



Compresores Discus Para Refrigeración

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Datos de Rendimiento de Semiherméticos Para Refrigeración - R-22 - 50 Hz - KCAL

		Demand Cooling y Ventilador de Cabeza son Requeridos							
		Supercalentamiento Máximo 20 K Ventilador de Cabeza es Requerido							
Modelo	Cond. Temp °C	10°C	0	-5°C	-10°C	-15°C	-25°C	-30°C	-40°C
		50°F	32°F	23°F	14°F	5°F	-13°F	-22°F	-40°F
MODELOS DISCUS R-22									
2DF3-0300	35					8,110	4,660	3,480	1,780
	45					6,850	3,870	2,830	1,260
	55					5,690	3,080	2,180	680
2DL3-0400	35					9,080	5,610	4,200	2,100
	45					7,900	4,710	3,440	1,580
	55					6,620	3,740	2,610	1,010
2DCJ-0500	35	17,200	11,400	9,330	7,420	6,330	3,880	2,900	1,400
	45	15,300	9,830	7,920	6,260	5,460	3,200	2,330	1,080
	55	13,300	8,250	6,670	5,320	4,500	2,480	1,730	708
2DD3-0500	35	20,300	13,900	11,300	9,080	7,750	4,730		
	45	17,900	12,200	9,830	7,830	6,830			
	55	15,600	10,500	8,420	6,580	5,670			
2DA3-0610	35			15,800	13,000	10,600	6,510	4,890	2,430
	45			14,200	11,600	9,220	5,460	3,990	1,890
	55			12,300	9,800	7,680	4,270	3,000	1,280
2DB3-0600	35					11,200	6,890	5,250	2,730
	45					9,830	5,840	4,350	2,140
	55					8,420	4,730	3,380	1,490
2DL3-0750	35	24,900	17,300	14,200	11,500	9,250	5,680		
	45	22,300	15,300	12,500	10,000	7,830			
	55	19,500	13,300	10,800	8,580	6,500			
2DAJ-0750	35	28,200	19,500	16,100	13,000	10,100	6,150	4,600	2,220
	45	25,000	17,300	14,200	11,400	8,670	5,080	3,690	1,700
	55	21,800	15,000	12,200	9,530	7,150	3,930	2,750	1,130
3DA3A0710	35			19,400	15,900	12,700	7,930	6,150	3,400
	45			17,300	14,000	11,000	6,680	5,070	2,520
	55			15,100	12,200	9,420	5,470	4,000	1,630
3DA3A0750	35	33,600	23,500	19,400	15,900	12,700	7,930		
	45	30,000	20,900	17,300	14,000	11,000			
	55	26,500	18,300	15,100	12,200	9,420			
3DB3A0750	35					15,200	9,500	7,380	4,080
	45					13,300	8,080	6,130	3,040
	55					11,600	6,740	4,930	2,020
3DB3A0910	35			23,300	18,900	15,200	9,500	7,400	4,080
	45			20,800	16,800	13,300	8,080	6,130	3,040
	55			18,600	14,800	11,600	6,740	4,930	2,020

Datos de Rendimiento de Semiherméticos Para Refrigeración - R-22 - 50 Hz - KCAL

		Demand Cooling y Ventilador de Cabeza son Requeridos							
		Supercalentamiento Máximo 20 K Ventilador de Cabeza es Requerido							
Modelo	Cond. Temp °C	10°C	0	-5°C	-10°C	-15°C	-25°C	-30°C	-40°C
		50°F	32°F	23°F	14°F	5°F	-13°F	-22°F	-40°F
MODELOS DISCUS R-22									
3DB3A1000	35	39,300	27,800	23,000	18,900	15,000	9,420		
	45	35,400	24,800	20,500	16,800	13,100			
	55	31,300	21,800	18,000	14,700	11,200			
4DA3-1000	35					21,600	13,400	10,100	4,930
	45					19,300	11,400	8,290	3,360
	55					16,400	8,910	6,010	1,450
3DF3A1200	35	46,300	32,700	27,000	22,000	19,100	11,800		
	45	41,300	29,100	23,900	19,500	16,900			
	55	36,400	25,400	20,900	17,000	14,200			
3DS3A1210	35			29,400	24,200	19,700	12,300	9,500	5,000
	45			26,900	21,800	17,500	10,700	8,030	4,030
	55			24,000	19,200	15,000	8,750	6,370	3,000
3DS3A1500	35	52,700	36,900	30,600	25,100	18,700	11,700	8,920	4,550
	45	46,900	32,800	27,300	22,300	16,500	9,920	7,420	3,630
	55	41,300	29,100	24,200	19,900	14,000	8,000	5,830	2,640
4DL3-1500	35					27,100	17,200	13,300	7,060
	45					24,200	14,800	11,100	5,330
	55					20,700	12,000	8,670	3,480
4DAJ-2000	35	59,700	40,400	32,800	26,500	20,500	12,700	9,500	4,490
	45	52,700	35,800	29,200	23,600	18,100	10,600	7,680	3,030
	55	45,600	30,800	25,100	20,300	15,300	8,170	5,490	1,280
4DT3-2200	35					32,300	19,800	15,500	8,420
	45					28,800	17,400	13,400	6,830
	55					24,900	14,400	10,800	4,560
4DT3-2510	35			52,500	41,200	32,300	19,800	15,500	8,420
	45			47,800	37,200	28,800	17,400	13,400	6,830
	55			42,500	32,600	24,900	14,400	10,800	4,560
4DH3-2500	35	73,300	52,500	43,000	34,600	26,300	16,200		
	45	65,400	46,300	37,800	30,200	22,800			
	55	57,400	40,200	32,400	25,700	18,900			
6DL3-2700	35			60,900	49,300	39,700	25,200	19,600	10,400
	45			55,300	44,500	35,500	22,000	16,800	7,980
	55			49,000	38,900	30,600	17,900	13,100	4,580
4DJ3-3000	35	85,800	61,100	50,300	40,700	30,800	18,900		
	45	77,300	54,200	44,400	35,800	26,800			
	55	67,900	47,000	38,300	30,800	22,400			

Datos de Rendimiento de Semiherméticos Para Refrigeración - **R-22 - 50 Hz - KCAL**

Modelo	Cond. Temp °C	10°C	0	-5°C	-10°C	-15°C	-25°C	-30°C	-40°C
		50°F	32°F	23°F	14°F	5°F	-13°F	-22°F	-40°F
MODELOS DISCUS R-22									
6DT3-3000	35					48,400	29,800	23,200	12,400
	45					42,800	26,000	20,100	10,300
	55					36,300	21,200	15,800	6,750
6DG3-3500	35	116,000	80,800	67,000	55,000	41,800	25,700		
	45	103,000	71,800	59,600	49,200	36,700			
	55	90,000	63,200	52,400	43,300	31,300			
6DJ3-4000	35	127,000	90,000	74,400	61,000	46,300	28,500		
	45	113,000	79,600	66,100	54,300	40,600			
	55	98,300	69,800	57,900	47,700	34,600			



Datos de Rendimiento de Semiherméticos Para Refrigeración - R-22 - 50 Hz - BTUH

		Demand Cooling y Ventilador de Cabeza son Requeridos							
		Supercalentamiento Máximo 20 K Ventilador de Cabeza es Requerido							
Modelo	Cond.	45°F	25°F	20°F	15°F	10°F	-10°F	-20°F	-40°F
	Temp °F	7.2°C	-3.9°C	-6.7°C	-9.4°C	-12.2°C	-23.3°C	-28.9°C	-40.0°C
MODELOS DISCUS R-22									
2DF3-0300	90						21,300	15,500	7,600
	110						17,500	12,500	5,400
	130						13,800	9,600	2,800
2DL3-0400	90						25,300	18,700	8,900
	110						21,200	15,300	6,600
	130						16,800	11,500	4,100
2DCJ-0500	90	69,000	45,100	40,400	35,900	27,200	16,600	12,100	5,900
	110	59,800	38,200	33,900	30,000	22,600	13,700	9,800	4,200
	130	50,700	31,600	28,000	24,800	18,900	10,800	7,500	2,200
2DD3-0500	90	74,900	48,800	43,400	38,500	33,900	18,800		
	110	65,500	42,100	37,300	32,800	28,700			
	130	56,100	35,400	31,100	27,200	23,500			
2DA3-0610	90		67,300	60,200	53,600	47,400	29,400	21,800	10,300
	110		59,100	52,600	46,500	40,700	24,600	17,800	7,900
	130		50,300	44,300	38,700	33,200	19,200	13,200	5,200
2DB3-0600	90						30,900	23,200	11,500
	110						26,200	19,100	8,900
	130						21,000	14,800	6,100
2DL3-0750	90	92,500	60,800	54,300	48,200	42,600	23,400		
	110	81,700	53,200	47,300	41,800	36,800			
	130	70,400	45,200	40,000	35,300	30,800			
2DAJ-0750	90	104,000	68,700	61,400	54,700	48,400	29,400	21,800	10,300
	110	91,800	60,300	53,700	47,400	41,500	24,600	17,800	7,900
	130	79,100	51,300	45,200	39,400	33,800	19,200	13,200	5,200
3DA3A0710	90		81,800	73,400	65,600	58,400	34,800	25,900	13,300
	110		71,800	64,300	57,300	50,900	29,700	21,700	9,900
	130		62,100	55,400	49,300	43,500	24,000	16,800	5,700
3DA3A0750	90	125,000	83,100	74,500	66,600	59,300	35,900		
	110	110,000	72,900	65,300	58,200	51,700			
	130	95,800	63,000	56,300	50,000	44,200			
3DB3A0750	90						42,500	32,300	17,200
	110						36,000	26,800	12,800
	130						29,800	21,300	8,300
3DB3A0910	90		97,500	87,500	78,400	70,100	42,500	32,300	17,200
	110		85,800	77,200	69,100	61,700	36,000	26,800	12,800
	130		74,300	66,600	59,400	52,800	29,800	21,300	8,300

Datos de Rendimiento de Semiherméticos Para Refrigeración - R-22 - 50 Hz - BTUH

Modelo		Cond.	45°F	25°F	20°F	15°F	10°F	-10°F	-20°F	-40°F
		Temp °F	7.2°C	-3.9°C	-6.7°C	-9.4°C	-12.2°C	-23.3°C	-28.9°C	-40.0°C
Demand Cooling y Ventilador de Cabeza son Requeridos										
Supercalentamiento Máximo 20 K Ventilador de Cabeza es Requerido										
MODELOS DISCUS R-22										
3DB3A1000	90	146,000	98,300	88,300	79,200	70,800	43,700			
	110	130,000	86,700	77,900	69,800	62,300				
	130	113,000	75,100	67,300	60,000	53,300				
4DA3-1000	90						59,900	44,800	21,200	
	110						51,300	36,800	14,500	
	130						40,300	26,800	6,200	
3DF3A1200	90	173,000	115,000	103,000	91,700	81,800	50,000			
	110	153,000	102,000	90,800	80,900	71,900				
	130	133,000	87,500	78,200	69,600	61,800				
3DS3A1210	90		130,000	117,000	104,000	92,800	55,300	41,800	20,900	
	110		114,000	103,000	91,900	82,000	47,400	35,100	16,700	
	130		100,000	90,300	81,000	72,600	38,600	27,600	12,200	
3DS3A1500	90	196,000	131,000	118,000	105,000	93,300	55,300	41,800	20,900	
	110	173,000	115,000	103,000	92,400	82,400	47,400	35,100	16,700	
	130	150,000	101,000	90,700	81,400	72,900	38,600	27,600	12,200	
4DL3-1500	90						76,500	58,300	29,800	
	110						65,700	48,700	22,300	
	130						53,200	37,700	14,300	
4DAJ-2000	90	222,000	142,000	126,000	112,000	98,300	57,700	44,300	20,900	
	110	193,000	123,000	110,000	97,500	86,700	51,300	36,500	14,300	
	130	164,000	106,000	93,917	83,300	73,800	39,800	26,500		
4DT3-2200	90						88,300	67,700	35,400	
	110						76,800	58,000	28,200	
	130						63,500	46,400	18,800	
4DT3-2510	90		216,000	193,000	171,000	152,000	88,300	67,700	35,400	
	110		188,000	168,000	149,000	132,000	76,800	58,000	28,200	
	130		161,000	143,000	127,000	112,000	63,500	46,400	18,800	
4DH3-2500	90	275,000	185,000	164,000	146,000	128,000	76,600			
	110	243,000	161,000	143,000	126,000	111,000				
	130	210,000	137,000	120,000	106,000	91,700				
6DL3-2700	90						111,700	85,800	43,800	
	110						97,500	72,900	33,400	
	130						79,500	56,900	19,100	
4DJ3-3000	90	322,000	216,000	193,000	171,000	152,000	88,300			
	110	285,000	188,000	168,000	149,000	132,000				
	130	247,000	161,000	143,000	127,000	112,000				
6DT3-3000	90						133,000	101,000	51,900	
	110						115,000	86,700	42,600	
	130						93,000	68,200	28,000	

6DG3-3500	90	430,000	287,000	257,000	232,000	206,000	128,000		
	110	376,000	252,000	226,000	204,000	182,000			
	130	327,000	218,000	197,000	178,000	158,000			
6DJ3-4000	90	473,000	318,000	286,000	256,000	228,000	138,000		
	110	415,000	279,000	251,000	225,000	200,000			
	130	358,000	242,000	218,000	195,000	174,000			



Especificaciones Mecánicas de Semiherméticos Para Refrigeración - R-22 - 50 Hz

Modelo	50Hz m3/hr	Dimensiones Generales (mm)			Dimensiones Entre Centros de Montaje (mm)		Tamaño de Linea (pulgadas)		Peso (kg)
		L	W	H	L	W	Descarga	Succión	
MODELOS DISCUS R-22									
2DF3-0300	21.3	591	330	434	295	279	1 3/8	7/8	141
2DL3-0400	23.8	591	330	434	295	279	1 3/8	7/8	145
2DCJ-0500	16.9	591	330	434	295	279	1 3/8	7/8	145
2DD3-0500	19.4	591	330	434	295	279	1 3/8	7/8	145
2DA3-0610	26.8	591	330	434	295	279	1 3/8	7/8	145
2DB3-0600	28.1	591	330	434	295	279	1 3/8	7/8	145
2DL3-0750	23.8	591	330	434	295	279	1 3/8	7/8	156
2DAJ-0750	26.8	591	330	434	295	279	1 3/8	7/8	156
3DA3-0710	32.3	680	383	458	381	305	1 3/8	1 1/8	179
3DA3-0750	32.3	680	383	458	381	305	1 3/8	1 1/8	179
3DB3-0750	38.1	656	383	458	381	305	1 3/8	1 1/8	179
3DB3-0910	38.1	680	383	458	381	305	1 3/8	1 1/8	186
3DB3-1000	38.1	680	383	458	381	305	1 3/8	1 1/8	186
4DA3-1000	56.3	645	513	448	381	305	1 5/8	1 1/8	198
3DF3-1200	45.2	680	383	458	381	305	1 5/8	1 1/8	193
3DS3-1210	50.2	680	383	458	381	305	1 3/8	1 1/8	186
3DS3-1500	50.2	712	383	458	381	305	1 5/8	1 1/8	193
4DL3-1500	71.2	687	521	584	381	305	1 5/8	1 1/8	213
4DAJ-2000	56.3	645	513	448	381	305	1 5/8	1 3/8	212
4DB3-2010	65.1	668	521	452	381	305	2 1/8	1 3/8	223
4DT3-2200	85	710	521	584	381	305	2 1/8	1 3/8	214
4DT3-2510	85	710	521	584	381	305	2 1/8	1 3/8	214
4DH3-2500	71.2	668	521	452	381	305	2 1/8	1 3/8	223
6DL3-2700	106.8	748	570	733	381	305	2 1/8	1 3/8	249
4DJ3-3000	85	687	521	452	381	305	2 1/8	1 3/8	228
6DT3-3000	127.5	748	570	733	381	305	2 1/8	1 3/8	273
6DG3-3500	116.9	767	570	456	381	305	2 1/8	1 5/8	262
6DJ3-4000	127.5	767	570	529	381	305	2 1/8	1 5/8	286



Selección de Voltaje de Semiherméticos Para Refrigeración - R-22 - 50 Hz

Modelo	1 Fase 200-50 (230-60)	1 Fase 220/50	3 Fases 200/220-50 (208/230-60)	3 Fases 380/420-50 (460-60)	3 Fases 200/400-50 (230/460-60)	3 Fases 380/420-50 PWS
MODELOS DISCUS R-22						
2DF3-0300	CFB		TFC	TFD		
2DL3-0400			TFC	TFD		
2DCJ-0500	CFB		TFC	TFD		
2DD3-0500			TFC	TFD		
2DB3-0600			TFC	TFD		
2DL3-0750			TFC	TFD		
2DAJ-0750			TFC	TFD		
3DA3A0750			TFC	TFD		FSM
3DB3A0750			TFC	TFD		FSM
3DB3A1000			TFC	TFD		FSM
4DA3-1000					TSK	FSD
3DF3A1200			TFC	TFD		
3DS3A1500			TFC	TFD		FSM
4DL3-1500					TSK	FSD
4DAJ-2000					TSK	FSD
4DT3-2200					TSK	FSD
4DH3-2500					TSK	FSD
6DL3-2700					TSK	FSD
4DJ3-3000					TSK	FSD
6DT3-3000					TSK	FSD
6DG3-3500					TSN	FSD
6DJ3-4000					TSN	FSD

Voltaje de Datos de Placa	Copeland - Rango de Voltaje de Operación Condición Máxima de Carga Para Compresores
115	103 - 107
230	207 - 253
208/230 (1 Fase)	197 - 253
208/230 (3 Fases)	187 - 253
460	414 - 506
380	342 - 418
Todos los Otros Voltajes y Frecuencias	±10% Datos de Placa

Datos de Rendimiento de Semiherméticos Para Refrigeración - **HFC - 50 Hz - KCAL**

Modelo	Cond.	10°C	0	-5°C	-10°C	-15°C	-25°C	-30°C	-40°C
	Temp °C	50°F	32°F	23°F	14°F	5°F	-13°F	-22°F	-40°F
MODELOS DISCUS R-404A									
2DF3-030E	35					8,750	5,440	4,200	2,350
	45					7,080	4,450	3,430	1,730
	55						3,480	2,580	942
2DL3-040E	35					10,300	6,530	5,100	2,860
	45					8,500	5,380	4,160	2,210
	55						4,230	3,190	1,510
2DD3-050E	35	21,700	15,200	12,400	10,000	8,040	4,990		
	45	18,100	12,600	10,300	8,330	6,650	4,100		
	55	14,300	9,920	8,130	6,550	5,240	3,210		
2DB3-060E	35					12,400	8,000	6,260	3,530
	45					10,300	6,660	5,170	2,780
	55						5,290	4,080	2,080
2DA3-061E	35			17,400	14,300	11,500	7,100	6,000	3,400
	45			14,600	12,000	9,600	5,900	4,900	2,600
	55			11,800	9,700	7,800	4,700	3,900	2,000
2DL3-075E	35	26,500	18,400	15,100	12,300	10,000	6,400		
	45	22,100	15,300	12,600	10,300	8,300	5,270		
	55	17,700	12,300	10,100	8,200	6,700	4,130		
2DA3-075E	35	30,300	21,100	17,400	14,300	11,500	7,110		
	45	25,300	17,600	14,600	12,000	9,580	5,910		
	55	20,300	14,200	11,800	9,670	7,750	4,730		
3DA3A075E	35	35,900	24,900	20,500	16,800	13,300	8,180		
	45	29,400	20,700	17,100	14,100	11,300	6,980		
	55	23,700	16,800	14,100	11,700	9,330	5,830		
3DB3A075E	35					16,300	10,400	8,230	4,850
	45					13,700	8,830	6,990	3,880
	55						7,330	5,690	2,750
3DB3A100E	35	41,800	29,200	24,200	19,900	16,200	10,200		
	45	34,900	24,500	20,400	16,800	13,700	8,660		
	55	28,200	19,900	16,700	13,800	11,300	7,080		
3DS3A100E	35					21,800	14,300	11,400	6,740
	45					18,500	12,200	9,580	5,420
	55						10,000	7,810	4,080
4DA3-100E 4DA3-101E	35					23,200	14,800	11,800	6,830
	45					19,400	12,600	9,920	5,100
	55						10,100	7,680	2,670
3DF3A120E	35	52,000	36,300	30,100	24,700	20,000	12,700		
	45	43,300	30,400	25,300	20,800	16,900	10,700		
	55	34,800	24,600	20,500	17,000	13,800	8,700		
3DS3A150E	35	57,700	40,300	33,300	27,300	22,200	14,100		
	45	48,000	33,700	27,900	23,000	18,800	11,800		
	55	38,500	27,300	22,800	18,800	15,300	9,700		

Datos de Rendimiento de Semiherméticos Para Refrigeración - **HFC - 50 Hz - KCAL**

Modelo	Cond.	10°C	0	-5°C	-10°C	-15°C	-25°C	-30°C	-40°C
	Temp °C	50°F	32°F	23°F	14°F	5°F	-13°F	-22°F	-40°F
MODELOS DISCUS R-404A									
4DL3-150E	35					29,700	19,500	15,700	9,170
	45					25,200	16,600	13,300	7,600
	55						13,400	10,500	5,120
4DA3-200E	35	60,800	43,500	36,100	29,400	23,800	15,300		
	45	50,300	35,700	29,400	23,900	19,400	12,500		
	55	39,800	27,900	22,900	18,600	15,100	9,550		
4DT3-220E	35					35,900	23,900	19,100	11,100
	45					29,700	19,800	15,800	8,500
	55						16,200	12,400	5,320
4DT3-251E	35			54,600	44,700	35,900	23,900	19,100	11,100
	45			45,400	37,200	29,700	19,800	15,800	8,500
	55			36,300	29,800	24,200	16,200	12,400	5,320
4DH3-250E	35	75,000	54,800	45,600	37,300	30,300	19,300		
	45	61,800	45,300	37,800	30,900	25,200	16,200		
	55	50,100	36,800	30,600	24,900	20,300	12,800		
4DJ3-300E	35	93,300	65,900	54,600	44,700	36,200	23,100		
	45	77,700	54,800	45,400	37,200	30,200	19,400		
	55	62,400	43,800	36,300	29,800	24,200	15,300		
6DL3-270E	35					45,100	29,800	23,400	13,500
	45					38,000	25,200	19,700	10,700
	55						20,300	15,300	6,680
6DT3-300E	35					51,400	33,400	26,400	15,400
	45					42,800	27,900	21,900	12,100
	55						22,500	17,400	8,500
6DH3-350E	35	118,000	82,600	68,300	56,000	45,000	28,100		
	45	99,200	69,300	57,300	46,900	37,800	23,700		
	55	79,800	55,500	45,800	37,600	30,400	19,000		
6DJ3-400E	35	133,000	95,800	79,800	66,000	53,100	33,100		
	45	113,000	80,500	67,200	55,400	44,700	28,000		
	55	90,800	65,200	54,300	44,800	36,200	22,600		



Datos de Rendimiento de Semiherméticos Para Refrigeración - **HFC - 50 Hz - BTUH**

Modelo	Cond. Temp °F	45°F	25°F	20°F	15°F	10°F	-10°F	-20°F	-40°F
		7.2°C	-3.9°C	-6.7°C	-9.4°C	-12.2°C	-23.3°C	-28.9°C	-40.0°C
2DF3-030E	90						24,800	18,700	9,900
	110						19,900	15,000	7,300
	130						15,300	11,300	4,000
2DL3-040E	90						29,400	22,500	12,100
	110						24,000	18,200	9,200
	130						18,500	13,800	6,200
2DD3-050E	90	81,800	53,900	48,100	42,700	37,800	22,500		
	110	67,400	44,200	39,300	34,900	30,800	18,300		
	130	52,500	34,300	30,500	27,100	23,900	14,500		
2DB3-060E	90						35,900	27,500	14,900
	110						29,500	22,500	11,500
	130						23,100	17,500	8,400
2DA3-061E	90			58,600	52,200	46,300	28,200	26,200	14,200
	110			48,300	43,000	38,200	23,100	21,400	10,900
	130			37,700	33,900	30,200	18,100	16,700	8,000
2DL3-075E	90	100,000	65,600	58,600	52,200	46,300	28,200		
	110	82,200	54,000	48,300	43,000	38,200	23,100		
	130	64,600	42,600	37,700	33,900	30,200	18,100		
2DA3-075E	90	114,200	75,300	67,600	60,500	54,000	33,600		
	110	94,200	62,300	56,000	50,200	44,800	27,500		
	130	73,900	49,300	44,300	39,700	35,400	21,100		
3DA3A075E	90	136,700	90,000	80,100	71,400	63,400	38,500		
	110	110,000	73,100	65,600	58,800	52,500	32,500		
	130	86,700	58,900	53,200	47,800	42,800	26,100		
3DB3A075E	90						46,500	35,800	20,200
	110						39,100	30,200	16,100
	130						31,800	24,300	11,200
3DB3A100E	90	157,500	104,200	93,900	84,200	75,300	46,600		
	110	130,000	86,700	78,300	70,700	63,100	39,000		
	130	103,300	69,700	62,800	56,600	50,800	30,900		
3DS3A100E	90						63,700	49,500	28,000
	110						53,700	41,600	22,400
	130						43,300	33,200	16,400
4DA3-100E 4DA3-101E	90						66,200	51,400	28,800
	110						55,300	42,900	21,600
	130						44,000	33,200	11,300
3DF3A120E	90	196,700	130,000	116,700	104,700	93,300	58,200		
	110	161,700	107,500	96,700	87,000	77,900	48,600		
	130	127,500	85,800	77,500	69,800	61,300	39,100		
3DS3A150E	90	217,500	144,200	129,200	115,900	103,300	64,400		
	110	178,300	119,200	107,500	96,300	86,700	53,800		
	130	140,800	95,000	85,800	77,300	69,500	43,300		
4DL3-150E	90						87,500	68,500	38,400
	110						72,600	57,200	31,300
	130						58,300	44,800	21,000

Datos de Rendimiento de Semiherméticos Para Refrigeración - **HFC - 50 Hz - BTUH**

Modelo	Cond. Temp °F	45°F	25°F	20°F	15°F	10°F	-10°F	-20°F	-40°F
		7.2°C	-3.9°C	-6.7°C	-9.4°C	-12.2°C	-23.3°C	-28.9°C	-40.0°C
4DA3-200E	90	231,700	156,700	140,800	125,800	111,700	67,400		
	110	189,200	126,700	113,300	100,900	89,200	53,200		
	130	145,800	96,700	86,700	76,500	67,600	39,900		
4DT3-220E	90						107,500	84,200	46,300
	110						87,500	68,200	35,700
	130						69,900	53,300	21,900
4DT3-251E	90						107,500	84,200	46,300
	110						87,500	68,200	35,700
	130						69,900	53,300	21,900
4DH3-250E	90	288,300	198,300	178,300	159,500	141,700	86,700		
	110	234,200	161,700	145,000	129,800	115,800	72,400		
	130	185,800	128,300	115,000	102,700	90,800	57,300		
4DJ3-300E	90	353,300	237,500	212,500	190,300	169,200	101,700		
	110	290,000	194,200	174,200	155,800	138,300	84,200		
	130	228,300	152,500	136,700	122,300	109,200	67,300		
6DL3-270E	90						133,300	102,500	56,800
	110						110,800	85,000	44,400
	130						88,300	66,000	27,600
6DT3-300E	90						149,200	115,800	64,700
	110						123,300	95,000	50,300
	130						97,500	74,500	34,600
6DH3-350E	90	445,000	295,000	265,000	237,300	212,500	133,300		
	110	370,000	245,000	220,000	196,700	175,800	107,500		
	130	290,800	192,500	172,500	154,700	138,300	82,300		
6DJ3-400E	90	503,300	345,000	311,700	280,200	251,700	158,300		
	110	420,000	286,700	258,300	231,900	207,500	129,200		
	130	335,000	227,500	205,000	183,900	165,000	102,500		



Especificaciones Mecánicas de Semiherméticos Para Refrigeración - *HFC - 50 Hz*

Modelo	50Hz m ³ /hr	Dimensiones Generales (mm)			Dimensiones Entre Centros de Montaje (mm)		Peso (kg)
		L	W	H	L	W	
MODELOS DISCUS R-404A							
2DF3-030E	21.3	591	330	434	1 3/8	7/8	141
2DL3-040E	23.8	591	330	434	1 3/8	7/8	145
2DD3-050E	19.4	591	330	434	1 3/8	7/8	145
2DB3-060E	28.1	591	330	434	1 3/8	7/8	145
2DA3-061E	26.8	591	330	434	1 3/8	7/8	145
2DL3-075E	23.8	591	330	434	1 3/8	7/8	156
2DA3-075E	26.8	591	330	434	1 3/8	7/8	156
3DA3-075E	32.3	680	383	458	1 3/8	1 1/8	179
3DB3-075E	38.1	656	383	458	1 3/8	1 1/8	179
3DB3-100E	38.1	656	383	458	1 3/8	1 1/8	186
3DS3-100E	50.2	680	383	458	1 3/8	1 1/8	186
4DA3-100/1E	56.3	645	513	448	1 5/8	1 1/8	198
3DF3-120E	45.2	680	383	458	1 5/8	1 1/8	193
3DS3-150E	50.2	712	383	458	1 5/8	1 1/8	193
4DL3-150E	71.2	687	521	584	1 5/8	1 3/8	213
4DA3-200E	56.3	645	513	448	1 5/8	1 3/8	212
4DT3-220E	85	710	521	584	2 1/8	1 3/8	214
4DT3-251E	85	710	521	452	2 1/8	1 3/8	223
4DH3-250E	71.2	668	521	452	2 1/8	1 3/8	223
4DJ3-300E	85	687	521	452	2 1/8	1 3/8	228
6DL3-270E	106.8	748	570	660	2 1/8	1 3/8	249
6DT3-300E	127.5	748	570	733	2 1/8	1 3/8	273
6DH3-350E	106.8	767	570	456	2 1/8	1 3/8	262
6DJ3-400E	127.5	767	570	529	2 1/8	1 3/8	286



Selección de Voltaje de Semiherméticos Para Refrigeración - *HFC - 50 Hz*

Modelo	1 Fase	1 Fase	3 Fases	3 Fases	3 Fases	3 Fases
	200-50 (230-60)	220/50	200/220-50 (208/230-60)	380/420-50 (460-60)	200/400-50 (230/460-60)	380/420-50 PWS
MODELOS DISCUS R-404A						
2DF3-030E			TFC	TFD		
2DL3-040E			TFC	TFD		
2DD3-050E			TFC	TFD		
2DB3-060E			TFC	TFD		
2DL3-075E			TFC	TFD		
2DA3-075E			TFC	TFD		
3DA3A075E			TFC	TFD		
3DB3A075E			TFC	TFD		
3DB3A100E			TFC	TFD		
3DS3A100E			TFC	TFD		
4DA3-100E						FSD
4DA3-101E					TSK	
3DF3A120E			TFC	TFD		
3DS3A150E			TFC	TFD		
4DL3-150E					TSK	FSD
4DA3-200E					TSK	FSD
4DT3-220E					TSK	FSD
4DH3-250E					TSK	FSD
4DJ3-300E					TSK	FSD
6DL3-270E					TSK	FSD
6DT3-300E					TSK	FSD
6DH3-350E					TSN	FSD
6DJ3-400E					TSN	FSD

Voltaje de Datos de Placa	Copeland - Rango de Voltaje de Operación Condición Máxima de Carga Para Compresores
115	103 - 107
230	207 - 253
208/230 (1 Fase)	197 - 253
208/230 (3 Fases)	187 - 253
460	414 - 506
380	342 - 418
Todos los Otros Voltajes y Frecuencias	±10% Datos de Placa

Datos de Rendimiento de Semiherméticos Para Refrigeración - R-22 - 60 Hz - KCAL

		Demand Cooling y Ventilador de Cabeza son Requeridos Supercalentamiento Máximo 20 K Ventilador de Cabeza es Requerido								
Modelo	Cond. Temp °C	10°C	5°C	0	-5°C	-10°C	-15°C	-25°C	-30°C	-40°C
		50°F	41°F	32°F	23°F	14°F	5°F	-13°F	-22°F	-40°F
MODELOS DISCUS R-22										
2DF3-0300	35						9,730	5,590	4,180	2,140
	45						8,220	4,640	3,400	1,510
	55						6,830	3,700	2,620	810
2DL3-0400	35						10,900	6,730	5,040	2,520
	45						9,480	5,650	4,130	1,890
	55						7,940	4,490	3,130	1,210
2DCJ-0500	35	20,600	16,700	13,700	11,200	8,900	7,600	4,650	3,480	1,680
	45	18,300	14,600	11,800	9,500	7,510	6,550	3,840	2,790	1,290
	55	16,000	12,500	9,900	8,000	6,380	5,400	2,970	2,080	850
2DD3-0500	35	24,300	20,200	16,700	13,600	10,900	9,300	5,680		
	45	21,500	17,800	14,600	11,800	9,400	8,200			
	55	18,700	15,400	12,600	10,100	7,900	6,800			
2DA3-0610	35				19,000	15,600	12,700	7,810	5,870	2,920
	45				17,000	13,900	11,060	6,550	4,790	2,270
	55				14,800	11,800	9,220	5,120	3,600	1,540
2DB3-0600	35						13,400	8,270	6,300	3,280
	45						11,800	7,010	5,220	2,570
	55						10,100	5,670	4,060	1,790
2DL3-0750	35	29,900	25,000	20,700	17,000	13,800	11,100	6,810		
	45	26,800	22,300	18,400	15,000	12,000	9,400			
	55	23,400	19,400	15,900	12,900	10,300	7,800			
2DAJ-0750	35	33,800	28,200	23,400	19,300	15,620	12,100	7,380	5,520	2,660
	45	30,000	25,100	20,800	17,000	13,630	10,400	6,090	4,430	2,040
	55	26,200	21,900	18,000	14,600	11,440	8,580	4,710	3,300	1,350
3DA3A0710	35				23,300	19,100	15,200	9,520	7,380	4,080
	45				20,700	16,800	13,200	8,010	6,080	3,020
	55				18,100	14,600	11,300	6,560	4,800	1,960
3DA3A0750	35	40,300	33,900	28,200	23,300	19,100	15,200	9,520		
	45	36,000	30,200	25,100	20,700	16,800	13,200			
	55	31,800	26,600	22,000	18,100	14,600	11,300			
3DB3A0750	35						18,200	11,400	8,850	4,890
	45						16,000	9,700	7,360	3,650
	55						13,900	8,090	5,920	2,420

Datos de Rendimiento de Semiherméticos Para Refrigeración - R-22 - 60 Hz - KCAL

		Demand Cooling y Ventilador de Cabeza son Requeridos Supercalentamiento Máximo 20 K Ventilador de Cabeza es Requerido								
Modelo	Cond. Temp °C	10°C	5°C	0	-5°C	-10°C	-15°C	-25°C	-30°C	-40°C
		50°F	41°F	32°F	23°F	14°F	5°F	-13°F	-22°F	-40°F
MODELOS DISCUS R-22										
3DB3A0910	35				27,900	22,700	18,200	11,400	8,850	4,890
	45				25,000	20,100	16,000	9,700	7,360	3,650
	55				22,300	17,700	13,900	8,090	5,920	2,420
3DB3A1000	35	47,200	39,800	33,300	27,600	22,700	18,000	11,300		
	45	42,500	35,700	29,800	24,600	20,200	15,700			
	55	37,500	31,500	26,200	21,600	17,600	13,400			
4DA3-1000	35						25,930	16,080	12,170	5,920
	45						23,130	13,660	9,950	4,030
	55						19,630	10,690	7,210	1,740
3DF3A1200	35	55,600	47,000	39,200	32,400	26,400	22,900	14,200		
	45	49,600	41,800	34,900	28,700	23,400	20,300			
	55	43,700	36,700	30,500	25,100	20,400	17,000			
3DS3A1210	35				35,300	29,000	23,600	14,800	11,400	6,000
	45				32,300	26,200	21,000	12,800	9,630	4,840
	55				28,800	23,000	18,000	10,500	7,640	3,600
3DS3A1500	35	63,200	53,100	44,300	36,700	30,100	22,400	14,000	10,700	5,460
	45	56,300	47,300	39,400	32,700	26,800	19,800	11,900	8,900	4,350
	55	49,500	41,700	34,900	29,000	23,900	16,800	9,600	6,990	3,170
4DL3-1500	35						32,500	20,600	16,000	8,470
	45						29,000	17,700	13,300	6,400
	55						24,800	14,400	10,400	4,180
4DAJ-2000	35	71,600	59,200	48,500	39,400	31,800	24,600	15,200	11,400	5,390
	45	63,200	52,300	42,900	35,000	28,300	21,700	12,700	9,210	3,630
	55	54,700	45,200	37,000	30,100	24,300	18,300	9,800	6,590	1,530
4DT3-2200	35						38,700	23,800	18,600	10,100
	45						34,600	20,900	16,100	8,190
	55						29,900	17,300	12,900	5,470
4DT3-2510	35				63,000	49,400	38,700	23,800	18,600	10,100
	45				57,300	44,600	34,600	20,900	16,100	8,190
	55				51,000	39,100	29,900	17,300	12,900	5,470
4DH3-2500	35	88,000	75,200	63,000	51,600	41,500	31,600	19,400		
	45	78,500	66,800	55,600	45,400	36,200	27,300			
	55	68,900	58,300	48,200	38,900	30,800	22,700			

Datos de Rendimiento de Semiherméticos Para Refrigeración - R-22 - 60 Hz - KCAL

		Demand Cooling y Ventilador de Cabeza son Requeridos Supercalentamiento Máximo 20 K Ventilador de Cabeza es Requerido								
Modelo	Cond. Temp °C	10°C	5°C	0	-5°C	-10°C	-15°C	-25°C	-30°C	-40°C
		50°F	41°F	32°F	23°F	14°F	5°F	-13°F	-22°F	-40°F
MODELOS DISCUS R-22										
6DL3-2700	35				73,100	59,200	47,600	30,200	23,500	12,500
	45				66,300	53,350	42,600	26,400	20,100	9,580
	55				58,800	46,700	36,700	21,500	15,700	5,490
4DJ3-3000	35	103,000	87,600	73,300	60,300	48,800	36,900	22,700		
	45	92,700	78,200	65,000	53,300	43,000	32,100			
	55	81,500	68,300	56,400	45,900	36,900	26,900			
6DT3-3000	35						58,100	35,800	27,800	14,900
	45						51,400	31,200	24,100	12,400
	55						43,600	25,400	18,900	8,100
6DG3-3500	35	139,000	116,000	97,000	80,400	66,000	50,100	30,800		
	45	123,000	103,000	86,200	71,500	59,000	44,000			
	55	108,000	90,700	75,800	62,900	51,900	37,500			
6DJ3-4000	35	152,000	128,000	108,000	89,300	73,200	55,600	34,200		
	45	135,000	114,000	95,500	79,300	65,100	48,700			
	55	118,000	99,800	83,700	69,500	57,200	41,500			



Datos de Rendimiento de Semiherméticos Para Refrigeración - R-22 - 60 Hz - BTUH

		Demand Cooling y Ventilador de Cabeza son Requeridos							
		Supercalentamiento Máximo 20 K							
		Ventilador de Cabeza es Requerido							
Modelo	Cond. Temp °F	45°F	25°F	20°F	15°F	10°F	-10°F	-20°F	-40°F
		7.2°C	-3.9°C	-6.7°C	-9.4°C	-12.2°C	-23.3°C	-28.9°C	-40.0°C
MODELOS DISCUS R-22									
2DF3-0300	90						25,500	18,600	9,080
	110						21,000	15,000	6,440
	130						16,600	11,500	3,320
2DL3-0400	90						30,400	22,400	10,700
	110						25,400	18,300	7,960
	130						20,100	13,800	4,940
2DCJ-0500	90	82,800	54,100	48,500	43,100	32,600	19,900	14,500	7,100
	110	71,700	45,800	40,700	36,000	27,100	16,400	11,700	5,000
	130	60,800	37,900	33,600	29,700	22,700	12,900	9,000	2,600
2DD3-0500	90	89,900	58,500	52,100	46,200	40,700	22,600		
	110	78,600	50,500	44,700	39,300	34,400			
	130	67,300	42,500	37,300	32,600	28,200			
2DA3-0610	90		80,800	72,200	64,300	56,900	35,300	26,100	12,300
	110		70,900	63,100	55,800	48,800	29,500	21,300	9,440
	130		60,300	53,100	46,400	39,800	23,000	15,800	6,290
2DB3-0600	90						37,100	27,800	13,800
	110						31,400	22,900	10,700
	130						25,200	17,700	7,310
2DL3-0750	90	111,000	72,900	65,100	57,800	51,100	28,100		
	110	98,000	63,800	56,700	50,200	44,100			
	130	84,500	54,200	48,000	42,300	36,900			
2DAJ-0750	90	125,000	82,400	73,700	65,600	58,100	35,300	26,100	12,300
	110	110,200	72,300	64,400	56,900	49,800	29,500	21,300	9,440
	130	94,900	61,500	54,200	47,300	40,600	23,000	15,800	6,290
3DA3A0710	90		98,200	88,100	78,700	70,100	41,700	31,100	15,900
	110		86,200	77,100	68,800	61,100	35,600	26,000	11,900
	130		74,500	66,500	59,100	52,200	28,800	20,200	6,870
3DA3A0750	90	150,000	99,700	89,400	79,900	71,200	43,100		
	110	132,000	87,500	78,300	69,800	62,000			
	130	115,000	75,600	67,500	60,000	53,000			
3DB3A0750	90						51,000	38,800	20,600
	110						43,200	32,100	15,400
	130						35,700	25,600	9,900

Datos de Rendimiento de Semiherméticos Para Refrigeración - R-22 - 60 Hz - BTUH

		Demand Cooling y Ventilador de Cabeza son Requeridos							
		Supercalentamiento Máximo 20 K							
		Ventilador de Cabeza es Requerido							
Modelo	Cond. Temp °F	45°F	25°F	20°F	15°F	10°F	-10°F	-20°F	-40°F
		7.2°C	-3.9°C	-6.7°C	-9.4°C	-12.2°C	-23.3°C	-28.9°C	-40.0°C
MODELOS DISCUS R-22									
3DB3A0910	90		117,000	105,000	94,100	84,100	51,000	38,800	20,600
	110		103,000	92,600	82,900	74,000	43,200	32,100	15,400
	130		89,200	79,900	71,300	63,400	35,700	25,600	9,900
3DB3A1000	90	175,000	118,000	106,000	95,000	84,900	52,400		
	110	156,000	104,000	93,500	83,700	74,700			
	130	136,000	90,100	80,700	72,000	64,000			
4DA3-1000	90						71,900	53,700	25,400
	110						61,500	44,200	17,400
	130						48,300	32,100	7,480
3DF3A1200	90	207,000	138,000	124,000	110,000	98,200	60,000		
	110	183,000	122,000	109,000	97,100	86,300			
	130	159,000	105,000	93,800	83,500	74,100			
3DS3A1210	90		156,200	140,300	125,000	111,400	66,300	50,100	25,100
	110		137,300	123,400	110,300	98,400	56,900	42,100	20,000
	130		120,400	108,300	97,200	87,100	46,300	33,100	14,600
3DS3A1500	90	235,000	157,000	141,000	126,000	112,000	66,300	50,100	25,100
	110	207,000	138,000	124,000	110,900	98,900	56,900	42,100	20,000
	130	180,000	121,000	108,800	97,700	87,500	46,300	33,100	14,600
4DL3-1500	90						91,800	69,900	35,700
	110						78,800	58,400	26,800
	130						63,800	45,200	17,100
4DAJ-2000	90	266,000	170,000	151,000	134,000	118,000	69,200	53,200	25,100
	110	231,000	148,000	132,000	117,000	104,000	61,600	43,800	17,200
	130	197,000	127,000	112,700	100,000	88,600	47,800	31,800	
4DT3-2200	90						106,000	81,200	42,500
	110						92,200	69,600	33,800
	130						76,200	55,700	22,500
4DT3-2510	90		259,000	231,000	205,000	182,000	106,000	81,200	42,500
	110		226,000	202,000	179,000	158,000	92,200	69,600	33,800
	130		193,000	171,000	152,000	134,000	76,200	55,700	22,500
4DH3-2500	90	330,000	222,000	197,000	175,000	154,000	91,900		
	110	291,000	193,000	171,000	151,000	133,000			
	130	252,000	164,000	144,000	127,000	110,000			

Datos de Rendimiento de Semiherméticos Para Refrigeración - R-22 - 60 Hz - BTUH

		Demand Cooling y Ventilador de Cabeza son Requeridos							
		Supercalentamiento Máximo 20 K							
		Ventilador de Cabeza es Requerido							
Modelo	Cond. Temp °F	45°F	25°F	20°F	15°F	10°F	-10°F	-20°F	-40°F
		7.2°C	-3.9°C	-6.7°C	-9.4°C	-12.2°C	-23.3°C	-28.9°C	-40.0°C
MODELOS DISCUS R-22									
6DL3-2700	90						134,000	103,000	52,500
	110						117,000	87,500	40,100
	130						95,400	68,300	22,900
4DJ3-3000	90	386,000	259,000	231,000	205,000	182,000	106,000		
	110	342,000	226,000	202,000	179,000	158,000			
	130	296,000	193,000	171,000	152,000	134,000			
6DT3-3000	90						160,000	121,000	62,300
	110						138,000	104,000	51,100
	130						112,000	81,800	33,600
6DG3-3500	90	516,000	344,000	308,000	278,000	247,000	153,000		
	110	451,000	302,000	271,000	245,000	218,000			
	130	392,000	262,000	236,000	213,000	189,000			
6DJ3-4000	90	567,000	382,000	343,000	307,000	273,000	165,000		
	110	498,000	335,000	301,000	270,000	240,000			
	130	430,000	290,000	261,000	234,000	209,000			



Especificaciones Mecánicas de Semiherméticos Para Refrigeración - R-22 - 60 Hz

Modelo	60Hz m3/hr	Dimensiones Generales (mm)			Dimensiones Entre Centros de Montaje (mm)		Tamaño de Linea (pulgadas)		Peso (kg)
		L	W	H	L	W	Descarga	Succión	
MODELOS DISCUS R-22									
2DF3-0300	25.6	591	330	434	295	279	1 3/8	7/8	141
2DL3-0400	28.5	591	330	434	295	279	1 3/8	7/8	145
2DCJ-0500	20.3	591	330	434	295	279	1 3/8	7/8	145
2DD3-0500	23.3	591	330	434	295	279	1 3/8	7/8	145
2DA3-0610	32.1	591	330	434	295	279	1 3/8	7/8	145
2DB3-0600	33.7	591	330	434	295	279	1 3/8	7/8	145
2DL3-0750	28.5	591	330	434	295	279	1 3/8	7/8	156
2DAJ-0750	32.1	591	330	434	295	279	1 3/8	7/8	156
3DA3-0710	38.8	680	383	458	381	305	1 3/8	1 1/8	179
3DA3-0750	38.8	680	383	458	381	305	1 3/8	1 1/8	179
3DB3-0750	45.7	656	383	458	381	305	1 3/8	1 1/8	179
3DB3-0910	45.7	680	383	458	381	305	1 3/8	1 1/8	186
3DB3-1000	45.7	680	383	458	381	305	1 3/8	1 1/8	186
4DA3-1000	67.5	645	513	448	381	305	1 5/8	1 1/8	198
3DF3-1200	54.2	680	383	458	381	305	1 5/8	1 1/8	193
3DS3-1210	60.2	680	383	458	381	305	1 3/8	1 1/8	186
3DS3-1500	60.2	712	383	458	381	305	1 5/8	1 1/8	193
4DL3-1500	85.4	687	521	584	381	305	1 5/8	1 1/8	213
4DAJ-2000	67.5	645	513	448	381	305	1 5/8	1 3/8	212
4DB3-2010	78.1	668	521	452	381	305	2 1/8	1 3/8	223
4DT3-2200	102	710	521	584	381	305	2 1/8	1 3/8	214
4DT3-2510	102	710	521	584	381	305	2 1/8	1 3/8	214
4DH3-2500	85.4	668	521	452	381	305	2 1/8	1 3/8	223
6DL3-2700	128.1	748	570	733	381	305	2 1/8	1 3/8	249
4DJ3-3000	102	687	521	452	381	305	2 1/8	1 3/8	228
6DT3-3000	153	748	570	733	381	305	2 1/8	1 3/8	273
6DG3-3500	140.3	767	570	456	381	305	2 1/8	1 5/8	262
6DJ3-4000	153	767	570	529	381	305	2 1/8	1 5/8	286

Selección de Voltaje de Semiherméticos Para Refrigeración - R-22 - 60 Hz

Modelo	1 Fase 230-60 (220-50)	3 Fases 230-60 220-50	3 Fases 380-60	3 Fases 460-60 400-50	3 Fases 230/460-60 200/400-50	3 Fases 220/380-60	3 Fases 460-60 PWS 400-50 PWS
MODELOS DISCUS R-22							
2DF3-0300	CFB	TFC		TFD			
2DL3-0400		TFC		TFD			
2DCJ-0500	CFB	TFC		TFD			
2DD3-0500		TFC		TFD			
2DA3-0610						ESX	
2DB3-0600		TFC		TFD			
2DL3-0750		TFC		TFD			
2DAJ-0750		TFC		TFD			
3DA3A0710						ESX	
3DA3A0750		TFC		TFD			
3DB3A0750		TFC		TFD		ES8	
3DB3A0910						ESX	
3DB3A1000		TFC		TFD		ES8	
4DA3-1000					TSK		FSD
3DF3A1200		TFC		TFD			
3DS3A1210						ES8	
3DS3A1500		TFC		TFD		ES8	
4DL3-1500					TSK	ES8	FSD
4DAJ-2000					TSK		FSD
4DB3-2010						ESX	
4DT3-2200					TSK	ES8	FSD
4DT3-2510						ESX	
4DH3-2500					TSK	ES8	FSD
6DL3-2700					TSK	ES8	FSD
4DJ3-3000					TSK		FSD
6DT3-3000					TSK		FSD
6DG3-3500					TSN	ES8	FSD
6DJ3-4000					TSN		FSD

Voltaje de Datos de Placa	Copeland - Rango de Voltaje de Operación Condición Máxima de Carga Para Compresores
115	103 - 107
230	207 - 253
208/230 (1 Fase)	197 - 253
208/230 (3 Fases)	187 - 253
460	414 - 506
380	342 - 418
Todos los Otros Voltajes y Frecuencias	±10% Datos de Placa

Datos de Rendimiento de Semiherméticos Para Refrigeración - **HFC - 60 Hz - KCAL**

Modelo	Cond. Temp °C	10°C	0	-5°C	-10°C	-15°C	-25°C	-30°C	-40°C
		50°F	32°F	23°F	14°F	5°F	-13°F	-22°F	-40°F
MODELOS DISCUS R-404A									
2DF3-030E	35					10,500	6,530	5,040	2,820
	45					8,500	5,340	4,110	2,070
	55						4,180	3,100	1,130
2DL3-040E	35					12,300	7,840	6,120	3,430
	45					10,200	6,450	4,990	2,650
	55						5,070	3,830	1,810
2DD3-050E	35	26,000	18,200	14,900	12,000	9,650	5,990		
	45	21,700	15,100	12,300	10,000	7,980	4,920		
	55	17,200	11,900	9,750	7,860	6,290	3,850		
2DB3-060E	35					14,900	9,600	7,510	4,230
	45					12,400	7,990	6,200	3,330
	55						6,350	4,890	2,500
2DA3-061E	35			20,900	17,100	13,800	8,530	7,150	4,030
	45			17,500	14,400	11,500	7,090	5,910	3,170
	55			14,100	11,600	9,300	5,670	4,660	2,380
2DL3-075E	35	31,800	22,100	18,100	14,700	12,000	7,680		
	45	26,500	18,400	15,100	12,300	10,000	6,320		
	55	21,200	14,800	12,100	9,880	7,980	4,960		
2DA3-075E	35	36,400	25,300	20,900	17,100	13,800	8,530		
	45	30,300	21,100	17,500	14,400	11,500	7,090		
	55	24,300	17,000	14,100	11,600	9,300	5,670		
3DA3A075E	35	43,100	29,900	24,600	20,100	15,900	9,820		
	45	35,300	24,800	20,500	16,900	13,500	8,380		
	55	28,400	20,200	16,900	14,000	11,200	7,000		
3DB3A075E	35					19,500	12,500	9,880	5,820
	45					16,400	10,600	8,390	4,660
	55						8,800	6,830	3,300
3DB3A100E	35	50,100	35,000	29,000	23,900	19,400	12,270		
	45	41,900	29,400	24,500	20,200	16,400	10,390		
	55	33,800	23,900	20,000	16,600	13,500	8,500		
3DS3A100E	35					26,100	17,200	13,700	8,090
	45					22,200	14,600	11,500	6,500
	55						12,000	9,370	4,890
4DA3-100E 4DA3-101E	35					27,800	17,800	14,100	8,190
	45					23,300	15,100	11,900	6,120
	55						12,100	9,220	3,200
3DF3A120E	35	62,400	43,600	36,100	29,600	24,000	15,230		
	45	52,000	36,500	30,300	25,000	20,300	12,840		
	55	41,700	29,500	24,600	20,400	16,600	10,490		
3DS3A150E	35	69,200	48,300	39,900	32,800	26,600	16,870		
	45	57,600	40,400	33,500	27,600	22,500	14,210		
	55	46,200	32,700	27,300	22,600	18,400	11,610		

Datos de Rendimiento de Semiherméticos Para Refrigeración - **HFC - 60 Hz - KCAL**

Modelo	Cond. Temp °C	10°C	0	-5°C	-10°C	-15°C	-25°C	-30°C	-40°C
		50°F	32°F	23°F	14°F	5°F	-13°F	-22°F	-40°F
MODELOS DISCUS R-404A									
4DL3-150E	35					35,600	23,400	18,800	11,000
	45					30,200	19,900	16,000	9,120
	55						16,100	12,600	6,140
4DA3-200E	35	73,000	52,200	43,300	35,300	28,600	18,300		
	45	60,300	42,800	35,300	28,700	23,300	14,980		
	55	47,700	33,500	27,500	22,300	18,100	11,460		
4DT3-220E	35					43,100	28,700	22,900	13,300
	45					35,600	23,800	18,900	10,200
	55						19,400	14,900	6,380
4DT3-251E	35			65,500	53,600	43,100	28,700	22,900	13,300
	45			54,500	44,600	35,600	23,800	18,900	10,200
	55			43,500	35,700	29,000	19,400	14,900	6,380
4DH3-250E	35	90,000	65,700	54,700	44,800	36,300	23,200		
	45	74,100	54,400	45,400	37,100	30,200	19,400		
	55	60,100	44,100	36,700	29,900	24,300	15,400		
4DJ3-300E	35	112,000	79,100	65,500	53,600	43,400	27,750		
	45	93,200	65,800	54,500	44,600	36,200	23,270		
	55	74,900	52,600	43,500	35,700	29,000	18,360		
6DL3-270E	35					54,100	35,700	28,100	16,200
	45					45,600	30,200	23,600	12,800
	55						24,300	18,300	8,010
6DT3-300E	35					61,700	40,100	31,700	18,500
	45					51,400	33,500	26,300	14,500
	55						27,000	20,900	10,200
6DH3-350E	35	142,000	99,100	81,900	67,200	54,000	33,700		
	45	119,000	83,200	68,700	56,300	45,400	28,400		
	55	95,700	66,600	55,000	45,100	36,500	22,800		
6DJ3-400E	35	159,000	115,000	95,800	79,200	63,700	39,710		
	45	135,000	96,600	80,600	66,500	53,600	33,540		
	55	109,000	78,200	65,100	53,700	43,400	27,130		



Datos de Rendimiento de Semiherméticos Para Refrigeración - **HFC - 60 Hz - BTUH**

Modelo	Cond. Temp °F	45°F	25°F	20°F	15°F	10°F	-10°F	-20°F	-40°F
		7.2°C	-3.9°C	-6.7°C	-9.4°C	-12.2°C	-23.3°C	-28.9°C	-40.0°C
MODELOS DISCUS R-404A									
2DF3-030E	90						29,700	22,400	11,900
	110						23,900	18,000	8,730
	130						18,400	13,500	4,750
2DL3-040E	90						35,300	27,000	14,500
	110						28,800	21,800	11,000
	130						22,200	16,500	7,410
2DD3-050E	90	98,200	64,700	57,700	51,200	45,300	27,000		
	110	80,900	53,000	47,200	41,900	37,000	22,000		
	130	63,000	41,100	36,600	32,500	28,700	17,400		
2DB3-060E	90						43,100	33,000	17,900
	110						35,400	27,000	13,800
	130						27,700	21,000	10,100
2DA3-061E	90			70,300	62,600	55,600	33,800	31,400	17,000
	110			57,900	51,600	45,800	27,700	25,700	13,100
	130			45,200	40,700	36,200	21,700	20,000	9,600
2DL3-075E	90	120,000	78,700	70,300	62,600	55,600	33,800		
	110	98,600	64,800	57,900	51,600	45,800	27,700		
	130	77,500	51,100	45,200	40,700	36,200	21,700		
2DA3-075E	90	137,000	90,400	81,100	72,600	64,800	40,300		
	110	113,000	74,800	67,200	60,200	53,800	33,000		
	130	88,700	59,100	53,100	47,600	42,500	25,300		
3DA3A075E	90	164,000	108,000	96,100	85,700	76,100	46,200		
	110	132,000	87,700	78,700	70,500	63,000	39,000		
	130	104,000	70,700	63,800	57,300	51,400	31,300		
3DB3A075E	90						55,800	43,000	24,200
	110						46,900	36,200	19,300
	130						38,100	29,100	13,400
3DB3A100E	90	189,000	125,000	112,700	101,000	90,300	55,900		
	110	156,000	104,000	94,000	84,800	75,700	46,800		
	130	124,000	83,600	75,400	67,900	61,000	37,100		
3DS3A100E	90						76,400	59,400	33,600
	110						64,400	49,900	26,900
	130						52,000	39,800	19,700
4DA3-100E 4DA3-101E	90						79,400	61,700	34,500
	110						66,300	51,500	25,900
	130						52,800	39,800	13,500

Datos de Rendimiento de Semiherméticos Para Refrigeración - **HFC - 60 Hz - BTUH**

Modelo	Cond. Temp °F	45°F	25°F	20°F	15°F	10°F	-10°F	-20°F	-40°F
		7.2°C	-3.9°C	-6.7°C	-9.4°C	-12.2°C	-23.3°C	-28.9°C	-40.0°C
MODELOS DISCUS R-404A									
3DF3A120E	90	236,000	156,000	140,000	125,600	112,000	69,800		
	110	194,000	129,000	116,000	104,400	93,500	58,300		
	130	153,000	103,000	93,000	83,800	73,500	46,900		
3DS3A150E	90	261,000	173,000	155,000	139,100	124,000	77,300		
	110	214,000	143,000	129,000	115,600	104,000	64,500		
	130	169,000	114,000	103,000	92,800	83,400	51,900		
4DL3-150E	90						105,000	82,200	46,100
	110						87,100	68,600	37,600
	130						69,900	53,800	25,200
4DA3-200E	90	278,000	188,000	169,000	150,900	134,000	80,900		
	110	227,000	152,000	136,000	121,100	107,000	63,800		
	130	175,000	116,000	104,000	91,800	81,100	47,900		
4DT3-220E	90						129,000	101,000	55,500
	110						105,000	81,800	42,800
	130						83,900	64,000	26,300
4DT3-251E	90			255,000	228,300	203,000	129,000	101,000	55,500
	110			209,000	186,900	166,000	105,000	81,800	42,800
	130			164,000	146,700	131,000	83,900	64,000	26,300
4DH3-250E	90	346,000	238,000	214,000	191,400	170,000	104,000		
	110	281,000	194,000	174,000	155,800	139,000	86,900		
	130	223,000	154,000	138,000	123,200	109,000	68,700		
4DJ3-300E	90	424,000	285,000	255,000	228,300	203,000	122,000		
	110	348,000	233,000	209,000	186,900	166,000	101,000		
	130	274,000	183,000	164,000	146,700	131,000	80,700		
6DL3-270E	90						160,000	123,000	68,100
	110						133,000	102,000	53,300
	130						106,000	79,200	33,100
6DT3-300E	90						179,000	139,000	77,600
	110						148,000	114,000	60,300
	130						117,000	89,400	41,500
6DH3-350E	90	534,000	354,000	318,000	284,800	255,000	160,000		
	110	444,000	294,000	264,000	236,000	211,000	129,000		
	130	349,000	231,000	207,000	185,600	166,000	98,800		
6DJ3-400E	90	604,000	414,000	374,000	336,200	302,000	190,000		
	110	504,000	344,000	310,000	278,300	249,000	155,000		
	130	402,000	273,000	246,000	220,700	198,000	123,000		

Especificaciones Mecánicas de Semiherméticos Para Refrigeración - HFC - 60 Hz

Modelo	60Hz m3/hr	Dimensiones Generales (mm)			Dimensiones Entre Centros de Montaje (mm)		Peso (kg)
		L	W	H	L	W	
MODELOS DISCUS R-404A							
2DF3-030E	25.6	591	330	434	1 3/8	7/8	141
2DL3-040E	28.5	591	330	434	1 3/8	7/8	145
2DD3-050E	23.3	591	330	434	1 3/8	7/8	145
2DB3-060E	33.7	591	330	434	1 3/8	7/8	145
2DA3-061E	32.1	591	330	434	1 3/8	7/8	145
2DL3-075E	28.5	591	330	434	1 3/8	7/8	156
2DA3-075E	32.1	591	330	434	1 3/8	7/8	156
3DA3-075E	38.8	680	383	458	1 3/8	1 1/8	179
3DB3-075E	45.7	656	383	458	1 3/8	1 1/8	179
3DB3-100E	45.7	656	383	458	1 3/8	1 1/8	186
3DS3-100E	60.2	680	383	458	1 3/8	1 1/8	186
4DA3-100/1E	67.5	645	513	448	1 5/8	1 1/8	198
3DF3-120E	54.2	680	383	458	1 5/8	1 1/8	193
3DS3-150E	60.2	712	383	458	1 5/8	1 1/8	193
4DL3-150E	85.4	687	521	584	1 5/8	1 3/8	213
4DA3-200E	67.5	645	513	448	1 5/8	1 3/8	212
4DT3-220E	102	710	521	584	2 1/8	1 3/8	214
4DT3-251E	102	710	521	452	2 1/8	1 3/8	223
4DH3-250E	85.4	668	521	452	2 1/8	1 3/8	223
4DJ3-300E	102	687	521	452	2 1/8	1 3/8	228
6DL3-270E	128.1	748	570	660	2 1/8	1 3/8	249
6DT3-300E	153	748	570	733	2 1/8	1 3/8	273
6DH3-350E	128.1	767	570	456	2 1/8	1 3/8	262
6DJ3-400E	153	767	570	529	2 1/8	1 3/8	286



Especificaciones Mecánicas de Semiherméticos Para Refrigeración - HFC - 60 Hz

Modelo	1 Fase 115-60	1 Fase 230-60 (220-50)	3 Fases 230-60 220-50	3 Fases 380-60	3 Fases 460-60 400-50	3 Fases 230/460-60 200/400-50	3 Fases 220/380-60	3 Fases 460-60 PWS 400-50 PWS
MODELOS DISCUS R-404A								
2DF3-030E		CFB	TFC		TFD			
2DL3-040E			TFC		TFD			
2DD3-050E			TFC		TFD			
2DB3-060E			TFC		TFD			
2DA3-061E							ESX	
2DL3-075E			TFC		TFD			
2DA3-075E			TFC		TFD			
3DA3A075E			TFC		TFD			
3DB3A075E			TFC		TFD			
3DB3A100E			TFC		TFD			
3DS3A100E			TFC		TFD			
4DA3-100E								FSD
4DA3-101E						TSK		
3DF3A120E			TFC		TFD			
3DS3A150E			TFC		TFD			
4DL3-150E						TSK		FSD
4DA3-200E						TSK		FSD
4DT3-220E						TSK		FSD
4DT3-251E							ESX	
4DH3-250E						TSK	ES8	FSD
4DJ3-300E						TSK		FSD
6DL3-270E						TSK	ES8	FSD
6DT3-300E						TSK		FSD
6DH3-350E						TSN		FSD
6DJ3-400E						TSN		FSD

Voltaje de Datos de Placa	Copeland - Rango de Voltaje de Operación Condición Máxima de Carga Para Compresores
115	103 - 107
230	207 - 253
208/230 (1 Fase)	197 - 253
208/230 (3 Fases)	187 - 253
460	414 - 506
380	342 - 418
Todos los Otros Voltajes y Frecuencias	±10% Datos de Placa