



TEMPERATURE - PRESSURE CHART

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TEMP °F	REFRIGERANT (Sporlan Letter Code)									
	HCFC 22(V)	HFC 407C(N)	HFC 407A(V)	HFC 410A(Z)	HFC 134a(J)	HCFC 401A(X)	HFC 404A(S)	HCFC 408A(S)	HFC 507(P)	744
-60	11.9	16.0	14.5	0.2	21.8	21.2	7.3	8.7	5.8	79.9
-55	9.2	13.6	11.9	2.5	20.3	19.6	3.9	5.5	2.2	91.1
-50	6.1	11.0	9.0	5.0	18.7	17.9	0.1	2.0	0.9	103.4
-45	2.7	8.0	5.7	7.7	16.9	16.0	2.0	1.0	3.0	116.7
-40	0.6	4.6	2.0	10.8	14.8	13.8	4.3	3.1	5.4	131.0
-38	1.4	3.2	0.4	12.1	13.9	12.9	5.3	4.0	6.4	137.1
-36	2.2	1.6	0.6	13.4	12.9	11.9	6.3	5.0	7.5	143.3
-34	3.1	0.0	1.5	14.8	12.0	10.9	7.4	6.0	8.6	149.7
-32	4.0	0.8	2.3	16.3	10.9	9.8	8.5	7.0	9.8	156.3
-30	4.9	1.6	3.3	17.8	9.8	8.7	9.6	8.0	11.0	163.1
-28	5.9	2.5	4.2	19.4	8.7	7.5	10.8	9.2	12.2	170.1
-26	6.9	3.5	5.2	21.0	7.5	6.2	12.0	10.3	13.5	177.4
-24	8.0	4.4	6.3	22.7	6.3	5.0	13.3	11.5	14.8	184.8
-22	9.1	5.4	7.4	24.5	5.0	3.6	14.6	12.7	16.2	192.4
-20	10.2	6.5	8.5	26.3	3.7	2.2	16.0	14.0	17.6	200.2
-18	11.4	7.6	9.7	28.2	2.3	0.8	17.4	15.3	19.1	208.3
-16	12.6	8.7	10.9	30.2	0.8	0.4	18.9	16.7	20.6	216.5
-14	13.9	9.9	12.2	32.2	0.4	1.1	20.4	18.1	22.2	225.0
-12	15.2	11.1	13.5	34.3	1.1	1.9	22.0	19.6	23.8	233.8
-10	16.5	12.3	14.9	36.5	1.9	2.8	23.6	21.1	25.5	242.7
-8	17.9	13.7	16.3	38.7	2.8	3.6	25.3	22.7	27.3	251.9
-6	19.4	15.0	17.8	41.0	3.6	4.5	27.0	24.3	29.1	261.3
-4	20.9	16.4	19.3	43.4	4.6	5.5	28.8	26.0	30.9	271.0
-2	22.4	17.9	20.9	45.9	5.5	6.4	30.7	27.7	32.8	280.9
0	24.0	19.4	22.5	48.4	6.5	7.4	32.6	29.5	34.8	291.0
1	24.9	20.2	23.4	49.7	7.0	7.9	33.6	30.4	35.8	296.2
2	25.7	21.0	24.2	51.1	7.5	8.5	34.6	31.3	36.9	301.5
3	26.5	21.8	25.1	52.4	8.0	9.0	35.6	32.3	37.9	306.8
4	27.4	22.6	26.0	53.8	8.5	9.5	36.6	33.2	39.0	312.1
5	28.3	23.5	26.9	55.2	9.1	10.1	37.7	34.2	40.1	317.6
6	29.2	24.3	27.8	56.6	9.6	10.7	38.7	35.2	41.1	323.1
7	30.1	25.2	28.7	58.0	10.2	11.2	39.8	36.2	42.3	328.6
8	31.0	26.1	29.7	59.5	10.8	11.8	40.9	37.2	43.4	334.3
9	31.9	27.0	30.6	60.9	11.3	12.4	42.0	38.2	44.5	340.0
10	32.8	27.9	31.6	62.4	11.9	13.0	43.1	39.3	45.7	345.7
11	33.8	28.8	32.6	63.9	12.5	13.6	44.3	40.3	46.9	351.6
12	34.8	29.8	33.6	65.5	13.1	14.3	45.4	41.4	48.1	357.5
13	35.8	30.7	34.6	67.1	13.8	14.9	46.6	42.5	49.3	363.4

TEMP °F	REFRIGERANT (Sporlan Letter Code)									
	HCFC 22(V)	HFC 407C(N)	HFC 407A(V)	HFC 410A(Z)	HFC 134a(J)	HCFC 401A(X)	HFC 404A(S)	HCFC 408A(S)	HFC 507(P)	744
14	36.8	31.7	35.7	68.6	14.4	15.5	47.8	43.6	50.5	369.5
15	37.8	32.7	36.7	70.3	15.0	16.2	49.0	44.8	51.8	375.6
16	38.8	33.7	37.8	71.9	15.7	16.9	50.2	45.9	53.0	381.8
17	39.9	34.7	38.9	73.5	16.4	17.5	51.5	47.1	54.3	388.0
18	40.9	35.7	40.0	75.2	17.0	18.2	52.7	48.2	55.6	394.3
19	42.0	36.8	41.2	76.9	17.7	18.9	54.0	49.4	56.9	400.7
20	43.1	37.9	42.3	78.7	18.4	19.6	55.3	50.7	58.3	407.2
21	44.2	39.0	43.5	80.4	19.1	20.4	56.6	51.9	59.6	413.8
22	45.3	40.1	44.7	82.2	19.9	21.1	58.0	53.1	61.0	420.4
23	46.5	41.2	45.9	84.0	20.6	21.8	59.3	54.4	62.4	427.1
24	47.6	42.3	47.1	85.8	21.3	22.6	60.7	55.7	63.8	433.8
25	48.8	43.5	48.3	87.7	22.1	23.4	62.1	57.0	65.3	440.7
26	50.0	44.7	49.6	89.6	22.9	24.2	63.5	58.3	66.7	447.6
27	51.2	45.9	50.9	91.5	23.7	25.0	64.9	59.6	68.2	454.6
28	52.4	47.1	52.2	93.4	24.5	25.8	66.4	61.0	69.7	461.7
29	53.7	48.3	53.5	95.4	25.3	26.6	67.8	62.4	71.2	468.8
30	55.0	49.6	54.8	97.4	26.1	27.4	69.3	63.7	72.7	476.1
31	56.2	50.8	56.2	99.4	26.9	28.3	70.8	65.2	74.3	483.4
32	57.5	52.1	57.6	101.4	27.8	29.1	72.4	66.6	75.9	490.8
33	58.8	53.4	59.0	103.5	28.6	30.0	73.9	68.0	77.5	498.3
34	60.2	54.8	60.4	105.6	29.5	30.9	75.5	69.5	79.1	505.8
35	61.5	56.1	61.8	107.7	30.4	31.8	77.1	71.0	80.7	513.5
36	62.9	57.5	63.3	109.9	31.3	32.7	78.7	72.5	82.4	521.2
37	64.3	58.9	64.8	112.1	32.2	33.6	80.3	74.0	84.1	529.0
38	65.7	60.3	66.3	114.3	33.1	34.6	82.0	75.6	85.8	536.9
39	67.1	61.7	67.8	116.5	34.1	35.5	83.7	77.1	87.5	544.8
40	68.6	63.2	69.4	118.8	35.0	36.5	85.4	78.7	89.2	552.9
42	71.5	66.1	72.5	123.4	37.0	38.5	88.8	81.9	92.8	569.3
44	74.5	69.2	75.8	128.2	39.0	40.5	92.4	85.3	96.5	586.0
46	77.6	72.3	79.1	133.0	41.1	42.6	96.0	88.7	100.2	603.1
48	80.8	75.5	82.6	138.0	43.2	44.8	99.8	92.2	104.1	620.5
50	84.1	78.8	86.1	143.2	45.4	47.0	103.6	95.7	108.0	638.3
52	87.4	101.7	108.2	148.4	47.7	60.4	109.2	100.5	112.0	656.5
54	90.8	105.6	112.3	153.8	50.0	63.0	113.3	104.3	116.2	675.0
56	94.4	109.6	116.5	159.3	52.4	65.7	117.4	108.1	120.4	694.0
58	98.0	113.7	120.8	164.9	54.9	68.4	121.7	112.1	124.8	713.3
60	101.6	118.0	125.2	170.7	57.4	71.2	126.0	116.1	129.2	733.1
62	105.4	122.3	129.7	176.7	60.0	74.1	130.5	120.3	133.7	753.2

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	HCFC 22(V)	HFC 407C(N)	HFC 407A(V)	HFC 410A(Z)	HFC 134a(J)	HCFC 401A(X)	HFC 404A(S)	HCFC 408A(S)	HFC 507(P)	744
64	109.3	126.7	134.3	182.7	62.7	77.0	135.0	124.5	138.4	773.8
66	113.2	131.2	139.0	188.9	65.4	80.0	139.7	128.8	143.1	794.8
68	117.3	135.8	143.9	195.3	68.2	83.1	144.4	133.3	148.0	816.2
70	121.4	140.5	148.8	201.8	71.1	86.3	149.3	137.8	153.0	838.1
72	125.7	145.4	153.9	208.4	74.1	89.5	154.3	142.5	158.1	860.5
74	130.0	150.3	159.1	215.2	77.1	92.8	159.4	147.2	163.3	883.3
76	134.5	155.4	164.4	222.2	80.2	96.2	164.6	152.1	168.6	906.7
78	139.0	160.6	169.8	229.3	83.4	99.7	170.0	157.0	174.1	930.5
80	143.6	165.8	175.3	236.5	86.7	103.2	175.4	162.1	179.6	954.9
82	148.4	171.3	181.0	244.0	90.0	106.9	181.0	167.3	185.3	979.8
84	153.2	176.8	186.7	251.6	93.5	110.6	186.7	172.6	191.1	1005.4
86	158.2	182.4	192.7	259.3	97.0	114.4	192.5	178.0	197.1	*
88	163.2	188.2	198.7	267.3	100.6	118.2	198.4	183.5	203.1	*
90	168.4	194.1	204.8	275.4	104.3	122.2	204.5	189.2	209.3	*
92	173.7	200.1	211.1	283.6	108.1	126.2	210.7	194.9	215.6	*
94	179.1	206.3	217.6	292.1	112.0	130.4	217.0	200.8	222.1	*
96	184.6	212.5	224.1	300.7	115.9	134.6	223.4	206.8	228.7	*
98	190.2	219.0	230.8	309.5	120.0	138.9	230.0	212.9	235.4	*
100	195.9	225.5	237.7	318.6	124.2	143.3	236.8	219.2	242.3	*
102	201.8	232.2	244.6	327.7	128.4	147.8	243.6	225.5	249.3	*
104	207.7	239.0	251.7	337.1	132.8	152.4	250.6	232.0	256.5	*
106	213.8	245.9	259.0	346.7	137.2	157.1	257.8	238.7	263.8	*
108	220.0	253.0	266.4	356.5	141.7	161.9	265.1	245.4	271.2	*
110	226.4	260.3	273.9	366.4	146.4	166.8	272.5	252.3	278.8	*
112	232.8	267.6	281.6	376.6	151.1	171.8	280.1	259.4	286.6	*
114	239.4	275.1	289.5	387.0	156.0	176.8	287.9	266.6	294.5	*
116	246.1	282.8	297.5	397.6	160.9	182.0	295.8	273.9	302.6	*
118	253.0	290.6	305.6	408.4	166.0	187.3	303.8	281.3	310.8	*
120	260.0	298.6	314.0	419.4	171.2	192.7	312.1	288.9	319.2	*
125	278.0	319.2	335.4	447.9	184.6	206.6	333.3	308.6	340.9	*
130	296.9	340.7	357.9	477.9	198.7	221.2	355.7	329.2	363.8	*
135	316.7	363.3	381.5	509.4	213.6	236.5	379.1	350.7	387.8	*
140	337.4	387.0	406.2	542.5	229.2	252.5	403.7	373.3	413.0	*
145	359.0	411.7	431.9	577.3	245.7	269.3	429.6	397.0	439.5	*
150	381.7	437.5	458.9	613.9	262.9	286.8	456.8	421.7	467.4	*
155	405.3	464.4	487.0	652.4	281.0	305.1				



TABLA de TEMPERATURA – PRESIÓN

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TEMP °C	TEMP °F	REFRIGERANTE (Código de letra usado por Sporlan)								
		HFC 22(V)	HFC 407C(N)	HFC 407A(V)	HFC 410A(Z)	HFC 134a(J)	HFC 401A(X)	HFC 404A(S)	HFC 507(P)	744
-52	-61.6	12.7	16.7	15.2	0.8	22.2	21.6	8.3	6.9	76.5
-50	-58	10.9	15.1	13.5	1.1	21.2	20.6	6.0	4.4	84.3
-48	-54.4	8.8	13.3	11.6	2.8	20.2	19.5	3.5	1.8	92.6
-46	-50.8	6.6	11.4	9.5	4.5	19.0	18.2	0.8	0.5	101.4
-44	-47.2	4.2	9.4	7.2	6.5	17.7	16.9	1.1	2.0	110.7
-42	-43.6	1.6	7.1	4.7	8.5	16.3	15.4	2.6	3.7	120.6
-40	-40	0.6	4.6	2.0	10.8	14.8	13.8	4.3	5.4	131.0
-39	-38.2	1.3	3.3	0.6	11.9	14.0	13.0	5.2	6.3	136.4
-38	-36.4	2.0	2.0	0.4	13.1	13.1	12.1	6.1	7.3	142.0
-37	-34.6	2.8	0.5	1.2	14.4	12.3	11.2	7.0	8.3	147.8
-36	-32.8	3.6	0.5	2.0	15.7	11.3	10.2	8.0	9.3	153.7
-35	-31	4.5	1.2	2.8	17.1	10.4	9.2	9.0	10.4	159.7
-34	-29.2	5.3	2.0	3.6	18.5	9.4	8.2	10.1	11.4	165.9
-33	-27.4	6.2	2.8	4.5	19.9	8.4	7.1	11.2	12.6	172.3
-32	-25.6	7.1	3.6	5.4	21.4	7.3	6.0	12.3	13.7	178.8
-31	-23.8	8.1	4.5	6.4	22.9	6.2	4.8	13.4	14.9	185.5
-30	-22	9.1	5.4	7.4	24.5	5.0	3.6	14.6	16.2	192.4
-29	-20.2	10.1	6.4	8.4	26.1	3.8	2.4	15.9	17.5	199.4
-28	-18.4	11.1	7.3	9.4	27.8	2.5	1.1	17.1	18.8	206.6
-27	-16.6	12.2	8.3	10.5	29.6	1.2	0.1	18.5	20.1	214.0
-26	-14.8	13.4	9.4	11.7	31.4	0.0	0.8	19.8	21.6	221.6
-25	-13	14.5	10.5	12.8	33.2	0.7	1.5	21.2	23.0	229.4
-24	-11.2	15.7	11.6	14.0	35.2	1.4	2.3	22.6	24.5	237.3
-23	-9.4	17.0	12.7	15.3	37.1	2.2	3.0	24.1	26.0	245.4
-22	-7.6	18.2	13.9	16.6	39.2	2.9	3.8	25.7	27.6	253.8
-21	-5.8	19.5	15.2	17.9	41.3	3.7	4.6	27.2	29.2	262.3
-20	-4	20.9	16.4	19.3	43.4	4.6	5.5	28.8	30.9	271.0
-19	-2.2	22.3	17.8	20.7	45.6	5.4	6.3	30.5	32.6	279.9
-18	-0.4	23.7	19.1	22.2	47.9	6.3	7.2	32.2	34.4	289.0
-17	1.4	25.2	20.5	23.7	50.3	7.2	8.1	34.0	36.2	298.3
-16	3.2	26.7	22.0	25.3	52.7	8.1	9.1	35.8	38.1	307.8
-15	5	28.3	23.5	26.9	55.2	9.1	10.1	37.7	40.1	317.6
-14	6.8	29.9	25.0	28.5	57.7	10.1	11.1	39.6	42.0	327.5
-13	8.6	31.5	26.6	30.2	60.3	11.1	12.2	41.5	44.1	337.7
-12	10.4	33.2	28.3	32.0	63.0	12.2	13.3	43.6	46.2	348.0
-11	12.2	35.0	29.9	33.8	65.8	13.3	14.4	45.6	48.3	358.6
-10	14	36.8	31.7	35.7	68.6	14.4	15.5	47.8	50.5	369.5
-9	15.8	38.6	33.5	37.6	71.6	15.6	16.7	50.0	52.8	380.5

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		HFC 22(V)	HFC 407C(N)	HFC 407A(V)	HFC 410A(Z)	HFC 134a(J)	HFC 401A(X)	HFC 404A(S)	HFC 507(P)	744
-8	17.6	40.5	35.3	39.6	74.6	16.8	17.9	52.2	55.1	391.8
-7	19.4	42.4	37.2	41.6	77.6	18.0	19.2	54.5	57.5	403.3
-6	21.2	44.4	39.2	43.7	80.8	19.3	20.5	56.9	59.9	415.1
-5	23	46.5	41.2	45.9	84.0	20.6	21.8	59.3	62.4	427.1
-4	24.8	48.6	43.3	48.1	87.3	22.0	23.2	61.8	65.0	439.3
-3	26.6	50.7	45.4	50.4	90.7	23.3	24.6	64.3	67.6	451.8
-2	28.4	52.9	47.6	52.7	94.2	24.8	26.1	67.0	70.3	464.5
-1	30.2	55.2	49.8	55.1	97.8	26.3	27.6	69.6	73.0	477.5
0	32	57.5	52.1	57.6	101.4	27.8	29.1	72.4	75.9	490.8
1	33.8	59.9	54.5	60.1	105.2	29.3	30.7	75.2	78.8	504.3
2	35.6	62.3	56.9	62.7	109.0	30.9	32.3	78.1	81.7	518.1
3	37.4	64.8	59.4	65.4	113.0	32.6	34.0	81.0	84.7	532.1
4	39.2	67.4	62.0	68.1	117.0	34.3	35.7	84.0	87.8	546.4
5	41	70.0	64.6	70.9	121.1	36.0	37.5	87.1	91.0	561.0
6	42.8	72.7	67.3	73.8	125.3	37.8	39.3	90.3	94.3	575.9
7	44.6	75.4	70.1	76.8	129.6	39.6	41.1	93.5	97.6	591.1
8	46.4	78.3	72.9	79.8	134.0	41.5	43.0	96.8	101.0	606.5
9	48.2	81.1	75.9	82.9	138.5	43.5	45.0	100.2	104.5	622.3
10	50	84.1	78.8	86.1	143.2	45.4	47.0	103.6	108.0	638.3
11	51.8	87.1	101.3	107.8	147.9	47.5	60.2	108.8	111.6	654.6
12	53.6	90.1	104.8	111.4	152.7	49.6	62.5	112.5	115.3	671.3
13	55.4	93.3	108.4	115.2	157.6	51.7	64.9	116.2	119.1	688.3
14	57.2	96.5	112.1	119.0	162.7	53.9	67.3	119.9	123.0	705.5
15	59	99.8	115.8	123.0	167.8	56.1	69.8	123.8	127.0	723.1
16	60.8	103.1	119.7	127.0	173.1	58.4	72.3	127.8	131.0	741.1
17	62.6	106.6	123.6	131.1	178.5	60.8	75.0	131.8	135.1	759.3
18	64.4	110.1	127.6	135.2	183.9	63.2	77.6	135.9	139.3	778.0
19	66.2	113.6	131.6	139.5	189.5	65.7	80.3	140.1	143.6	796.9
20	68	117.3	135.8	143.9	195.3	68.2	83.1	144.4	148.0	816.2
21	69.8	121.0	140.1	148.3	201.1	70.8	86.0	148.8	152.5	835.9
22	71.6	124.8	144.4	152.9	207.1	73.5	88.9	153.3	157.1	856.0
23	73.4	128.7	148.8	157.5	213.2	76.2	91.8	157.9	161.7	876.4
24	75.2	132.7	153.3	162.2	219.4	79.0	94.8	162.5	166.5	897.3
25	77	136.7	158.0	167.0	225.7	81.8	97.9	167.3	171.3	918.5
26	78.8	140.8	162.7	172.0	232.2	84.7	101.1	172.1	176.3	940.2
27	80.6	145.0	167.5	177.0	238.8	87.7	104.3	177.1	181.3	962.3
28	82.4	149.3	172.4	182.1	245.5	90.7	107.6	182.1	186.5	984.9
29	84.2	153.7	177.3	187.3	252.3	93.8	110.9	187.2	191.7	1007.9

TEMP °C	TEMP °F	REFRIGERANTE (Código de letra usado por Sporlan)								
		HFC 22(V)	HFC 407C(N)	HFC 407A(V)	HFC 410A(Z)	HFC 134a(J)	HFC 401A(X)	HFC 404A(S)	HFC 507(P)	744
30	86	158.2	182.4	192.7	259.3	97.0	114.4	192.5	197.1	1031.6
31	87.8	162.7	187.6	198.1	266.5	100.3	117.8	197.8	202.5	1055.3
32	89.6	167.4	192.9	203.6	273.7	103.6	121.4	203.3	208.1	*
33	91.4	172.1	198.3	209.2	281.1	107.0	125.0	208.8	213.7	*
34	93.2	176.9	203.8	215.0	288.7	110.4	128.7	214.4	219.5	*
35	95	181.8	209.4	220.8	296.4	114.0	132.5	220.2	225.4	*
36	96.8	186.8	215.1	226.8	304.2	117.6	136.3	226.1	231.4	*
37	98.6	191.9	220.9	232.9	312.2	121.2	140.2	232.0	237.5	*
38	100.4	197.1	226.8	239.0	320.4	125.0	144.2	238.1	243.7	*
39	102.2	202.4	232.8	245.3	328.7	128.8	148.3	244.3	250.0	*
40	104	207.7	239.0	251.7	337.1	132.8	152.4	250.6	256.5	*
41	105.8	213.2	245.2	258.3	345.7	136.7	156.6	257.1	263.0	*
42	107.6	218.8	251.6	264.9	354.5	140.8	160.9	263.6	269.7	*
43	109.4	224.5	258.1	271.7	363.4	145.0	165.3	270.3	276.5	*
44	111.2	230.2	264.7	278.5	372.5	149.2	169.8	277.1	283.5	*
45	113	236.1	271.4	285.5	381.8	153.5	174.3	284.0	290.5	*
46	114.8	242.1	278.2	292.7	391.2	158.0	178.9	291.0	297.7	*
47	116.6	248.2	285.1	299.9	400.8	162.4	183.6	298.2	305.0	*
48	118.4	254.4	292.2	307.3	410.6	167.0	188.4	305.5	312.5	*
49	120.2	260.7	299.4	314.8	420.5	171.7	193.2	312.9	320.1	*
50	122	267.1	306.7	322.4	430.7	176.5	198.2	320.4	327.8	*
51	123.8	273.6	314.1	330.2	441.0	181.3	203.2	328.1	335.6	*
52	125.6	280.2	321.7	338.1	451.5	186.2	208.3	335.9	343.6	*
53	127.4	287.0	329.4	346.1	462.2	191.3	213.5	343.9	351.8	*
54	129.2	293.8	337.2	354.3	473.0	196.4	218.8	352.0	360.0	*
55	131	300.8	345.2	362.6	484.1	201.6	224.2	360.2	368.5	*
56	132.8	307.9	353.3	371.0	495.4	207.0	229.7	368.6	377.1	*
57	134.6	315.1	361.5	379.6	506.8	212.4	235.3	377.2	385.8	*
58	136.4	322.4	369.8	388.3	518.5	217.9	240.9	385.9	394.7	*
59	138.2	329.8	378.3	397.2	530.4	223.5	246.7	394.7	403.7	*
60	140	337.4	387.0	406.2	542.5	229.2	252.5	403.7	413.0	*
62	143.6	352.9	404.6	424.6	567.4	241.0	264.5	422.2	431.9	*
64	147.2	368.9	422.9	443.7	593.2	253.2	276.9	441.4	451.6	*
66	150.8	385.4	441.7	463.3	619.9	265.8	289.7	461.3	472.0	*
68	154.4	402.5	461.1	483.6	647.7	278.8	302.8	482.0	493.3	*
70	158	420.0	481.2	504.5	676.5	292.3	316.4	503.5	515.6	*
72	161									