



REFERENCIA CRUZADA (CROSS REFERENCE)



Compresores Semiherméticos de una Etapa

COPELAND "DISCUS"	CFM	COPELAND "FLAPPERS"	CFM	CARLYLE	CFM	BITZER	CFM
		LAL*-0310	12.9	06DR-013	13.0	4FC-3.2	12.8
		NRB*-0400	11.6			2CC-4.2	11.5
2DF*-0300	15.1			06DR-316	15.9	4EC-4.2	16.1
2DL*-0400	16.8			06DR-316	15.9	4EC-4.2	16.1
2DC*-0500	11.9			06DM-313	13.0	4FC-5.2	12.8
2DD*-0500	13.7	NRA-0500	13.6	06DM-313	13.0	4FC-5.2	12.8
2DF*-0500	15.1	NRM*-0500	16.2	06DR-316	15.9	4EC-4.2	16.1
2DB*-0750	18.9	MRA*-0500	18.0	06DR-718	18.3	4DC-5.2	19.1
2DB*-0750	19.9	MRB*-0500	19.9	06DR-820	20.0	4DC-5.2	19.1
2DA*-0750	18.9	MRH*-0760	18.9	06DA-818	18.3	4DC-7.2	19.1
2DL*-0750	16.8			06DA-818	18.3	4DC-7.2	19.1
3DA*-0600	22.8			06DR-725	23.9	4VC-6.2	24.7
3DA*-0750	22.8			06DA-825	23.9	4VC-10.2	24.7
3DB*-0750	26.9			06DR-228	28.0	4TC-8.2	29.4
3DF*-0900	31.9			06DR-228	28.0	4PC-10.2	34.4
3DB*-1000	26.9	9RC*-1015	26.9	06DA-328	28.0	4TC-12.2	29.4
3DS*-1000	35.5			06DR-337	37.1	4NC-12.2	40.0
3DF*-1200	31.9			06DM-337	37.1	4PC-15.2	34.5
3DS*-1500	35.5	9RS*-1505	35.5	06DA-537	37.1	4PC-15.2	34.5
4DA*-1000	39.8	4RA*-1000	39.8	06DR-541	41.0	4NC-12.2	40.0
4DL*-1500	50.3	4RL*-1500	50.3	06ER-450	50.3	4H-15.2	52.3
4DA*-2000	39.8	4RA*-2000	39.8	06DA-537	37.1	4NC-20.2	40.0
4DB*-2200	46.0			06EM-450	50.3	4J-22.2	45.1
4DT*-2200	60.1			06ER-465	68.3	4G-20.2	60.1
4DH*-2500	50.3	4RH*-2500	50.3	06EA-550	50.3	4H-25.2	52.3
4DJ*-3000	60.1	4RJ*-3000	60.1	06EA-565	68.3	4G-30.2	60.1
6DL*-2700	75.4	6RL*-2500	75.4	06ER-475	75.4	6H-25.2	78.5
6DB*-3000	69.0			06EM-475	75.4	6J-33.2	67.7
6DT*-3000	90.1	6RT*-3000	90.1	06ER-399	99.0	6G-30.2	90.1
6DG*-3500	82.6			06EM-475	75.4	6H-35.2	78.5
6DH*-3500	75.4	6RH*-3500	75.4	06EA-575	75.4	6H-35.2	78.5
6DJ*-4000	90.1	6RJ*-4000	90.1	06EA-599	99.0	6G-40.2	90.0
8DP*-5000	107.2					6F-50.2	107.7
8DS*-6000	126.8					8GC-60.2	131.1

Compresores Semiherméticos de Doble Etapa

CARLYLE	CFM	BITZER	CFM
06CC-125	24	S4T-5.2Y	23
06CC-228	28	S4N-8.2Y	32
06CC-337	37		
06CC-550	50	S4G-12.2Y	49
06CC-665	68	S6J-16.2Y	67
06CC-675	75	S6H-20.2Y	78
		S6G-25.2Y	90
06CC-899	99		
		S6F-30.2Y	107

 Compresores Copeland Semiherméticos tipo "Flappers"

MODELO ACTUAL	H.P	RANGO DE APLICACIÓN	CFM	REFRIGERANTE R-404A		REFRIGERANTE R-22		CARGA ACEITE (LITROS)	AMPERAJE	
				CAPACIDAD @ -25 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ +25 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ -25 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ +25 °F SST/110 °F SDT (BTU/HR)		230 3F	460 3F
				LALA-032E	3	LT	12.9		13,400	FRA
NRB1-0400	4	MT, HT	11.6	FRA	43,400	FRA	39,700	2.37	21.9	11.0
MRH4-0760	7.5	BT, MT, HT	18.9	FRA	FRA	FRA	67,500	2.37	29.6	14.8
9RC1-1015	10	MT, HT	26.9	FRA	FRA	FRA	98,000	3.40	20.0	10.0
9RS1-1505	15	MT, HT	35.5	FRA	FRA	FRA	106,000	3.40	62.0	28.6
4RA3-2000	20	MT, HT	39.8	FRA	FRA	FRA	147,000	4.34	71.4	35.7
4RH1-2500	25	MT, HT	50.3	FRA	FRA	FRA	186,000	4.14	88.6	44.3
4RJ1-3000	30	MT, HT	60.1	FRA	FRA	FRA	225,000	4.14	101.4	50.7
6RA4-3000	30	MT, HT	59.7	FRA	FRA	FRA	210,000	4.58	104.2	52.1
6RT1-3000	30	LT	90.1	FRA	FRA	FRA	210,000	4.58	104.2	52.1
6RH1-3500	35	MT, HT	75.4	FRA	FRA	FRA	287,000	4.58	134.2	67.1
6RJ1-4000	40	MT, HT	90.1	FRA	FRA	FRA	321,000	4.58	141.4	70.7

 Compresores Copeland Semiherméticos tipo "Discus"

MODELO ANTERIOR	MODELO ACTUAL	H.P	RANGO DE APLICACIÓN	CFM @ 1750 RPM	CAPACIDAD @ -25 °F SST/110 °F SDT	CAPACIDAD @ +25 °F SST/110 °F SDT	CAPACIDAD @ -25 °F SST/110 °F SDT	CAPACIDAD @ +25 °F SST/110 °F SDT	CARGA ACEITE (LITROS)	AMPERAJE	
					FRA	FRA	FRA	FRA		230 3F	460 3F
2DL*-0400	2DL3F20KE	4	LT	31.9	20,800	FRA	16,100	FRA	2.37	20.4	10.2
2DD*-0500	2DD3R63KE	5	HT, MT	16.8	FRA	59,000	FRA	54,000	2.37	21.0	10.5
2DA*-0600	2DA3F23KE	6	LT	35.5	24,200	FRA	18,900	FRA	2.37	20.4	10.2
2DB*-0600	2DB3F25KE	6	LT	26.9	25,800	FRA	20,600	FRA	2.37	26.6	13.3
2DA*-0750	2DA3R89KE	7.5	HT, MT	69.0	FRA	83,500	FRA	77,000	2.37	28.2	14.1
2DL*-0750	2DL3R78KE	7.5	HT, MT	31.9	FRA	72,500	FRA	68,000	2.37	27.8	13.9
3DA*-0600	3DA3F28KE	6	LT	11.9	29,300	FRA	23,400	FRA	3.70	27.6	13.8
3DA*-0750	3DA3R10ME	7.5	HT, MT	90.1	FRA	98,000	FRA	93,500	3.70	40.0	20.0
3DB*-0750	3DB3F33KE	7.5	LT	13.7	35,000	FRA	29,200	FRA	3.70	31.4	15.7
3DF*-0900	3DF3F40KE	9	LT	35.5	35,000	FRA	29,200	FRA	3.70	31.4	15.7
3DS*-1000	3DS3F46KE	10	LT	82.6	48,700	FRA	38,000	FRA	3.70	33.2	16.6
3DB*-1000	3DB3R12ME	10	HT, MT	18.9	FRA	116,000	FRA	111,000	3.70	40.0	20.0
3DF*-1200	3DF3R15ME	12	HT, MT	39.8	FRA	144,000	FRA	130,000	3.70	47.2	23.6
3DS*-1500	3DS3R17ME	15	HT, MT	75.4	FRA	160,000	FRA	147,000	3.70	58.0	29.0
4DA*-1000	4DA3F47KE	10	LT	19.9	49,800	FRA	39,000	FRA	3.99	45.6	22.8
4DL*-1500	4DHN63KE	15	LT	50.3	67,000	FRA	52,500	FRA	3.99	52.6	26.3
4DA*-2000	4DA3R18ME	20	HT, MT	90.1	FRA	169,000	FRA	159,000	3.99	58.8	29.4
4DB*-2200	4DB3A22DE	22	HT, MT	18.9	FRA	201,000	FRA	181,500	3.99	72.2	36.1
4DT*-2200	4DT3F76KE	22	LT	39.8	79,500	FRA	64,000	FRA	3.99	64.2	32.1
4DH*-2500	4DH3R22ME	25	HT, MT	107.2	FRA	216,000	FRA	206,000	3.99	74.4	37.2
4DJ*-3000	4DJ3R28ME	30	HT, MT	16.8	FRA	260,000	FRA	241,000	3.99	84.0	42.0
6DL*-2700	6DL3F93KE	27	LT	46.0	97,500	FRA	79,500	FRA	4.41	80.8	40.4
6DB*-3000	6DB3R32ME	30	HT, MT	126.8	FRA	283,000	FRA	267,000	4.41	134.2	67.1
6DT*-3000	6DT3F11ME	30	LT	60.1	110,000	FRA	95,000	FRA	7.52	95.6	47.8
6DG*-3500	6DG3R37ME	35	HT, MT	22.8	FRA	358,000	FRA	320,000	4.41	132.0	66.0
6DH*-3500	6DH3R35ME	35	HT, MT	50.3	FRA	328,000	FRA	294,000	4.41	125.2	62.6
6DJ*-4000	6DJNR40ME	40	HT, MT	22.8	FRA	383,000	FRA	357,000	4.41	102.8	51.4
8DP*-5000	8DP3R56ME	50	HT, MT	26.9	FRA	FRA	FRA	419,000	7.69	180.0	90.0
8DS*-6000	8DS3R67M0	60	HT, MT	60.1	FRA	FRA	FRA	502,000	7.69	224.2	112.1

FRA = Fuera de Rango de Aplicación

Compresores Semiherméticos Carlyle una Sola Etapa

MODELO CARLYLE	H.P.	RANGO DE APLICACIÓN	CFM @ 1750 RPM	REFRIGERANTE R-404A		REFRIGERANTE R-22		CARGA ACEITE (LITROS)	AMPERAJE	
				CAPACIDAD @ -25 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ +25 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ -25 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ +25 °F SST/110 °F SDT (BTU/HR)		230 3F	460 3F
				06DR-013	3	LT	13.0		11,807	FRA
06DM-313	5	MT	13.0	FRA	51,047	FRA	44,657	2.1	17.3	8.6
06DM-316	5	MT	15.9	FRA	65,764	FRA	56,093	2.1	17.3	8.6
06DR-718	5	LT	18.3	22,674	FRA	18,365	FRA	2.6	17.3	8.6
06DR-820	6.5	LT	20.0	24,756	FRA	21,671	76,384	2.6	28.2	14.1
06DA-818	6.5	HT, MT	18.3	FRA	74,834	FRA	65,484	2.6	28.2	14.1
06DR-228	7.5	LT	28.0	34,532	FRA	27,173	104,969	3.8	35.6	17.8
06DA-328	10	HT, MT	28.0	FRA	115,542	FRA	101,138	3.8	39.7	19.9
06DR-337	10	LT	37.1	46,508	FRA	36,650	147,683	3.8	39.7	19.9
06DA-537	15	HT, MT	37.1	FRA	157,989	FRA	139,169	3.8	57.1	25.6
06DR-541	15	LT	41.0	51,092	FRA	41,422	162,263	3.8	57.1	25.6
06ER-450	15	LT	50.3	61,515	FRA	43,891	FRA	6.6	72.0	36.0
06EA-550	20	HT, MT	50.3	FRA	208,204	FRA	185,990	6.6	87.0	44.0
06ER-465	20	LT	68.3	74,555	FRA	55,652	FRA	9.0	87.0	44.0
06ER-475	20	LT	75.4	87,069	FRA	70,047	FRA	9.0	87.0	44.0
06EA-565	25	HT, MT	68.3	FRA	266,866	FRA	238,751	9.0	112.0	56.0
06ER-399	30	LT	99.0	112,947	FRA	87,487	FRA	9.0	135.0	68.0
06EA-575	30	HT, MT	75.4	FRA	307,152	FRA	264,809	9.0	135.0	68.0
06EA-599	40	HT, MT	99.0	FRA	409,800	FRA	351,089	9.0	189.0	95.0

Compresores Semiherméticos Carlyle Doble Etapa (Compound Cooling)

MODELO CARLYLE	H.P.	RANGO DE APLICACIÓN	CFM	CAPACIDAD @ -30 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ -20 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ -30 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ -20 °F SST/110 °F SDT (BTU/HR)	CARGA ACEITE (LITROS)	AMPERAJE	
									230 3F	460 3F
06CC-018	5	EXLT	18.3	20,260	27,853	19,226	25,168	4.5	17.3	8.6
06CC-124	6.5	EXLT	23.9	27,447	35,786	21,175	27,463	4.5	28.2	14.1
06CC-125	6.5	EXLT	23.9	27,447	35,786	21,175	27,463	4.5	28.2	14.1
06CC-228	7.5	EXLT	28.0	31,562	41,319	25,303	32,819	4.5	35.6	17.8
06CC-337	10	EXLT	37.1	44,555	56,801	34,276	44,444	4.5	39.7	19.9
06CC-550	15	EXLT	50.3	52,272	70,803	46,684	64,620	9.0	72.0	36.0
06CC-665	20	EXLT	68.3	77,818	100,371	61,492	79,213	9.0	87.0	44.0
06CC-675	20	EXLT	75.4	87,007	112,430	69,139	89,734	9.0	87.0	44.0
06CC-899	30	EXLT	99.0	116,547	149,268	88,793	115,163	9.0	135.0	68.0

Compresores Abiertos Reciprocantes Carlyle

MODELO CARLYLE	H.P.	RANGO DE APLICACIÓN	CFM @ 1750 RPM	CAPACIDAD @ -25 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ +25 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ -25 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ +25 °F SST/110 °F SDT (BTU/HR)	CARGA ACEITE (LITROS)	RANGO RPM	
									MIN	MAX
5F20	5-10	HT, MT, LT	19.8	16,860	74,531	14,343	73,554	2.4	600	1750
5F30	7.5-15	HT, MT, LT	29.8	25,097	112,205	22,169	110,482	2.6	700	1750
5F40	10-20	HT, MT, LT	39.8	33,839	149,810	29,539	147,135	5.7	800	1750
5F60	15-25	HT, MT, LT	59.6	50,982	224,942	44,178	222,048	6.2	900	1750
5H40	25-40	HT, MT, LT	92.4	81,766	349,281	73,756	353,574	8.5	800	1750
5H46	40-60	HT, MT, LT	115.5	101,327	433,229	93,108	436,596	8.5	800	1750
5H60	40-60	HT, MT, LT	138.4	123,130	524,086	110,067	530,235	9.9	900	1750
5H66	50-75	HT, MT, LT	173.0	153,871	650,572	137,311	658,402	9.9	900	1750
5H80	50-75	HT, MT, LT	184.7	164,544	699,097	147,540	706,794	19.5	1100	1750
5H86	75-100	HT, MT, LT	231.0	204,688	867,182	184,574	877,124	19.5	1100	1750
5H120	75-125	HT, MT, LT	276.8	247,394	1,048,574	220,932	1,601,761	29.0	900	1750
5H126	100-150	HT, MT, LT	346.0	307,485	1,300,981	275,414	1,317,247	29.0	900	1750

 Semiherméticos Bitzer una Sola Etapa

MODELO AMERICANO	MODELO EUROPEO	MODELO ECOLINE	H.P.	RANGO DE APLICACIÓN	CFM	REFRIGERANTE R-404A		REFRIGERANTE R-22		CARGA ACEITE (LITROS)	AMPERAJE	
						CAPACIDAD @ -25 °F SST/ 110 ° F SDT (BTU/HR)	CAPACIDAD @ +25 °F SST/ 110 ° F SDT (BTU/HR)	CAPACIDAD @ -25 °F SST/ 110 ° F SDT (BTU/HR)	CAPACIDAD @ +25 °F SST/ 110 ° F SDT (BTU/HR)		230 3F	460 3F
4C0969SL	4EC-4.2	4EES-4	4	MT, LT	16.1	19,520	69,600	15,940	FRA	2.0	24.4	12.2
4C0770SH	4FC-5.2	4FES-5	5	MT, LT	12.8	15,430	54,700	12,290	49,400	2.0	21.6	10.8
4C1114SL	4DC-5.2	4DES-5	5	MT, LT	19.0	23,300	83,100	19,460	FRA	2.0	29.0	14.5
4C0969SH	4EC-6.2	4EES-6	6	MT, LT	16.1	18,890	68,800	19,770	77,700	2.0	27.4	12.4
4C1480PL	4VC-6.2	4VE-7	7	MT, LT	24.6	26,200	FRA	24,600	FRA	2.6	33.2	16.6
4C1145SH	4DC-7.2	4DES-7	7	MT, LT	19.0	23,300	83,100	19,460	75,000	2.0	33.0	16.5
4C1761PL	4TC-8.2	4TE-9	9	MT, LT	29.3	33,200	127,400	30,100	FRA	2.6	39.8	19.9
4C1480PH	4VC-10.2	4VE-10	10	MT, LT	24.6	26,300	105,300	FRA	99,900	2.6	39.8	19.9
4C2067PL	4PC-10.2	4PE-12	12	MT, LT	34.4	35,900	146,100	34,900	FRA	2.6	45.4	22.7
4C1761PH	4TC-12.2	4TE-12	12	MT, LT	29.3	33,100	127,400	FRA	120,600	3.0	50.2	25.1
4C2397PL	4NC-12.2	4NES-14	14	MT, LT	39.9	45,100	173,700	40,700	FRA	2.6	53.2	26.6
4C2067PH	4PC-15.2	4PE-15	15	HT, MT	34.4	35,500	145,500	FRA	138,100	2.6	56.4	28.2
4C2397PH	4NC-20.2	4NE-20	20	HT, MT	39.9	45,400	173,700	FRA	162,800	2.6	47.8	23.9
4B3139PL	4H-15.2	4HE-18	18	HT, MT	52.2	65,800	232,000	50,900	FRA	4.0	73.4	36.7
4B3604PL	4G-20.2	4GE-23	23	HT, MT	60.0	78,500	268,000	59,200	FRA	4.5	87.8	43.9
4B2707PH	4J-22.2	4JE-22	22	HT, MT	45.1	51,000	194,400	FRA	183,700	4.0	74.4	37.2
4B3139PH	4H-25.2	4HE-25	25	HT, MT	52.2	63,000	229,000	FRA	217,000	4.5	88.0	44.0
4B3604PH	4G-30.2	4GE-30	30	HT, MT	60.0	73,600	262,000	FRA	252,000	4.5	106.3	47.9
6B4709PL	6H-25.2	6HE-28	28	HT, MT	78.5	97,000	341,000	76,300	FRA	4.7	106.4	53.2
6B4060PH	6J-33.2	6JE-33	33	HT, MT	67.6	75,100	288,000	FRA	276,000	4.7	106.4	53.2
6B5406PL	6G-30.2	6GE-34	34	HT, MT	90.1	119,600	394,000	88,800	FRA	4.7	131.0	65.5
6B4709PH	6H-35.2	6HE-35	35	HT, MT	78.5	92,700	336,000	FRA	325,000	4.7	128.8	64.4
6B5406PH	6G-40.2	6GE-40	40	HT, MT	90.0	108,400	381,000	FRA	374,000	4.7	147.8	53.9
6B6462PL	6F-40.2	6FE-44	44	HT, MT	107.7	141,000	473,000	108,000	FRA	4.7	166.4	83.2
6B6462PH	6F-50.2	6FE-50	50	HT, MT	107.7	133,200	464,000	FRA	450,000	4.7	192.4	96.2
8C7863PH	8GC-60.2	8GE-60	60	HT, MT	131.5	FRA	540,000	FRA	531,000	5.1	226.0	113.0
8C9400PH	8FC-70.2	8FE-70	70	HT, MT	157.0	FRA	639,000	FRA	607,000	5.1	278.0	139.0

 Semiherméticos Bitzer Doble Etapa

MODELO BITZER	H.P.	RANGO DE APLICACIÓN	CFM	REFRIGERANTE R-404A		REFRIGERANTE R-22		CARGA ACEITE (LITROS)	AMPERAJE	
				CAPACIDAD @ -30 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ -20 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ -30 °F SST/110 °F SDT (BTU/HR)	CAPACIDAD @ -20 °F SST/110 °F SDT (BTU/HR)		230 3F	460 3F
S4T-5.2Y	5	EXLT	14.0	24,600	30,400	21,200	26,900	3.1	28.0	14.0
S4N-8.2Y	8	EXLT	20.0	35,000	43,100	30,600	38,700	3.1	34.0	17.0
S4G-12.2Y	12	EXLT	30.0	55,200	66,500	46,200	58,500	4.5	48.0	24.0
S6J-16.2Y	16	EXLT	45.0	77,900	93,400	69,100	86,600	4.7	62.0	31.0
S6H-20.2Y	20	EXLT	52.3	90,000	107,800	80,100	100,400	4.7	74.0	37.0
S6G-25.2Y	25	EXLT	60.0	102,700	123,000	91,900	115,300	4.7	86.0	43.0
S6F-30.2Y	30	EXLT	71.8	121,800	145,800	110,000	137,900	4.7	81.6	51.0

FRA = Fuera de Rango de Aplicación

✓ Aceites Semiherméticos 06D, 06E y 06CC para Carlyle

ACEITES AUTORIZADOS	TIPO	R-22		R-134A	R-404A/R-507	
		MT	BT	MT	MT	BT
ACEMIRE 150 TD ACEMIRE 200 TD TEXACO WFI 32 150	ALKIL BENCENO	SI	SI	NO	NO	NO
CASTROL SW 68	POLIOLESTER	SI	NO	SI	SI	NO
CASTROL E68 ICI EMKARATE RL68H MOBIL ARTIC EAL 68	POLIOLESTER	SI	SI	SI	SI	SI

✓ Aceites para Carlyle Tornillo

ACEITES AUTORIZADOS	TIPO	R-22		R-134A	R-404A/R-507	
		MT	BT	MT	MT	BT
CASTROL SW 100	POLIOLESTER	SI	NO	SI	SI	NO
ICI EMKARATE RL 100 S CASTROL E100	POLIOLESTER	SI	SI	SI	SI	SI

✓ Aceites para Compresores Copeland Herméticos, Semiherméticos y Scroll

ACEITES AUTORIZADOS	TIPO	R-22		R-134A	R-404A/R-507	
		MT	BT	MT	MT	BT
ACEMIRE 150 TD ACEMIRE 200 TD COPELAND ULTRA 200	ALKIL BENCENO	SI	SI	NO	NO	NO
CASTROL SW32 ICI EMKARATE RL 32CF COPELAND ULTRA 22 CC	POLIOLESTER	SI	SI	SI	SI	SI