



***Compresores Semiherméticos  
Para Aire Acondicionado  
(Enfriados Por Refrigerante)***

***[www.EmersonClimate.com/espanol](http://www.EmersonClimate.com/espanol)***

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

Modelo	Cond. Temp °C	10°C	5°C	0	-5°C	-10°C	-15°C	-20°C	-25°C
		50°F	41°F	32°F	23°F	14°F	5°F	-4°F	-13°F
<b>MODELOS ENFRIADOS POR REFRIGERANTE R-22</b>									
<b>NRA2-0500</b>	35	17,900	14,800	12,200	9,830	7,880			
	45	15,700	13,000	10,700	8,580	6,810			
	55	13,200	10,800	8,830	7,100	5,630			
<b>NRM1-0500</b>	35	21,300	17,700	14,600	11,800	9,580			
	45	18,800	15,600	12,800	10,300	8,330			
	55	16,400	13,500	11,000	8,860	7,080			
<b>MRH4-0760</b>	35	25,700	21,300	17,500	14,200	11,300			
	45	22,500	18,700	15,300	12,300	9,830			
	55	18,800	15,500	12,800	10,300	8,330			
<b>9RC1-1015</b>	35	34,900	29,300	24,600	20,400	16,800			
	45	31,200	26,200	21,800	18,000	14,600			
	55	27,700	23,200	19,300	15,700	12,300			
<b>9RS1-1505</b>	35	48,300	39,800	32,800	26,900	21,500			
	45	42,100	34,800	28,700	23,000	17,600			
	55	35,800	30,000	24,800	19,800	14,500			
<b>4RA3-2000</b>	35	55,100	46,000	38,100	31,300	25,500			
	45	49,000	40,500	33,300	27,000	21,900			
	55	42,800	35,100	28,500	23,100	18,700			
<b>4RH1-2500</b>	35	73,300	60,500	49,300	39,700	31,600			
	45	63,600	52,200	42,300	34,000	27,200			
	55	53,200	43,400	35,200	28,400	23,000			
<b>4RJ2-3000</b>	35	85,000	71,800	59,500	48,400	38,800			
	45	73,400	61,800	50,900	41,300	32,900			
	55	61,600	51,600	42,300	34,200	27,200			
<b>6RH1-3500</b>	35	107,000	88,800	72,800	58,800	47,100			
	45	94,200	78,300	64,400	52,500	42,500			
	55	80,000	66,500	55,000	45,400	37,600			
<b>6RJ1-4000</b>	35	118,000	97,500	79,500	64,400	50,900			
	45	104,000	85,000	69,500	56,200	44,300			
	55	90,000	73,300	59,600	48,100	37,700			

Datos de Rendimiento de Semiherméticos Para Aire Acondicionado - **R-22 - 50 Hz - BTUH**

Modelo	Cond. Temp °F	45°F	35°F	25°F	20°F	15°F	10°F	0°F	-10°F
		7.2°C	1.7°C	-3.9°C	-6.7°C	-9.4°C	-12.2°C	-17.8°C	-23.3°C
<b>MODELOS ENFRIADOS POR REFRIGERANTE R-22</b>									
<b>NRA2-0500</b>	90	66,300	53,700	42,600	37,600	32,900			
	110	57,600	46,500	36,700	32,300	28,200			
	130	48,000	38,600	30,300	26,500	23,100			
<b>NRM1-0500</b>	90	79,400	64,300	51,000	45,400	40,400			
	110	69,300	56,000	44,200	39,300	34,800			
	130	59,300	47,600	37,300	33,000	29,100			
<b>MRH4-0760</b>	90	95,400	77,500	61,700	54,200	47,500			
	110	82,100	66,700	53,300	46,700	40,800			
	130	68,300	55,800	44,200	38,800	34,200			
<b>9RC1-1015</b>	90	130,000	107,000	87,500	79,200	70,800			
	110	115,000	94,200	76,700	68,300	60,000			
	130	100,000	81,700	65,000	57,900	51,300			
<b>9RS1-1505</b>	90	178,000	143,000	116,000	103,000	91,700			
	110	153,000	124,000	99,200	87,500	76,300			
	130	118,000	95,800	75,000	65,000	55,000			
<b>4RA3-2000</b>	90	218,000	179,000	141,000	128,000	117,000			
	110	193,000	159,000	124,000	110,000	96,700			
	130	167,000	137,000	107,000	94,200	82,300			
<b>4RH1-2500</b>	90	291,000	232,000	183,000	162,000	145,000			
	110	249,000	198,000	156,000	138,000	123,000			
	130	208,000	166,000	130,000	115,000	102,000			
<b>4RJ2-3000</b>	90	320,000	263,000	210,000	187,000	163,000			
	110	273,000	223,000	177,000	157,000	138,000			
	130	224,000	183,000	145,000	129,000	113,000			
<b>6RH1-3500</b>	90	402,000	321,000	253,000	223,000	199,000			
	110	346,000	282,000	226,000	201,000	179,000			
	130	298,000	244,000	196,000	174,000	155,000			
<b>6RJ1-4000</b>	90	433,000	350,000	283,000	242,000	215,000			
	110	379,000	304,000	233,000	213,000	185,000			
	130	323,000	258,000	200,000	177,000	154,000			

Selección de Voltaje de Semiherméticos Para Aire Acondicionado - 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
<b>MODELOS ENFRIADOS POR REFRIGERANTE R-22</b>						
ERC*-0200	CAB		TAC	TAD		
ERF*-0310	CAB		TAC	TAD		
3RA*-0310	CAB		TAC	TAD		
NRB2-0401			TAC	TAD		
NRA2-0500			TFC	TFD		
NRM1-0500			TFC	TFD		
MRH4-0760			TFC	TFD		FSM
9RJ1-0765			TFC	TFD		FSM
9RC1-1015			TFC	TFD		FSM
9RS1-1505			TSC	TFD		FSM
4RA3-2000					TSK	FSD
4RH1-2500					TSK	FSD
4RJ2-3000					TSK	FSD
6RH1-3500					TSK	FSD
6RJ1-4000					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

Especificaciones Mecánicas de Semiherméticos Para Aire Acondicionado - **R-22**

Modelo	50Hz m <sup>3</sup> /hr	Dimensiones Generales (mm)			Dimensiones Entre Centros de Montaje (mm)		Peso (kg)
		L	W	H	L	W	
<b>MODELOS ENFRIADOS POR REFRIGERANTE R-22</b>							
<b>ERC*-0200</b>	8	410	305	322	7/8	5/8	84
<b>ERF*-0311</b>	10.9	435	305	322	1 1/8	5/8	93
<b>3RA*-0310</b>	14.8	457	330	322	1 1/8	5/8	93
<b>NRB2-0400</b>	16.4	511	330	387	1 1/8	5/8	121
<b>NRA2-0500</b>	19.3	511	330	387	1 1/8	5/8	121
<b>NRM1-0500</b>	22.9	535	330	387	1 1/8	5/8	121
<b>MRH4-0760</b>	26.8	594	330	430	1 3/8	1 1/8	147
<b>9RJ1-0765</b>	32.3	653	383	445	1 3/8	1 1/8	166
<b>9RC1-1015</b>	38.1	675	383	445	1 3/8	1 1/8	180
<b>9RS1-1505</b>	50.2	698	383	445	1 5/8	1 1/8	190
<b>4RA3-2000</b>	84.4	625	472	422	1 5/8	1 1/8	206
<b>4RH1-2500</b>	71.2	671	481	454	2 1/8	1 1/8	217
<b>4RJ2-3000</b>	85	690	503	454	2 1/8	1 1/8	245
<b>6RH1-3500</b>	106.8	766	521	454	2 1/8	1 1/8	253
<b>6RJ1-4000</b>	127.5	766	549	530	2 1/8	1 1/8	279



Datos de Rendimiento de Semiherméticos Para Aire Acondicionado - **R-22 - 60 Hz - KCAL**

Modelo	Cond. Temp °C	10°C	5°C	0	-5°C	-10°C	-15°C	-20°C	-25°C
		50°F	41°F	32°F	23°F	14°F	5°F	-4°F	-13°F
<b>MODELOS ENFRIADOS POR REFRIGERANTE R-22</b>									
<b>NRA2-0500</b>	35	21,500	17,800	14,600	11,800	9,450			
	45	18,800	15,600	12,800	10,300	8,170			
	55	15,800	13,000	10,600	8,520	6,750			
<b>NRM1-0500</b>	35	25,600	21,200	17,500	14,200	11,490			
	45	22,600	18,700	15,300	12,400	10,000			
	55	19,700	16,200	13,200	10,630	8,490			
<b>MRH4-0760</b>	35	30,800	25,600	21,000	17,000	13,500			
	45	27,000	22,400	18,300	14,800	11,800			
	55	22,500	18,600	15,300	12,400	10,000			
<b>9RC1-1015</b>	35	41,900	35,200	29,500	24,500	20,100			
	45	37,400	31,400	26,200	21,600	17,500			
	55	33,200	27,800	23,100	18,800	14,800			
<b>9RS1-1505</b>	35	57,900	47,800	39,400	32,300	25,800			
	45	50,500	41,800	34,400	27,600	21,100			
	55	42,900	36,000	29,800	23,800	17,400			
<b>4RA3-2000</b>	35	66,100	55,200	45,700	37,500	30,600			
	45	58,800	48,600	39,900	32,400	26,300			
	55	51,300	42,100	34,200	27,700	22,400			
<b>4RH1-2500</b>	35	88,000	72,600	59,100	47,600	37,900			
	45	76,300	62,600	50,800	40,800	32,600			
	55	63,800	52,100	42,200	34,100	27,600			
<b>4RJ2-3000</b>	35	102,000	86,200	71,400	58,100	46,500			
	45	88,100	74,100	61,100	49,500	39,500			
	55	73,900	61,900	50,800	41,000	32,600			
<b>6RH1-3500</b>	35	128,000	106,500	87,300	70,600	56,500			
	45	113,000	94,000	77,300	63,000	51,000			
	55	96,000	79,800	66,000	54,500	45,100			
<b>6RJ1-4000</b>	35	142,000	117,000	95,400	77,300	61,100			
	45	125,000	102,000	83,400	67,400	53,100			
	55	108,000	88,000	71,500	57,700	45,200			

Datos de Rendimiento de Semiherméticos Para Aire Acondicionado - **R-22 - 60 Hz - BTUH**

Modelo	Cond. Temp °F	45°F	35°F	25°F	20°F	15°F	10°F	0°F	-10°F
		7.2°C	1.7°C	-3.9°C	-6.7°C	-9.4°C	-12.2°C	-17.8°C	-23.3°C
<b>MODELOS ENFRIADOS POR REFRIGERANTE R-22</b>									
<b>NRA2-0500</b>	90	79,600	64,400	51,100	45,100	39,500			
	110	69,100	55,800	44,000	38,700	33,800			
	130	57,600	46,290	36,300	31,800	27,700			
<b>NRM1-0500</b>	90	95,300	77,100	61,200	54,500	48,500			
	110	83,200	67,200	53,000	47,100	41,700			
	130	71,100	57,100	44,800	39,600	34,900			
<b>MRH4-0760</b>	90	114,500	93,000	74,000	65,000	57,000			
	110	98,500	80,000	64,000	56,000	49,000			
	130	82,000	67,000	53,000	46,500	41,000			
<b>9RC1-1015</b>	90	156,000	128,000	105,000	95,000	85,000			
	110	138,000	113,000	92,000	82,000	72,000			
	130	120,000	98,000	78,000	69,500	61,500			
<b>9RS1-1505</b>	90	213,000	172,000	139,000	124,000	110,000			
	110	184,000	149,000	119,000	105,000	91,500			
	130	142,000	115,000	90,000	78,000	66,000			
<b>4RA3-2000</b>	90	261,000	215,000	169,000	153,000	140,000			
	110	232,000	191,000	149,000	132,000	116,000			
	130	200,000	164,000	128,000	113,000	98,800			
<b>4RH1-2500</b>	90	349,000	278,000	219,000	194,000	174,000			
	110	299,000	238,000	187,000	165,000	147,000			
	130	249,000	199,000	156,000	138,000	122,000			
<b>4RJ2-3000</b>	90	384,000	315,000	252,000	224,000	196,000			
	110	327,000	268,000	212,000	188,000	165,000			
	130	269,000	220,000	174,000	155,000	135,000			
<b>6RH1-3500</b>	90	482,000	385,000	303,000	268,000	239,000			
	110	415,000	338,000	271,000	241,000	215,000			
	130	357,000	293,000	235,000	209,000	186,000			
<b>6RJ1-4000</b>	90	520,000	420,000	340,000	290,000	258,000			
	110	455,000	365,000	280,000	255,000	222,000			
	130	387,000	310,000	240,000	212,000	185,000			

Especificaciones Mecánicas de Semiherméticos Para Aire Acondicionado - **R-22**

Modelo	50Hz m <sup>3</sup> /hr	Dimensiones Generales (mm)			Dimensiones Entre Centros de Montaje (mm)		Peso (kg)
		L	W	H	L	W	
<b>MODELOS ENFRIADOS POR REFRIGERANTE R-22</b>							
<b>ERC*-0200</b>	9.6	410	305	322	7/8	5/8	84
<b>ERF*-0311</b>	13.1	435	305	322	1 1/8	5/8	93
<b>3RA*-0310</b>	17.8	457	330	322	1 1/8	5/8	93
<b>NRB2-0400</b>	19.7	511	330	387	1 1/8	5/8	121
<b>NRA2-0500</b>	23.1	511	330	387	1 1/8	5/8	121
<b>NRM1-0500</b>	27.5	535	330	387	1 1/8	5/8	121
<b>MRH4-0760</b>	32.2	594	330	430	1 3/8	1 1/8	147
<b>9RJ1-0765</b>	38.8	653	383	445	1 3/8	1 1/8	166
<b>9RC1-1015</b>	45.7	675	383	445	1 3/8	1 1/8	180
<b>9RS1-1505</b>	60.2	698	383	445	1 5/8	1 1/8	190
<b>4RA3-2000</b>	101.3	625	472	422	1 5/8	1 1/8	206
<b>4RH1-2500</b>	85.4	671	481	454	2 1/8	1 1/8	217
<b>4RJ2-3000</b>	102	690	503	454	2 1/8	1 1/8	245
<b>6RH1-3500</b>	128.1	766	521	454	2 1/8	1 1/8	253
<b>6RJ1-4000</b>	153	766	549	530	2 1/8	1 1/8	279





Selección de Voltaje de Semiherméticos Para Aire Acondicionado - **R-22 - 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
<b>MODELOS ENFRIADOS POR REFRIGERANTE R-22</b>								
ERC*-0200		CAB	TAC		TAD			
ERF*-0310		CAB	TAC		TAD			
3RA*-0310		CAB	TAC		TAD			
NRB2-0400			TAC		TAD			
NRA2-0500			TFC	TF7	TFD			
NRM1-0500			TFC		TFD			
MRH4-0760			TFC	TF7	TFD			
9RJ1-0765			TFC		TFD			
9RC1-1015			TFC	TF7	TFD			
9RS1-1505			TSC	TF7	TFD			
4RA3-2000						TSK	ES8	FSD
4RH1-2500						TSK	ES8	FSD
4RJ2-3000						TSK	ES8	FSD
6RH1-3500						TSK	ES8	FSD
6RJ1-4000						TSN	ES8	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