



TEMPERATURE - PRESSURE CHART

PRESSURE - Pounds Per Square Inch Gauge

SPORLAN www.sporlan.com

TEMP °F	REFRIGERANT (Sporlan Letter Code)			
	HCFC 22(V)	HFC 407C(N)	HFC 410A(Z)	HFC 134a(J)
-10	16.5	11.9	36.1	2.0
-8	17.9	13.2	38.4	2.8
-6	19.4	14.6	40.7	3.7
-4	20.9	15.9	43.1	4.6
-2	22.4	17.4	45.6	5.5
0	24.0	18.9	48.2	6.5
1	24.8	19.6	49.5	7.0
2	25.7	20.4	50.9	7.5
3	26.5	21.2	52.2	8.0
4	27.4	22.0	53.6	8.6
5	28.3	22.8	55.0	9.1
6	29.1	23.7	56.4	9.7
7	30.0	24.5	57.9	10.2
8	31.0	25.4	59.3	10.8
9	31.9	26.2	60.8	11.4
10	32.8	27.1	62.3	12.0
11	33.8	28.0	63.9	12.6
12	34.8	29.0	65.4	13.2
13	35.8	29.9	67.0	13.8
14	36.8	30.9	68.6	14.4
15	37.8	31.8	70.2	15.1
16	38.8	32.8	71.9	15.7
17	39.9	33.8	73.5	16.4
18	40.9	34.8	75.2	17.1
19	42.0	35.9	77.0	17.7
20	43.1	36.9	78.7	18.4

TEMP °F	REFRIGERANT (Sporlan Letter Code)			
	HCFC 22(V)	HFC 407C(N)	HFC 410A(Z)	HFC 134a(J)
21	44.2	38.0	80.5	19.2
22	45.3	39.1	82.3	19.9
23	46.5	40.2	84.1	20.6
24	47.6	41.3	85.9	21.4
25	48.8	42.4	87.8	22.1
26	50.0	43.6	89.7	22.9
27	51.2	44.7	91.6	23.7
28	52.4	45.9	93.5	24.5
29	53.7	47.1	95.5	25.3
30	54.9	48.4	97.5	26.1
31	56.2	49.6	99.5	26.9
32	57.5	50.9	101.6	27.8
33	58.8	52.1	103.6	28.6
34	60.2	53.4	105.7	29.5
35	61.5	54.8	107.9	30.4
36	62.9	56.1	110.0	31.3
37	64.3	57.5	112.2	32.2
38	65.7	58.9	114.4	33.1
39	67.1	60.3	116.7	34.1
40	68.6	61.7	118.9	35.0
41	70.0	63.1	121.2	36.0
42	71.5	64.6	123.6	37.0
43	73.0	66.1	125.9	38.0
44	74.5	67.6	128.3	39.0
45	76.1	69.1	130.7	40.0
46	77.6	70.6	133.2	41.1

TEMP °F	REFRIGERANT (Sporlan Letter Code)			
	HCFC 22(V)	HFC 407C(N)	HFC 410A(Z)	HFC 134a(J)
47	79.2	72.2	135.6	42.2
48	80.8	73.8	138.2	43.2
49	82.4	75.4	140.7	44.3
50	84.1	77.1	143.3	45.4
55	92.6	106.0	156.6	51.2
60	101.6	116.2	170.7	57.4
65	111.3	127.0	185.7	64.0
70	121.5	138.5	201.5	71.1
75	132.2	150.6	218.2	78.6
80	143.7	163.5	235.9	86.7
85	155.7	177.0	254.6	95.2
90	168.4	191.3	274.3	104.3
95	181.9	206.4	295.0	113.9
100	196.0	222.3	316.9	124.1
105	210.8	239.0	339.9	134.9
110	226.4	256.5	364.1	146.3
115	242.8	274.9	389.6	158.4
120	260.0	294.2	416.4	171.1
125	278.1	314.5	444.5	184.5
130	297.0	335.7	474.0	198.7
135	316.7	357.8	505.0	213.5
140	337.4	380.9	537.6	229.2
145	359.1	405.1	571.7	245.6
150	381.7	430.3	607.6	262.8
155	405.4	456.6	645.2	281.0
160	430.1	484.0	684.7	299.9

EXPLANATION OF BUBBLE/DEW POINTS FOR REFRIGERANT BLENDS

BUBBLE (LIQUID) POINT: Red Values To determine Subcooling, use bubble (liquid) values

DEW (VAPOR) POINT: Blue Values To determine superheat, use dew (vapor) values

