

R22 Discus

Discus Semi-Hermetic 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
P8-2DC-50X	27					4.10	5.35	6.8	8.45	10.30	12.35	14.55	15.50	17.00	18.20
	32					3.65	4.9	6.3	7.85	9.65	11.55	13.70	14.60	16.00	17.20
	38						4.35	5.65	7.15	8.85	10.65	12.65	13.50	14.80	15.90
	43						3.85	5.15	6.55	8.15	9.90	11.80	12.55		
	46							4.85	6.2	7.75	9.45				
	49							4.55	5.90	7.35					
R7-2DD-500 R7-2DD-50X	27					4.95	6.50	8.20	10.20	12.40	14.85	17.50	18.70	20.50	22.00
	32					4.50	5.95	7.60	9.50	11.60	13.95	16.50	17.60	19.30	20.80
	38						5.35	6.90	8.70	10.70	12.90	15.30	16.30	17.90	19.30
	43						4.85	6.35	8.05	9.90	12.00	14.30	15.30	16.80	18.10
	46							6.00	7.65	9.45	11.50	13.70	14.65		
	49							5.65	7.25	9.00	11.00				
R7-2DL-750 R7-2DL-75X	27					6.10	7.90	9.95	12.25	14.85	17.70	20.80	22.10	24.20	25.90
	32					5.60	7.30	9.30	11.50	14.00	16.70	19.70	20.90	22.90	24.50
	38						6.65	8.55	10.65	13.00	15.60	18.30	19.50	21.30	22.90
	43							7.95	9.95	12.20	14.60	17.30			
	46							7.60	9.55	11.70	14.05				
	49							7.25	9.15						
P8-2DB-500 DC	27	2.25	3.20	4.45	5.85	7.50	9.25	11.25	13.40						
	32	2.01	2.90	4.05	5.45	7.00	8.70	10.55	12.60						
	38	1.70	2.55	3.65	4.90	6.40	8.00	9.80							
	43	1.42	2.22	3.25	4.45	5.85									
	46		2.01	3.00	4.20	5.55									
	49		1.80	2.75											
S9-2DB-750 S9-2DB-75X	27					8.00	10.05	12.40	15.10	18.00	21.30	24.90	26.40	28.70	31.00
	32					7.45	9.40	11.65	14.20	17.00	20.10	23.50	24.90	27.20	29.10
	38						8.65	10.80	13.20	15.80	18.70	21.90	23.20	25.30	27.10
	43							10.10	12.35	14.85	17.60	20.60	21.80		
	46							9.65	11.85	14.25	16.90				
	49							9.25	11.35	13.70					
P8-3DA-500 DC	27	2.72	3.75	4.95	6.40	8.05	9.95								
	32	2.41	3.40	4.55	5.90	7.45	9.25								
	38	2.03	2.95	4.05	5.30	6.80	8.50								
	43	1.72	2.58	3.60	4.80	6.20									
	46		2.37	3.35	4.55										
	49		2.16	3.10											
S9-3DA-750 S9-3DA-75X	27					8.75	11.20	13.95	17.00	20.40	24.10	28.10	29.80	32.50	34.50
	32					8.10	10.40	13.05	16.00	19.20	22.70	26.50	28.10	30.50	32.50
	38						9.50	12.00	14.75	17.80	21.10	24.60	26.10	28.40	
	43							11.20	13.80	16.70	19.80				
	46							10.70	13.25	16.00					
	49							10.25	12.70						
R7-3DC-750 DC	27	3.30	4.60	6.15	7.90	9.90	12.10								
	32	2.95	4.20	5.65	7.30	9.25	11.35								
	38	2.52	3.65	5.05	6.60	8.40	10.40								
	43	2.16	3.25	4.55	6.05	7.75	9.65								
	46		3.00	4.25	5.70	7.35									
	49		2.76	3.95											



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			Evaporating Temperature °C																
			-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5			
V6-3DC-1000 V6-3DC-100X	2	27						11.00	14	17.4	21.3	25.60	30.50	35.50	38.00	41.50	44.50		
		32						10.20	13.05	16.3	20	24.10	28.60	33.50	35.50	39.00	42.00		
		38						11.95	15	18.5	22.30	26.50	31.00	33.00	36.00	39.00			
		43						11.1	14	17.2	20.90	24.80	29.20	31.00	34.00	36.50			
		46							13.4	16.5	20.00	23.90	28.00	29.80					
	49							12.80	15.80	19.20	22.90								
S9-3DS-1000 DC	2	27	4.60	6.30	8.30	10.70	13.60	17.00											
		32	4.15	5.70	7.60	9.85	12.60	15.90											
		38	3.60	5.00	6.80	8.90	11.45	14.55											
		43	3.15	4.50	6.15	8.15	10.55												
		46		4.20	5.80	7.70													
	49		3.90	5.40															
V6-3DS-1500 V6-3DS-150X	2	27						14.80	18.40	22.60	27.10	32.00	38.00	44.00	46.50	50.50	53.50		
		32						13.90	17.40	21.30	25.60	30.50	35.50	41.50	44.00	47.50	50.50		
		38							16.10	19.70	23.80	28.30	33.50	38.50	40.50	44.00	47.00		
		43								18.50	22.40	26.60	31.00						
		46								17.80	21.50	25.60							
	49								17.10	20.70									
W9-3DS-1500 W9-3DS-150X	2	27						15.00	18.70	22.90	27.70	33.00	39.00	45.00	48.00	52.00	55.50		
		32						14.10	17.60	21.60	26.10	31.00	36.50	42.50	45.00	49.00	52.50		
		38							16.30	20.10	24.30	29.00	34.00	39.50	42.00	45.50	49.00		
		43								18.80	22.80	27.20	32.00	37.50	39.50				
		46								18.10	22.00	26.20	31.00						
	49								17.40	21.10	25.20								
V6-4DF-1000 DC	2	27	5.05	7.05	9.40	12.15	15.40	19.00											
		32	4.50	6.40	8.65	11.30	14.35	17.80											
		38	3.75	5.55	7.70	10.15	13.00	16.20											
		43	3.05	4.75	6.80	9.15	11.80	14.80											
		46		4.25	6.20	8.45	11.05	13.90											
	49		3.75	5.65	7.80	10.25													
W9-4DA-2000	2	27						16.90	21.10	25.80	31.00	37.00	43.50	50.00	53.00	57.50	61.50		
		32						15.70	19.70	24.20	29.20	34.50	41.00	47.50	50.00	54.50	58.00		
		38							18.00	22.30	27.00	32.00	38.00	44.00	46.50	50.50	54.00		
		43								20.70	25.10	30.00	35.50	41.00					
		46								19.70	24.00	28.70							
	49								18.70	22.90									
Z9-4DA-2000 Z9-4DA-200X	4	27						17.60	22.10	27.10	33.00	39.50	47.00	55.00	58.50	64.00	68.50		
		32						16.40	20.70	25.50	31.00	37.50	44.00	52.00	55.50	60.50	65.00		
		38							19.00	23.60	28.80	34.50	41.00	48.50	51.50	56.50	60.50		
		43							17.60	21.90	26.90	32.50	38.50	45.50	48.50	53.00	57.00		
		46								21.00	25.70	31.00	37.00	43.50	46.50	51.00	54.50		
	49								20.00	24.60	29.70	35.50	42.00	44.50					
V6-4DL-1500 DC	2	27	7.55	10.10	13.10	16.50	20.50	24.90											
		32	6.85	9.30	12.15	15.50	19.20	23.50											
		38	5.95	8.25	10.95	14.10	17.70	21.70											
		43	5.15	7.35	9.95	12.95	16.40	20.20											
		46		6.80	9.30	12.20	15.50												
	49		6.20	8.65															



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			-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5	
Z9-4DH-2500 Z9-4DH-250X	4	27					22.20	27.5	33.5	40.5	48.00	56.50	66.00	70.00	76.50	82.00	
		32					20.80	25.9	31.5	38	45.50	53.50	62.50	66.50	72.50	77.50	
		38						23.9	29.4	35.5	42.50	50.00	58.50	62.00	67.50	72.00	
		43							27.4	33.5	40.00	47.00	54.50	58.00	63.00	67.50	
		46							26.3	32	38.00	45.00	52.50	55.50			
	49							25.10	30.50	36.50	43.00						
W9-4DT-2200 DC	2	27	9.20	12.25	15.80	19.80	24.20	29.10									
		32	8.25	11.20	14.60	18.50	22.70	27.30									
		38	7.10	9.90	13.15	16.80	20.80	25.20									
		43	6.10	8.80	11.90	15.40	19.20	23.40									
		46		8.10	11.10	14.50	18.20										
	49		7.40	10.35													
Z9-4DJ-3000 Z9-4DJ-300X	4	27					26.20	32.00	39.00	46.50	55.00	64.00	74.00	78.50	85.00	90.50	
		32					24.60	30.50	36.50	44.00	51.50	60.50	70.00	74.00	80.00	85.00	
		38						28.00	34.00	40.50	48.00	56.00	64.50	68.50	74.00	79.00	
		43							31.50	38.00	45.00	52.50	60.50	64.00			
		46							30.50	36.50	43.00	50.00					
	49							29.00	34.50								
W99-6DH-3500 W99-6DH-350X	4	27					32.50	40.50	49.00	59.00	70.00	82.00	95.50	101.0	109.5	117.0	
		32					30.50	38.00	46.00	55.50	66.00	77.50	90.00	95.00	103.5	110.5	
		38						35.00	42.50	51.50	61.50	72.00	83.50	88.50	96.00	102.5	
		43							40.00	48.00	57.50	67.50	78.00				
		46							38.00	46.00	55.00	64.50					
	49							36.50	44.00								
Z9-6DL-2700 DC	4	27	5.65	8.80	12.65	17.20	22.30	27.70	33.50								
		32	4.75	7.75	11.50	15.90	20.70	26.10	31.50								
		38		6.55	10.10	14.25	18.90	24.00	29.30								
		43		5.50	8.90	12.90	17.40	22.30	27.40								
		46			8.15	12.05	16.50	21.20	26.20								
	49			7.45	11.25	15.50											
W99-6DJ-4000 W99-6DJ-400X	4	27					37.00	46.00	56.00	67.00	79.00	92.50	106.5	112.5	121.5	129.5	
		32						43.00	52.50	63.00	74.50	87.00	100.0	106.0	114.5	121.5	
		38						39.00	48.00	58.00	68.50	80.00	92.50	97.50			
		43							44.50	53.50	63.50	74.50					
		46							42.50	51.00	61.00						
	49								48.50								
Z9-6DT-3000 DC	4	27	12.40	16.50	21.20	26.70	33.00	40.00									
		32	11.15	15.10	19.60	24.80	31.00	37.50									
		38	9.60	13.40	17.70	22.60	28.30	34.50									
		43	8.25	11.95	16.10	20.80	26.20	32.50									
		46		11.10	15.10	19.70	25.00										
	49		10.20	14.20	18.70												



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