



Hassounah Refrigeration حسونة للتبريد

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HRCCOMPANY

Product Selection Catalogue / Catalogue de Sélection / Produktauswahl

Copeland Discus Series - State Of The Art Semi-Hermetic Piston Technology

Semi-Hermetic Compressors - 60Hz



EMERSON
Climate Technologies

Discus - R404A

60 Hz

Compressor	Cond./ Temp °C	Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
		4MF-13X	Q	35	6.53	10.35	14.00	18.35	23.50	29.60	36.70	44.90	54.30			
40	4.63			8.23	12.55	16.55	21.30	26.90	33.50	41.10	49.80					
45	3.77			7.11	11.20	14.80	19.15	24.30	30.30	37.30	45.30					
50				5.02	8.52	13.10	17.00	21.60	27.10	33.50	40.80					
55				4.02	7.17	11.40	14.85	19.00	23.90	29.60	36.40					
P	35		6.06	7.41	8.77	10.10	11.40	12.60	13.70	14.70	15.50					
	40		5.99	7.44	8.91	10.40	11.80	13.20	14.50	15.65	16.65					
	45		5.87	7.41	9.00	10.60	12.20	13.70	15.20	16.55	17.80					
	50			7.35	9.04	10.75	12.50	14.20	15.80	17.40	18.85					
	55			7.24	9.03	10.85	12.75	14.60	16.40	18.15	19.80					
4MA-22X	Q	35	9.86	14.05	18.80	24.30	30.60	37.90	46.30	55.90	66.80	79.30	84.70			
		40	7.30	12.35	16.85	22.00	27.90	34.60	42.40	51.40	61.50	73.10	78.20			
		45		10.65	14.90	19.70	25.20	31.40	38.60	46.90	56.30	67.00	71.70			
		50		7.67	12.95	17.45	22.50	28.20	34.80	42.40	51.10	61.00	65.30			
		55			11.05	15.15	19.80	25.10	31.10	38.00	45.90	55.00	59.00			
	P	35		7.21	8.71	10.10	11.45	12.60	13.65	14.55	15.20	15.70	15.95	16.00		
		40		7.05	8.72	10.30	11.80	13.20	14.45	15.50	16.45	17.15	17.65	17.80		
		45			8.64	10.40	12.10	13.70	15.15	16.45	17.60	18.55	19.30	19.55		
		50			8.47	10.45	12.35	14.10	15.80	17.35	18.70	19.90	20.90	21.30		
		55				10.35	12.45	14.45	16.35	18.15	19.75	21.20	22.50	22.90		
4ML-15X	Q	35	8.32	12.90	17.30	22.50	28.60	35.80	44.20	53.80	64.90					
		40	6.09	10.50	15.70	20.50	26.20	32.90	40.60	49.60	59.90					
		45	4.95	9.16	14.15	18.60	23.80	29.90	37.10	45.30	54.80					
		50		6.62	11.05	16.60	21.40	27.00	33.50	41.10	49.80					
		55		5.25	9.35	14.60	18.95	24.00	29.90	36.80	44.70					
	P	35	7.51	9.02	10.60	12.25	13.80	15.30	16.65	17.80	18.60					
		40	7.57	9.14	10.85	12.55	14.30	16.00	17.55	18.90	20.00					
		45	7.62	9.23	11.00	12.85	14.75	16.60	18.35	19.95	21.30					
		50		9.31	11.15	13.10	15.10	17.10	19.05	20.90	22.50					
		55		9.36	11.25	13.30	15.40	17.55	19.70	21.70	23.60					
4MH-25X	Q	35		11.75	16.35	21.70	28.00	35.40	44.00	54.00	65.50	78.70	93.70	100.00		
		40		9.10	14.60	19.65	25.50	32.40	40.40	49.70	60.50	72.80	86.90	93.00		
		45			12.85	17.55	23.00	29.30	36.80	45.40	55.30	66.80	79.90	85.60		
		50			9.56	15.40	20.40	26.20	33.00	40.90	50.10	60.70	72.80	78.20		
		55				13.25	17.80	23.10	29.20	36.50	44.80	54.50	65.70	70.60		
	P	35		8.68	10.30	11.90	13.45	14.90	16.25	17.35	18.20	18.75	18.95	18.95		
		40		8.57	10.35	12.10	13.85	15.55	17.10	18.45	19.60	20.40	21.00	21.10		
		45			10.30	12.25	14.20	16.10	17.85	19.50	20.90	22.10	22.90	23.20		
		50			10.20	12.30	14.45	16.55	18.60	20.50	22.20	23.60	24.80	25.20		
		55				12.30	14.65	17.00	19.25	21.40	23.40	25.10	26.60	27.10		
4MM-20X	Q	35	9.64	14.75	19.60	25.30	32.00	39.80	48.80	59.10	71.00					
		40	7.16	12.05	17.80	23.10	29.30	36.40	44.80	54.40	65.30					
		45	5.85	10.50	15.95	20.80	26.50	33.10	40.70	49.50	59.60					
		50		7.68	12.50	18.55	23.70	29.70	36.60	44.70	53.90					
		55		6.11	10.60	16.25	20.90	26.30	32.50	39.70	48.10					
	P	35	8.50	10.15	11.85	13.50	15.10	16.60	17.95	19.15	20.20					
		40	8.49	10.30	12.10	13.95	15.75	17.45	19.05	20.50	21.80					
		45	8.38	10.35	12.30	14.35	16.30	18.25	20.10	21.80	23.30					
		50		10.25	12.45	14.60	16.80	18.95	21.00	23.00	24.80					
		55		10.10	12.45	14.80	17.20	19.55	21.90	24.10	26.20					
4MI-30X	Q	35	13.55	19.00	25.10	32.10	40.10	49.30	59.80	71.80	85.50	101.00	108.00			
		40	10.45	17.00	22.80	29.40	36.90	45.40	55.20	66.40	79.20	93.80	100.00			
		45		14.90	20.40	26.50	33.50	41.40	50.50	60.80	72.70	86.20	92.10			
		50			11.15	17.90	23.60	30.00	37.30	45.60	55.10	66.00	78.50	83.90		
		55				15.40	20.60	26.50	33.10	40.60	49.30	59.20	70.60	75.60		
	P	35	9.71	11.65	13.40	15.05	16.55	17.90	19.05	20.00	20.80	21.30	21.50			
		40	9.55	11.70	13.75	15.65	17.40	18.95	20.40	21.60	22.60	23.40	23.60			
		45		11.65	14.00	16.15	18.15	19.95	21.60	23.10	24.40	25.40	25.80			
		50			11.45	14.05	16.50	18.80	20.90	22.80	24.60	26.10	27.40	27.90		
		55				14.00	16.75	19.35	21.70	24.00	26.00	27.80	29.40	30.00		

Operating Conditions 20°C Suction Gas Return

	0 °C Suction Gas Return
	20 K Superheat

Discus - R404A

60 Hz

Compressor	Cond./ Temp °C	Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
		4MT-22X	Q	35	11.15	16.65	22.00	28.30	35.80	44.50	54.70	66.40	79.90			
40	8.43			13.70	20.00	25.90	32.80	40.90	50.40	61.40	74.00					
45	7.00			12.00	17.95	23.40	29.70	37.30	46.00	56.20	68.00					
50				8.85	14.10	20.80	26.70	33.50	41.60	51.00	61.80					
55				7.13	11.95	18.25	23.50	29.70	37.00	45.60	55.60					
P	35		9.62	11.50	13.40	15.30	17.20	18.95	20.50	21.90	23.10					
	40		9.63	11.65	13.70	15.80	17.90	19.85	21.70	23.40	24.80					
	45		9.56	11.70	13.95	16.20	18.50	20.70	22.80	24.70	26.50					
	50			11.65	14.05	16.50	19.00	21.40	23.80	26.00	28.00					
	55			11.55	14.05	16.70	19.40	22.00	24.60	27.10	29.40					
4MJ-33X	Q	35		15.50	21.20	27.80	35.60	44.60	55.20	67.30	81.40	97.40	115.50	123.50		
		40		12.35	19.10	25.30	32.40	40.80	50.50	61.80	74.80	89.70	106.50	114.00		
		45			16.95	22.60	29.30	36.90	45.80	56.20	68.10	81.90	97.60	104.50		
		50			13.00	20.00	26.10	33.00	41.10	50.50	61.40	74.00	88.40	94.70		
		55			17.45	22.80	29.10	36.40	44.80	54.60	66.00	79.10	84.90			
	P	35		10.90	12.85	14.80	16.70	18.45	20.10	21.40	22.50	23.30	23.60	23.60		
		40		10.95	13.00	15.15	17.25	19.25	21.10	22.80	24.20	25.40	26.10	26.30		
		45		13.10	15.35	17.65	19.95	22.10	24.10	25.80	27.30	28.40	28.80			
		50			13.10	15.55	18.05	20.50	22.90	25.20	27.30	29.10	30.60	31.10		
		55			15.60	18.30	21.00	23.60	26.20	28.60	30.70	32.60	33.30			
4MU-25X	Q	35	12.10	18.20	24.10	31.10	39.50	49.40	60.90	74.20	89.40					
		40	9.15	14.95	22.00	28.50	36.20	45.40	56.10	68.50	82.80					
		45	7.72	13.15	19.75	25.70	32.80	41.20	51.10	62.60	75.90					
		50		9.73	15.45	22.90	29.30	37.00	46.00	56.50	68.80					
		55		7.92	13.10	20.00	25.70	32.50	40.70	50.30	61.40					
	P	35	10.70	12.85	15.10	17.35	19.55	21.60	23.50	25.20	26.60					
		40	10.75	13.05	15.40	17.85	20.30	22.60	24.70	26.70	28.40					
		45	10.70	13.10	15.65	18.20	20.80	23.40	25.80	28.10	30.10					
		50		13.05	15.70	18.45	21.20	24.00	26.70	29.20	31.60					
		55		12.90	15.65	18.55	21.50	24.50	27.40	30.20	32.80					
4MK-35X	Q	35		17.60	23.80	31.20	39.80	50.00	61.80	75.60	91.40	109.50	130.00	139.00		
		40		14.10	21.50	28.30	36.40	45.70	56.70	69.50	84.20	101.00	120.50	128.50		
		45			19.15	25.40	32.80	41.40	51.40	63.20	76.70	92.30	110.00	118.00		
		50			14.70	22.50	29.10	36.90	46.00	56.70	69.10	83.40	99.80	107.00		
		55			19.45	25.40	32.30	40.50	50.10	61.30	74.30	89.20	95.80			
	P	35		12.70	14.80	17.00	19.15	21.20	23.20	24.90	26.40	27.50	28.20	28.40		
		40		12.90	15.10	17.45	19.85	22.20	24.40	26.40	28.20	29.70	30.80	31.10		
		45			15.35	17.85	20.40	23.00	25.40	27.80	29.90	31.70	33.20	33.70		
		50			15.50	18.15	20.90	23.60	26.40	29.00	31.40	33.50	35.40	36.00		
		55			18.30	21.20	24.20	27.10	30.00	32.70	35.20	37.40	38.20			
6MM-30X	Q	35	14.85	22.30	29.30	37.70	47.70	59.60	73.60	89.90	109.00					
		40	11.20	18.35	26.80	34.60	43.90	54.80	67.80	82.90	100.50					
		45	9.24	16.15	24.20	31.40	40.00	50.00	61.90	75.80	92.00					
		50		11.85	19.05	28.20	35.90	45.10	55.90	68.60	83.50					
		55		9.41	16.15	24.80	31.80	40.10	49.80	61.40	74.90					
	P	35	13.25	15.80	18.40	20.90	23.40	25.70	27.70	29.50	30.80					
		40	13.20	16.00	18.85	21.70	24.40	27.00	29.40	31.60	33.30					
		45	13.00	16.05	19.15	22.30	25.30	28.30	31.10	33.60	35.80					
		50		15.90	19.30	22.70	26.10	29.40	32.60	35.50	38.10					
		55		15.60	19.25	23.00	26.70	30.40	33.90	37.30	40.30					
6MI-40X	Q	35	20.90	28.50	37.40	47.80	60.00	74.20	90.70	109.50	131.50	156.00	167.00			
		40	16.75	25.80	34.10	43.70	55.10	68.20	83.60	101.00	121.50	144.50	154.50			
		45		23.00	30.70	39.60	50.00	62.20	76.30	92.60	111.50	133.00	142.00			
		50			17.75	27.30	35.50	44.90	56.00	68.90	83.80	101.00	121.00	129.50		
		55			23.90	31.20	39.80	49.70	61.40	74.90	90.60	108.50	116.50			
	P	35	15.10	17.85	20.50	23.00	25.40	27.50	29.40	31.00	32.20	33.00	33.30			
		40	15.25	18.20	21.10	23.90	26.60	29.10	31.30	33.20	34.90	36.10	36.50			
		45		18.50	21.70	24.80	27.80	30.60	33.10	35.40	37.50	39.10	39.60			
		50		18.70	22.20	25.60	28.80	32.00	34.90	37.60	40.00	42.00	42.70			
		55			22.60	26.20	29.80	33.30	36.60	39.60	42.40	44.80	45.70			

0 °C Suction Gas Return
 20 K Superheat

Operating Conditions 20°C Suction Gas Return

Discus - R404A

60 Hz

Compressor	Cond./ Temp °C	Evaporating Temperature °C															
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5	
6MT-35X	Q	35	17.00	25.20	33.10	42.70	54.00	67.50	83.20	101.50	122.50						
		40	12.95	20.80	30.20	39.00	49.50	61.90	76.50	93.50	113.00						
		45	10.95	18.30	27.20	35.20	44.80	56.30	69.70	85.50	103.50						
		50		13.60	21.30	31.40	40.10	50.50	62.80	77.20	94.00						
		55		11.10	18.15	27.50	35.20	44.60	55.70	68.80	84.10						
	P	35	14.70	17.55	20.50	23.40	26.20	28.90	31.30	33.30	34.90						
		40	14.70	17.75	20.90	24.10	27.30	30.30	33.10	35.60	37.70						
		45	14.60	17.85	21.30	24.80	28.30	31.70	34.90	37.90	40.50						
		50		17.90	21.60	25.30	29.20	32.90	36.60	40.00	43.10						
		55		17.85	21.80	25.80	30.00	34.10	38.20	42.00	45.60						
6MJ-45X	Q	35		23.20	31.70	41.70	53.50	67.30	83.40	102.00	123.00	147.50	175.00	187.00			
		40		18.35	28.70	38.20	49.10	61.90	76.70	93.80	113.50	136.00	161.00	172.00			
		45			25.50	34.40	44.60	56.30	69.80	85.40	103.50	124.00	147.00	157.00			
		50			19.30	30.40	39.80	50.40	62.70	76.80	93.00	111.50	132.50	142.00			
		55			26.20	34.70	44.40	55.40	68.00	82.40	98.90	118.00	126.00				
	P	35		16.80	19.75	22.70	25.70	28.50	31.00	33.30	35.10	36.40	37.10	37.30			
		40		16.85	20.10	23.40	26.70	29.90	32.80	35.50	37.70	39.50	40.70	41.00			
		45		20.30	23.90	27.50	31.10	34.40	37.50	40.20	42.50	44.20	44.70				
		50			20.10	24.10	28.10	32.00	35.80	39.30	42.50	45.20	47.40	48.20			
		55			24.00	28.40	32.70	36.90	40.90	44.50	47.70	50.50	51.40				
6MU-40X	Q	35	18.45	27.80	36.70	47.40	60.20	75.30	93.20	114.00	138.00						
		40	13.90	22.90	33.60	43.50	55.30	69.30	85.70	105.00	127.50						
		45	11.60	20.20	30.30	39.40	50.30	63.10	78.30	96.00	116.50						
		50		14.90	23.90	35.30	45.20	56.90	70.70	86.90	106.00						
		55		12.05	20.40	31.20	40.00	50.60	63.10	77.80	95.10						
	P	35	16.55	19.75	23.10	26.30	29.50	32.50	35.30	37.90	40.10						
		40	16.55	20.10	23.60	27.20	30.80	34.20	37.40	40.30	43.00						
		45	16.30	20.10	24.00	28.00	31.80	35.60	39.20	42.60	45.70						
		50		19.95	24.20	28.50	32.70	36.90	40.90	44.80	48.40						
		55		19.50	24.00	28.70	33.30	37.90	42.40	46.70	50.80						
6MK-50X	Q	35		26.10	35.90	47.20	60.30	75.40	93.00	113.50	136.50	163.00	193.00	206.00			
		40		20.50	32.20	42.90	55.10	69.30	85.70	104.50	126.00	151.00	179.00	191.50			
		45			28.50	38.40	49.80	62.90	78.00	95.50	115.50	138.50	165.00	176.50			
		50			21.50	33.80	44.20	56.20	70.10	86.10	104.50	125.50	150.00	160.50			
		55				29.20	38.60	49.40	61.90	76.40	93.20	112.50	134.50	144.50			
	P	35	19.50	23.00	26.30	29.50	32.50	35.30	37.90	40.20	42.40	44.20	44.90				
		40	19.45	23.30	27.00	30.60	34.00	37.20	40.20	43.00	45.60	47.90	48.70				
		45		23.30	27.50	31.50	35.30	39.00	42.40	45.70	48.70	51.40	52.50				
		50		23.10	27.70	32.10	36.40	40.50	44.40	48.10	51.60	54.90	56.10				
		55			27.50	32.40	37.20	41.80	46.20	50.40	54.40	58.10	59.60				

0 °C Suction Gas Return
 20 K Superheat

Operating Conditions 20°C Suction Gas Return

Discus - R134A

60 Hz

Compressor	Cond./ Temp °C	Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
		4MF-13X	Q	35						15.60	20.20	25.80	32.30	40.00	49.00	53.00
40								14.45	18.80	24.00	30.20	37.50	45.90	49.70	55.70	61.20
45								13.30	17.40	22.30	28.10	34.90	42.80	46.40	52.00	57.10
50								12.20	16.05	20.60	26.00	32.30	39.70	43.00	48.30	53.10
55								11.15	14.70	18.90	23.80	29.70	36.50	39.60	44.50	48.90
P	35						6.69	7.50	8.19	8.76	9.18	9.46	9.52	9.56	9.54	
	40						6.95	7.86	8.67	9.38	9.96	10.40	10.55	10.70	10.75	
	45						7.18	8.19	9.12	9.96	10.70	11.30	11.50	11.75	11.95	
	50						7.37	8.48	9.53	10.50	11.40	12.15	12.45	12.80	13.10	
	55						7.53	8.74	9.91	11.00	12.05	13.00	13.35	13.85	14.20	
4MA-22X	Q	55					10.45	14.30	18.90	24.40	30.90	38.70	42.10	47.70	52.80	
		60					12.70	17.00	22.10	28.30	35.50	43.80	44.10	48.90		
		65						15.10	19.90	25.60	32.40	35.40	40.40	44.90		
		70						13.20	17.60	22.80	29.10	32.00	36.60	40.80		
		75						15.30	20.10	25.90	32.50	35.30	40.30	44.50		
P	55						7.27	8.49	9.71	10.90	11.95	12.90	13.25	13.70	14.00	
	60							8.53	9.88	11.20	12.45	13.60	14.00	14.60	15.00	
	65							9.98	11.45	12.85	14.20	14.70	15.40	15.95		
	70								10.00	11.60	13.20	14.70	15.30	16.10	16.75	
	75									11.70	13.45	15.15	15.80	16.75	17.50	
4ML-15X	Q	35						18.90	24.30	30.70	38.30	47.30	57.70	62.20	69.60	76.30
		40						17.65	22.80	28.90	36.00	44.40	54.20	58.60	65.50	71.80
		45						16.35	21.20	27.00	33.70	41.60	50.80	54.90	61.40	67.30
		50						15.10	19.70	25.10	31.40	38.70	47.30	51.10	57.30	62.80
		55						13.80	18.15	23.20	29.00	35.90	43.90	47.40	53.10	58.30
P	35							7.95	8.85	9.67	10.40	10.95	11.35	11.45	11.55	11.60
	40							8.26	9.28	10.25	11.10	11.85	12.40	12.60	12.80	12.95
	45							8.53	9.67	10.75	11.75	12.65	13.45	13.70	14.00	14.25
	50							8.78	10.05	11.25	12.40	13.45	14.40	14.75	15.20	15.50
	55							9.01	10.40	11.75	13.05	14.25	15.35	15.75	16.30	16.75
4MH-25X	Q	55						11.90	16.45	21.80	28.20	35.80	44.70	48.70	55.10	60.90
		60						14.65	19.70	25.70	32.80	41.10	44.90	50.90	56.40	
		65							17.50	23.10	29.70	37.50	41.00	46.70	51.80	
		70							15.30	20.50	26.60	33.90	37.10	42.40	47.20	
		75							17.80	23.50	30.20	38.20	41.30	47.00	52.00	
P	55							8.73	10.15	11.6	12.95	14.25	15.4	15.8	16.35	16.75
	60							10.2	11.8	13.35	14.85	16.2	16.7	17.4	17.9	
	65								11.9	13.65	15.35	16.9	17.5	18.35	19	
	70								11.95	13.85	15.75	17.55	18.2	19.2	19.95	
	75								13.95	16	18.05	18.8	19.95	20.8		
4MM-20X	Q	35						21.00	26.90	33.90	42.10	51.80	63.10	68.10	76.10	83.30
		40						19.60	25.20	31.80	39.60	48.80	59.40	64.10	71.70	78.50
		45						18.25	23.50	29.80	37.10	45.70	55.70	60.10	67.20	73.60
		50						16.85	21.90	27.70	34.60	42.60	51.90	56.00	62.70	68.70
		55						15.45	20.20	25.60	32.00	39.50	48.10	52.00	58.20	63.80
P	35							8.82	9.79	10.70	11.50	12.10	12.55	12.60	12.70	12.65
	40							9.19	10.25	11.30	12.25	13.10	13.70	13.90	14.05	14.15
	45							9.53	10.70	11.90	13.00	14.00	14.80	15.10	15.40	15.60
	50							9.83	11.15	12.45	13.70	14.85	15.90	16.25	16.70	17.05
	55							10.10	11.50	12.95	14.35	15.70	16.90	17.35	17.95	18.40
4MI-30X	Q	55						13.70	18.55	24.30	31.20	39.30	48.90	53.20	60.20	66.50
		60						16.65	22.00	28.50	36.10	45.10	49.10	55.70	61.60	
		65							19.80	25.80	32.80	41.20	45.00	51.10	56.70	
		70							17.55	23.00	29.60	37.40	40.90	46.60	51.70	
		75							20.30	26.30	33.40	41.60	45.10	50.90	56.10	
P	55							9.63	11.15	12.70	14.20	15.60	16.85	17.30	17.95	18.40
	60							11.30	13.00	14.70	16.30	17.75	18.30	19.10	19.65	
	65								13.25	15.10	16.90	18.60	19.25	20.20	20.90	
	70								13.40	15.45	17.45	19.35	20.10	21.10	22.00	
	75								15.65	17.85	20.00	20.80	22.00	23.00		

0 °C Suction Gas Return
 20 K Superheat

Operating Conditions 20°C Suction Gas Return

Discus - R134A

60 Hz

Compressor	Cond./ Temp °C	Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
4MT-22X	Q	35						23.90	30.50	38.40	47.80	58.90	71.90	77.70	86.90	95.30
		40						22.50	28.70	36.10	45.00	55.40	67.50	72.90	81.60	89.50
		45						21.10	26.90	33.90	42.10	51.80	63.20	68.20	76.40	83.70
		50						19.70	25.20	31.60	39.30	48.30	58.80	63.50	71.10	77.90
		55						18.40	23.50	29.50	36.50	44.80	54.50	58.80	65.80	72.10
	P	35						10.00	11.15	12.20	13.10	13.80	14.30	14.40	14.50	14.45
		40						10.45	11.70	12.85	13.95	14.90	15.65	15.90	16.15	16.25
		45						10.90	12.20	13.55	14.80	15.95	16.95	17.25	17.70	17.95
		50						11.30	12.75	14.15	15.60	16.95	18.15	18.55	19.15	19.55
		55						11.75	13.25	14.80	16.35	17.85	19.30	19.80	20.50	21.10
4MJ-33X	Q	55					15.45	20.80	27.20	34.80	43.90	54.50	59.30	67.00	74.00	
		60					18.70	24.70	31.80	40.30	50.30	54.80	62.00	68.60		
		65					22.20	28.80	36.70	46.00	56.00	50.20	57.00	63.10		
		70					19.65	25.80	33.00	41.70	51.70	45.60	51.90	57.60		
		75					22.70	29.40	37.30	47.30	57.30	40.90	46.80	52.10		
	P	55					11.00	12.65	14.30	15.85	17.35	18.75	19.25	19.95	20.50	
		60					12.85	14.65	16.40	18.10	19.70	20.30	21.20	21.90		
		65					14.95	16.90	18.80	20.60	21.30	22.40	23.20			
		70					15.20	17.30	19.45	21.50	22.30	23.40	24.40			
		75					17.70	20.00	22.30	23.20	24.50	25.50				
4MU-25X	Q	35					26.10	33.60	42.50	53.10	65.50	80.00	86.40	96.80	106.00	
		40					24.40	31.50	40.00	49.90	61.60	75.30	81.40	91.10	99.90	
		45					22.70	29.50	37.40	46.70	57.70	70.60	76.20	85.40	93.70	
		50					21.00	27.30	34.80	43.50	53.80	65.80	71.10	79.70	87.40	
		55					19.25	25.20	32.20	40.30	49.80	60.90	65.90	73.80	81.10	
	P	35					11.30	12.65	13.85	14.95	15.90	16.75	17.05	17.50	17.85	
		40					11.75	13.25	14.65	15.90	17.05	18.10	18.45	19.05	19.45	
		45					12.15	13.80	15.35	16.80	18.15	19.40	19.85	20.50	21.10	
		50					12.45	14.30	16.05	17.65	19.20	20.60	21.20	22.00	22.60	
		55					12.75	14.75	16.65	18.50	20.20	21.90	22.50	23.40	24.20	
4MK-35X	Q	55					17.65	23.60	30.60	39.10	49.20	61.20	66.50	75.20	83.00	
		60					21.30	27.90	35.80	45.20	56.40	61.40	69.60	77.00		
		65					25.20	32.50	41.20	51.60	63.60	66.30	73.80	80.80		
		70					22.50	29.20	37.20	46.80	51.10	58.20	64.70			
		75					25.80	33.20	42.00	46.00	52.50	58.40				
	P	55					12.60	14.25	16.10	18.05	20.00	21.80	22.50	23.40	24.00	
		60					14.60	16.55	18.60	20.70	22.80	23.60	24.70	25.60		
		65					16.95	19.15	21.40	23.80	24.70	26.00	27.00			
		70					17.35	19.65	22.10	24.60	25.60	27.10	28.30			
		75					20.10	22.70	25.40	26.50	28.10	29.50				
6MM-30X	Q	35					31.70	40.50	51.10	63.60	78.30	95.40	103.00	115.00	126.00	
		40					29.70	38.10	48.10	59.90	73.70	89.80	96.90	108.50	119.00	
		45					27.70	35.70	45.10	56.10	69.10	84.20	90.90	101.50	111.50	
		50					25.60	33.20	42.00	52.40	64.50	78.60	84.80	94.90	104.00	
		55					23.50	30.70	38.90	48.60	59.80	73.00	78.80	88.20	96.70	
	P	35					13.50	15.10	16.50	17.80	18.75	19.45	19.60	19.70	19.65	
		40					14.05	15.80	17.45	19.00	20.30	21.20	21.50	21.80	22.00	
		45					14.55	16.50	18.35	20.10	21.70	23.00	23.40	23.90	24.20	
		50					15.00	17.10	19.20	21.20	23.00	24.60	25.20	25.90	26.40	
		55					15.35	17.65	19.95	22.20	24.30	26.20	26.90	27.80	28.50	
6MI-40X	Q	55					20.20	27.20	35.60	45.80	57.90	72.40	78.80	89.40	98.90	
		60					24.50	32.40	41.80	53.10	66.60	72.60	82.50	91.40		
		65					29.20	37.90	48.30	60.80	66.40	75.60	84.00			
		70					26.00	34.00	43.60	55.10	60.30	68.80	76.60			
		75					30.20	38.90	49.50	54.30	62.10	69.30				
	P	55					15.65	17.75	19.85	22.00	24.10	26.00	26.70	27.80	28.60	
		60					18.20	20.50	22.90	25.20	27.40	28.30	29.50	30.40		
		65					21.10	23.70	26.20	28.70	29.70	31.10	32.20			
		70					21.70	24.40	27.20	30.00	31.00	32.60	33.90			
		75					25.10	28.10	31.10	32.30	34.10	35.50				

0 °C Suction Gas Return
20 K Superheat

Operating Conditions 20°C Suction Gas Return

Discus - R134A

60 Hz

Compressor	Cond./ Temp °C	Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
6MT-35X	Q	35						36.00	45.90	57.70	71.70	88.00	107.00	115.50	129.00	141.00
		40						33.70	43.10	54.30	67.40	82.70	100.50	108.50	121.00	132.50
		45						31.30	40.30	50.80	63.10	77.50	94.20	101.50	113.50	124.00
		50						29.00	37.50	47.40	58.90	72.30	87.90	94.80	106.00	116.00
		55						26.70	34.70	43.90	54.60	67.10	81.50	87.90	98.30	107.50
	P	35						15.30	17.00	18.60	20.00	21.10	21.80	22.00	22.20	22.20
		40						15.95	17.90	19.75	21.40	22.90	24.00	24.30	24.70	24.90
		45						16.55	18.65	20.80	22.70	24.50	26.00	26.50	27.20	27.60
		50						17.05	19.40	21.70	24.00	26.00	27.90	28.60	29.40	30.10
		55						17.50	20.00	22.60	25.10	27.50	29.70	30.50	31.60	32.40
6MJ-45X	Q	55					23.70	31.30	40.60	51.80	65.20	81.10	88.30	99.90	110.50	
		60					28.40	36.90	47.30	59.70	74.50	91.20	81.20	92.00	102.00	
		65						33.40	42.80	54.30	68.00	84.20	84.30	93.40		
		70						29.90	38.50	49.00	61.50	67.20	76.50	85.00		
		75						34.30	43.70	55.10	60.30	68.90	76.70			
	P	55					17.05	19.20	21.60	24.10	26.60	29.10	30.00	31.30	32.30	
		60					19.80	22.30	25.00	27.70	30.50	31.60	33.10	34.30		
		65					23.00	25.90	28.80	31.90	33.10	34.80	36.20			
		70					23.90	26.80	29.90	33.20	34.50	36.50	38.10			
		75					27.80	31.10	34.60	36.00	38.10	39.90				
6MU-40X	Q	35					39.80	50.70	63.80	79.30	97.70	119.00	128.50	144.00	158.00	
		40					37.20	47.50	59.70	74.30	91.40	111.50	120.50	135.00	148.00	
		45					34.80	44.40	55.80	69.40	85.40	104.00	112.50	126.00	138.00	
		50					32.40	41.40	52.00	64.60	79.50	96.90	104.50	117.00	128.50	
		55					30.10	38.50	48.40	60.00	73.70	89.80	97.00	108.50	119.00	
	P	35					16.85	18.95	20.90	22.60	24.20	25.50	25.90	26.50	26.90	
		40					17.50	19.85	22.00	24.10	26.00	27.60	28.20	29.00	29.50	
		45					18.05	20.70	23.20	25.50	27.70	29.70	30.40	31.40	32.20	
		50					18.55	21.40	24.20	26.90	29.40	31.70	32.50	33.80	34.70	
		55					18.95	22.10	25.20	28.10	31.00	33.60	34.60	36.10	37.20	
6MK-50X	Q	55					23.60	32.50	43.30	56.30	71.90	90.40	98.80	112.50	124.50	
		60					29.10	39.20	51.30	65.80	83.20	91.10	104.00	115.50		
		65					35.10	46.30	59.80	76.00	83.30	95.30	106.00			
		70					31.10	41.30	53.80	68.80	75.60	86.70	96.80			
		75					36.40	47.80	61.60	67.80	78.10	87.50				
	P	55					19.70	22.30	25.00	27.80	30.70	33.40	34.40	35.80	37.00	
		60					22.80	25.70	28.70	31.80	34.90	36.00	37.70	39.10		
		65					26.30	29.50	32.90	36.20	37.50	39.50	41.00			
		70					26.90	30.30	33.90	37.50	38.90	41.10	42.90			
		75					31.00	34.80	38.70	40.20	42.60	44.50				

0 °C Suction Gas Return
 20 K Superheat

Operating Conditions 20°C Suction Gas Return

Compressor	Cond./ Temp °C	Evaporating Temperature °C															
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5	
4MF-13X DC	Q	35			°8.02	°11.00	°14.60	°18.90	°24.00								
		40			°7.29	°10.15	°13.60	°17.75	°22.60								
		45			°6.46	°9.17	°12.45	°16.40	°21.10								
		50			°5.55	°8.09	°11.20	°14.90	°19.35								
		55			°4.55	°6.90	°9.77	°13.25	°17.40								
	P	35			°6.25	°7.49	°8.72	°9.89	°11.00								
		40			°6.25	°7.66	°9.05	°10.40	°11.70								
		45			°6.15	°7.71	°9.26	°10.80	°12.25								
		50			°5.92	°7.63	°9.34	°11.05	°12.70								
		55			°5.57	°7.43	°9.29	°11.15	°13.00								
4MA-22X	Q	35					21.90	28.00	35.00	43.20	52.70	63.70	76.30	81.90	90.80	98.70	
		40					20.20	26.10	32.90	40.70	49.70	60.20	72.20	77.50	86.00	93.50	
		45						24.20	30.60	38.10	46.70	56.60	68.00	73.00	81.10	88.30	
		50							28.40	35.50	43.60	53.00	63.80	68.50	76.10	82.90	
		55								32.80	40.50	49.40	59.50	64.00	71.10	77.60	
	P	35					9.87	10.95	11.90	12.75	13.45	13.90	14.15	14.15	14.05	13.90	
		40					10.35	11.55	12.70	13.70	14.60	15.25	15.70	15.85	15.90	15.90	
		45						12.15	13.40	14.60	15.65	16.55	17.25	17.45	17.65	17.80	
		50							14.10	15.45	16.70	17.75	18.65	18.95	19.35	19.55	
		55								16.20	17.60	18.90	20.00	20.40	20.90	21.30	
4ML-15X DC	Q	35			°10.95	°14.70	°19.10	°24.00	°29.40								
		40			°10.10	°13.75	°18.00	°22.80	°28.00								
		45			°9.18	°12.70	°16.80	°21.40	°26.50								
		50			°8.18	°11.55	°15.50	°19.95	°24.90								
		55			°7.10	°10.30	°14.10	°18.40	°23.10								
	P	35			°8.39	°9.85	°11.30	°12.70	°13.95								
		40			°8.62	°10.20	°11.80	°13.30	°14.70								
		45			°8.78	°10.50	°12.20	°13.90	°15.45								
		50			°8.84	°10.70	°12.55	°14.40	°16.10								
		55			°8.82	°10.80	°12.80	°14.80	°16.70								
4MH-25X	Q	35					25.80	32.60	40.50	49.80	60.50	72.80	87.00	93.30	103.00	112.00	
		40					24.00	30.60	38.20	47.00	57.20	68.90	82.40	88.40	97.90	106.50	
		45						28.50	35.80	44.20	53.80	65.00	77.80	83.40	92.40	100.50	
		50							33.40	41.30	50.50	61.00	73.10	78.40	86.90	94.60	
		55								38.40	47.10	57.00	68.30	73.30	81.40	88.60	
	P	35					11.85	13.10	14.25	15.25	16.05	16.70	17.05	17.10	17.10	17.00	
		40					12.50	13.85	15.15	16.35	17.40	18.25	18.85	19.05	19.20	19.25	
		45						14.60	16.05	17.45	18.70	19.75	20.60	20.90	21.20	21.40	
		50							16.90	18.45	19.90	21.20	22.30	22.60	23.10	23.40	
		55								19.40	21.00	22.50	23.80	24.30	24.90	25.40	
4MM-20X DC	Q	35			°12.45	°16.35	°20.90	°26.30	°32.50								
		40			°11.40	°15.15	°19.50	°24.70	°30.70								
		45			°10.30	°13.90	°18.10	°23.00	°28.80								
		50			°9.12	°12.55	°16.60	°21.30	°26.80								
		55			°7.89	°11.20	°15.05	°19.55	°24.80								
	P	35			°9.35	°10.75	°12.20	°13.60	°15.00								
		40			°9.54	°11.10	°12.70	°14.25	°15.85								
		45			°9.65	°11.35	°13.10	°14.90	°16.65								
		50			°9.69	°11.55	°13.50	°15.45	°17.40								
		55			°9.64	°11.70	°13.75	°15.90	°18.10								
4MI-30X	Q	35					28.50	35.60	43.90	53.60	64.90	77.90	92.80	99.40	110.00	119.50	
		40					26.60	33.40	41.40	50.60	61.20	73.50	87.70	93.90	104.00	112.50	
		45						31.20	38.80	47.50	57.60	69.20	82.50	88.30	97.70	106.00	
		50							36.20	44.40	53.80	64.70	77.20	82.70	91.60	99.50	
		55								41.20	50.10	60.20	71.90	77.10	85.30	92.70	
	P	35					13.15	14.55	15.85	17.10	18.15	19.00	19.65	19.80	20.00	20.00	
		40					13.90	15.40	16.90	18.30	19.55	20.70	21.60	21.80	22.20	22.40	
		45						16.25	17.85	19.45	20.90	22.20	23.40	23.80	24.30	24.60	
		50							18.80	20.50	22.20	23.70	25.10	25.60	26.30	26.70	
		55								21.50	23.40	25.10	26.70	27.30	28.10	28.70	
4MT-22X DC	P	35			°13.95	°18.30	°23.40	°29.40	°36.50								
		40			°12.80	°16.95	°21.90	°27.70	°34.40								
		45			°11.55	°15.55	°20.30	°25.80	°32.30								
		50			°10.25	°14.10	°18.60	°23.90	°30.10								
		55			°8.85	°12.55	°16.90	°21.90	°27.80								
	Q	35			°10.50	°12.05	°13.65	°15.25	°16.85								
		40			°10.70	°12.45	°14.20	°16.00	°17.80								
		45			°10.80	°12.75	°14.70	°16.70	°18.70								
		50			°10.85	°12.95	°15.10	°17.30	°19.50								
		55			°10.80	°13.10	°15.45	°17.85	°20.30								

0 °C Suction Gas Return
 20 K Superheat
 Additional Cooling Required

Operating Conditions 20°C Suction Gas Return

60 Hz

Compressor	Cond./Temp °C	Evaporating Temperature °C														
		-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
4MJ-33X	Q	35					31.90	39.90	49.30	60.10	72.70	87.30	104.00	111.50	123.00	133.50
		40					29.80	37.50	46.40	56.70	68.60	82.40	98.30	105.00	116.50	126.50
		45						35.00	43.50	53.20	64.50	77.50	92.50	99.00	109.50	119.00
		50							40.50	49.70	60.30	72.50	86.60	92.70	102.50	111.50
		55								46.20	56.10	67.50	80.60	86.40	95.60	104.00
	P	35					14.75	16.30	17.80	19.15	20.30	21.30	22.00	22.20	22.40	22.50
		40					15.60	17.30	18.95	20.50	21.90	23.20	24.20	24.50	24.90	25.10
		45						18.20	20.00	21.80	23.40	24.90	26.20	26.60	27.20	27.60
		50							21.10	23.00	24.90	26.60	28.10	28.70	29.40	30.00
		55								24.10	26.20	28.10	29.90	30.60	31.50	32.20
4MU-25X DC	Q	35	°15.85	°20.70	°26.60	°33.40	°41.40									
		40	°14.50	°19.25	°24.80	°31.40	°39.00									
		45	°13.10	°17.65	°23.00	°29.30	°36.60									
		50	°11.60	°16.00	°21.10	°27.10	°34.10									
		55	°10.05	°14.25	°19.15	°24.90	°31.60									
	P	35	°11.90	°13.65	°15.50	°17.30	°19.10									
		40	°12.10	°14.10	°16.10	°18.15	°20.20									
		45	°12.25	°14.45	°16.65	°18.90	°21.20									
		50	°12.30	°14.70	°17.15	°19.60	°22.10									
		55	°12.25	°14.85	°17.50	°20.20	°23.00									
4MK-35X	Q	35					36.20	45.30	55.90	68.20	82.50	99.00	118.00	126.50	139.50	151.50
		40					33.80	42.50	52.60	64.30	77.80	93.50	111.50	119.50	132.00	143.50
		45						39.70	49.30	60.40	73.20	87.90	105.00	112.50	124.00	135.00
		50						35.80	45.90	56.40	68.40	82.30	98.20	105.00	116.50	126.50
		55							41.60	52.40	63.60	76.60	91.40	98.00	108.50	118.00
	P	35					16.75	18.50	20.20	21.70	23.10	24.20	25.00	25.20	25.40	25.50
		40					17.65	19.60	21.50	23.20	24.90	26.30	27.40	27.80	28.20	28.50
		45						20.60	22.70	24.70	26.60	28.30	29.70	30.20	30.90	31.30
		50						21.60	23.90	26.10	28.20	30.10	31.90	32.50	33.40	34.00
		55						25.00	27.40	29.70	31.90	33.90	34.70	35.70	36.50	
6MM-30X DC	Q	35	°16.75	°22.50	°29.15	°36.61	°44.77									
		40	°15.38	°20.89	°27.27	°34.43	°42.26									
		45	°13.95	°19.22	°25.33	°32.19	°39.69									
		50	°12.47	°17.50	°23.33	°29.88	°37.05									
		55	°10.92	°15.70	°21.25	°27.50	°34.33									
	P	35	°13.52	°15.76	°17.87	°19.75	°21.28									
		40	°13.87	°16.40	°18.82	°21.01	°22.87									
		45	°14.09	°16.91	°19.63	°22.14	°24.34									
		50	°14.17	°17.29	°20.31	°23.14	°25.68									
		55	°14.10	°17.51	°20.85	°24.00	°26.87									
6MI-40X	Q	35					43.30	54.80	68.20	83.70	102.00	122.50	146.50	157.00	174.00	189.00
		40					40.20	51.30	64.10	78.90	96.10	116.00	138.50	148.50	165.00	179.00
		45						47.70	60.00	74.10	90.40	109.00	131.00	140.00	155.50	169.00
		50						42.90	55.80	69.20	84.60	102.50	122.50	131.50	146.00	159.00
		55							50.40	64.20	78.70	95.40	114.50	123.00	136.50	148.50
	P	35					20.40	22.40	24.30	26.00	27.40	28.40	29.00	29.10	29.00	28.80
		40					21.50	23.80	25.90	27.90	29.70	31.10	32.10	32.40	32.60	32.60
		45						25.00	27.50	29.80	31.80	33.60	35.00	35.50	36.00	36.30
		50						26.20	28.90	31.50	33.90	36.00	37.80	38.50	39.20	39.80
		55						30.20	33.10	35.80	38.30	40.50	41.30	42.30	43.10	
6MJ-45X	Q	35					47.30	60.10	74.90	92.20	112.50	135.50	162.00	174.00	192.50	210.00
		40					43.60	55.90	70.10	86.60	105.50	127.50	153.00	164.00	182.00	198.00
		45						51.70	65.20	80.90	98.90	119.50	143.50	154.00	171.00	186.00
		50						45.80	60.30	75.10	92.00	111.50	134.00	144.00	160.00	174.00
		55							53.80	69.20	85.10	103.50	124.50	133.50	148.50	162.00
	P	35					22.70	25.20	27.50	29.70	31.50	33.00	34.00	34.30	34.50	34.50
		40					23.80	26.60	29.20	31.80	34.00	35.90	37.40	37.90	38.40	38.70
		45						27.90	30.80	33.70	36.30	38.60	40.60	41.30	42.10	42.70
		50						29.10	32.30	35.50	38.40	41.20	43.60	44.40	45.60	46.40
		55						33.60	37.10	40.40	43.50	46.40	47.40	48.80	49.90	
6MK-50X	Q	35					68.10	85.00	104.50	127.50	153.50	184.00	197.00	219.00	219.00	238.00
		40					63.40	79.50	98.20	120.00	145.00	173.50	186.00	206.00	206.00	224.00
		45					57.10	74.00	91.70	112.00	135.50	163.00	174.50	194.00	194.00	211.00
		50					51.90	68.40	85.10	104.50	126.50	152.00	163.00	181.00	181.00	197.50
		55						61.00	78.50	96.50	117.50	141.00	151.50	168.50	168.50	183.50
	P	35					28.50	31.20	33.70	35.80	37.40	38.60	38.90	39.10	39.10	39.20
		40					30.10	33.20	36.00	38.60	40.70	42.40	43.00	43.60	43.60	43.90
		45					31.60	35.00	38.20	41.20	43.80	46.00	46.80	47.80	47.80	48.40
		50					32.90	36.60	40.20	43.60	46.70	49.40	50.40	51.70	51.70	52.60
		55						38.10	42.10	45.80	49.40	52.60	53.80	55.40	55.40	56.60

0 °C Suction Gas Return
 20 K Superheat
 Additional Cooling Required

Operating Conditions 20°C Suction Gas Return

Mechanical and electrical data | Caractéristiques mécaniques et électriques | Mechanische und elektrische Daten

Mechanical Data: Discus®

Compressor	Displacement @ 60 Hz, m³/hr	Number of cylinders	Length/Width		Suction line SL " (inch)	Discharge line DL " (inch)	Oil Quantity ⁽¹⁾ l	Nett Weight kg
			L / B mm	H mm				
4MF-13X DC	74.5	4	638/501	452	1 5/8	1 1/8	3.3	177
4MF-13X	74.5	4	638/501	452	1 5/8	1 1/8	3.3	177
4MA-22X	74.5	4	638/501	452	1 5/8	1 1/8	3.3	177
4ML-15X DC	86.2	4	638/501	452	1 5/8	1 1/8	3.3	180
4ML-15X	86.2	4	638/501	452	1 5/8	1 1/8	3.3	180
4MH-25X	86.2	4	657/501	452	2 1/8	1 1/8	3.3	187
4MM-20X DC	94.4	4	657/501	452	2 1/8	1 1/8	3.3	182
4MM-20X	94.4	4	657/501	452	2 1/8	1 1/8	3.3	182
4MI-30X	94.4	4	657/501	452	2 1/8	1 1/8	3.3	188
4MT-22X DC	105.9	4	657/501	452	2 1/8	1 3/8	3.3	183
4MT-22X	105.9	4	657/501	452	2 1/8	1 3/8	3.3	183
4MJ-33X	105.9	4	657/501	452	2 1/8	1 3/8	3.3	190
4MU-25X DC	120.0	4	657/501	452	2 1/8	1 3/8	3.3	186
4MU-25X	120.0	4	657/501	452	2 1/8	1 3/8	3.3	186
4MK-35X	120.0	4	688/501	452	2 1/8	1 3/8	3.3	202
6MM-30X DC	145.4	6	695/547	450	2 1/8	1 3/8	3.3	215
6MM-30X	145.4	6	695/547	450	2 1/8	1 3/8	3.3	215
6MI-40X	145.4	6	695/547	450	2 1/8	1 3/8	3.3	219
6MT-35X DC	163.0	6	725/547	450	2 1/8	1 5/8	3.3	221
6MT-35X	163.0	6	725/547	450	2 1/8	1 5/8	3.3	221
6MJ-45X	163.0	6	725/547	450	2 1/8	1 5/8	3.3	223
6MU-40X DC	184.9	6	757/547	450	2 5/8	1 5/8	3.3	225
6MU-40X	184.9	6	757/547	450	2 5/8	1 5/8	3.3	225
6MK-50X	184.9	6	773/547	450	2 5/8	1 5/8	3.3	230

Electrical Data: Discus®

Compressor	Max Operating Current	Locked Rotor Current	Max Operating Current	Locked Rotor Current	Max Operating Current	Locked Rotor Current	Max Operating Current	Locked Rotor Current	Max Operating Current	Locked Rotor Current
	EWK ⁺ A	EWK ⁺ A	EWK ⁺⁺ A	EWK ⁺⁺ A	AWC A	AWC A	AWX A	AWX A	AWD A	AWD A
4MF-13X DC	64.4	228	38.8	132	67.5	220	38.8		30.8	105
4MF-13X	64.4	228	38.8	132	67.5	220	38.8		30.8	105
4MA-22X	75.9	386	45.7	224	79.5	374	45.7		36.3	178
4ML-15X DC	74.0	334	44.6	194	77.5	324	44.6		35.4	154
4ML-15X	74.0	334	44.6	194	77.5	324	44.6		35.4	154
4MH-25X	86.9	433	52.4	252	91.1	419	52.4		41.6	200
4MM-20X DC	81.5	386	49.1	224	85.4	374	49.1		39.0	178
4MM-20X	81.5	386	49.1	224	85.4	374	49.1		39.0	178
4MI-30X	97.4	462	58.7	268	102	447	58.7		46.6	213
4MT-22X DC	93.0	386	56.1	224	97.5	374	56.1		44.5	178
4MT-22X	93.0	386	56.1	224	97.5	374	56.1		44.5	178
4MJ-33X	111	462	66.7	268	116	447	66.7		52.9	213
4MU-25X DC	108	433	65.4	252	114	419	65.4		51.9	200
4MU-25X	108	433	65.4	252	114	419	65.4		51.9	200
4MK-35X	128	550	77.0	320	134	532	77.0		61.1	254
6MM-30X DC	125	550	75.2	320	131	532	75.2		59.7	254
6MM-30X	125	550	75.2	320	131	532	75.2		59.7	254
6MI-40X	149	632	90.0	367	156	611	90.0		71.4	292
6MT-35X DC	141	550	84.8	320	147	532	84.8		67.3	254
6MT-35X	141	550	84.8	320	147	532	84.8		67.3	254
6MJ-45X	170	632	103	367	178	611	103		81.5	292
6MU-40X DC	158	633	95.5	368	166	638	95.5		75.8	304
6MU-40X	158	633	95.5	368	166	638	95.5		75.8	304
6MK-50X	194	830	117	482	203	803	117		92.9	383

Code	Vol ± 10%/Ph/Hz	Connection
EWK ⁺	220-240/3/60	Δ
EWK ⁺⁺	380-420/3	Y
AWC	208-230/3	YYY
AWX	380/3	YYY
AWD	440-480/3	YYY