.50	56.50		
		38		10.85	13.90	17.30	21.20	25.50	30.50	35.50	41.50	48.00	50.50		
		43		9.75	12.50	15.60	19.10	23.00	27.30	32.00	37.50	43.00			
		46		9.05	11.70	14.60	17.90	21.50	25.50	30.00					
		49			10.85	13.55	16.60								
Z9-4DA-200X-EWK*	4	27		13.45	17.50	22.20	27.60	33.50	40.50	48.00	56.00	65.00	68.50		
		32		12.00	15.90	20.30	25.30	31.00	37.00	44.00	51.50	60.00	63.50		
		38			13.95	18.00	22.60	27.70	33.50	39.50	46.50	54.00	57.00		
		43			12.30	16.10	20.30	25.00	30.00	36.00	42.00				
		46			11.30	14.90	18.90	23.40	28.30						
		49			10.35	13.75	17.50								
Z9-4DL-150X-EWK*	4	27	14.05	18.10	22.80	28.10	34.00	40.50							
		32		16.50	20.80	25.70	31.50	37.50							
		38		14.55	18.50	22.90	28.00	33.50							
		43			16.50	20.60	25.30								
		46			15.40	19.30	23.60								
		49													
Z9-4DH-250X-EWK*	4	27		16.70	21.60	27.30	33.50	41.00	49.00	57.50	66.50	76.50	80.50		
		32			19.70	25.00	31.00	37.50	45.00	53.00	61.50	70.50	74.50		
		38			17.30	22.20	27.60	33.50	40.50	47.50	55.50				
		43			15.30	19.80	24.80	30.50	36.50						
		46			14.15	18.40	23.20								
		49			12.95	17.00									
W99-4DH-250X-EWK ⁽¹⁾	4	27		17.00	22.20	28.10	35.00	42.50	51.00	60.00	70.50	81.50	86.00		
		32		15.30	20.20	25.70	32.00	39.00	47.00	55.50	65.00	75.50	79.50		
		38			17.70	22.80	28.60	35.00	42.00	50.00	58.50	68.00	72.00		
		43			15.70	20.50	25.80	31.50	38.00	45.50					
		46			14.55	19.00	24.00	29.60	36.00						
		49			13.35	17.60	22.30								
Z9-4DT-220X-EWK*	4	27	16.60	21.10	26.30	32.00	38.50	45.50							
		32		19.10	23.80	29.20	35.00	41.50							
		38			20.90	25.70	31.00								
		43			18.60	22.90	27.80								
		46				21.20	25.80								
		49													

* EWK = Voltage 380-420/3/60Hz. Other Voltages are available on request.



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		-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
(1) W99-4DJ-300X-EWK [†]	4	27		21.70	27.10	33.50	40.50	48.00	56.50	66.00	76.00	87.00	91.50		
	32			24.80	30.50	37.00	44.00	52.00	60.50	70.00	80.00	84.00			
	38			22.00	27.20	33.00	39.50	46.50	54.50	62.50	71.50				
	43			19.70	24.40	29.70	35.50	42.00	49.00						
	46			18.20	22.80	27.70	33.00								
		49		16.80											
(1) W99-6DH-350X-EWK	4	27		26.70	33.50	41.50	50.00	59.50	69.50	81.00	92.50	105.0	110.5		
	32			30.50	38.00	46.00	54.50	64.00	74.50	85.00	96.50	101.5			
	38			27.20	34.00	41.00	49.00	57.50	66.50						
	43			24.30	30.50	37.00	44.00								
	46			22.60	28.30										
		49													
(1) W99-6DJ-400X-EWK [†]	4	27		31.00	38.50	47.00	56.50	67.00	77.50	89.50	101.5	114.0	119.0		
	32			35.00	43.00	52.00	61.00	71.00	82.00	93.00					
	38			31.00	38.50	46.00	54.50	63.50							
	43			27.60	34.00	41.50									
	46			25.50											
		49													
Z9-6DL-270X-EWK*	4	27		20.20	25.50	31.50	38.50	46.00	54.00						
	32			23.10	28.70	35.00	42.00	49.50							
	38				25.30	31.00	37.00	44.00							
	43				22.50	27.60	33.00								
	46														
		49													
Z9-6DT-300X-EWK*	4	27		23.40	29.50	36.50	44.00	52.50	61.50						
	32			26.90	33.00	40.50	48.00	56.00							
	38				29.40	36.00	42.50	50.00							
	43					32.00									
	46														
		49													

* EWK = Voltage 380-420/3/60Hz. Other Voltages are available on request.

* Delivered separately in two parts.



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