

Vacuum-Inches of Mercury—**SPORLAN** **TEMPERATURE PRESSURE CHART** Pressure-Pounds Per Square Inch Gage
Italic Figures **Bold Figures**

TEMPER- ATURE °F	REFRIGERANT (SPORLAN CODE)				TEMPER- ATURE °F	REFRIGERANT (SPORLAN CODE)									
	R-22(V)	R-410A(Z)	R-407C(N)	R-12(F)		R-134a(J)	R-22(V)	R-410A(Z)	R-407C(N)	R-12(F)	R-134a(J)				
-60	11.9	0.9	16.0	19.0	21.6	34.8	65.4	29.0	15.9	13.2	71.5	123.6	64.6	38.9	37.0
-55	9.2	1.8	13.7	17.3	20.2	35.8	67.0	29.9	16.5	13.8	73.0	125.9	66.1	39.8	38.0
-50	6.1	4.3	11.1	15.4	18.6	36.8	68.6	30.9	17.1	14.4	74.5	128.3	67.6	40.8	39.0
-45	2.7	7.0	8.1	13.3	16.7	37.8	70.2	31.8	17.7	15.1	76.1	130.7	69.1	41.7	40.0
-40	0.6	10.1	4.8	11.0	14.7	38.8	71.9	32.8	18.4	15.7	77.6	133.2	70.6	42.7	41.1
-35	2.6	13.5	1.1	8.4	12.3	39.9	73.5	33.8	19.0	16.4	79.2	135.6	72.2	43.7	42.2
-30	4.9	17.2	1.5	5.5	9.7	40.9	75.2	34.8	19.7	17.1	80.8	138.2	73.8	44.7	43.2
-25	7.5	21.4	3.7	2.3	6.8	42.0	77.0	35.9	20.4	17.7	82.4	140.7	75.4	45.7	44.3
-20	10.2	25.9	6.2	0.6	3.6	43.1	78.7	36.9	21.1	18.4	84.1	143.3	77.1	46.7	45.4
-18	11.4	27.8	7.2	1.3	2.2	44.2	80.5	38.0	21.8	19.2	85.7	146.4	78.8	47.7	46.1
-16	12.6	29.7	8.4	2.1	0.7	45.3	82.3	39.1	22.5	19.9	87.3	149.5	80.5	48.7	46.8
-14	13.9	31.8	9.5	2.8	0.4	46.5	84.1	40.2	23.2	20.6	88.9	152.6	82.3	49.7	47.5
-12	15.2	33.9	10.7	3.7	1.2	47.6	85.9	41.3	23.9	21.4	90.5	155.7	84.1	50.7	48.2
-10	16.5	36.1	11.9	4.5	2.0	48.8	87.8	42.4	24.6	22.1	92.1	158.8	85.9	51.7	48.9
-8	17.9	38.4	13.2	5.4	2.8	50.0	89.7	43.6	25.4	22.9	93.7	161.9	87.7	52.7	49.6
-6	19.4	40.7	14.6	6.3	3.7	51.2	91.6	44.7	26.1	23.7	95.3	165.0	89.5	53.7	50.3
-4	20.9	43.1	15.9	7.2	4.6	52.4	93.5	45.9	26.9	24.5	96.9	168.1	91.3	54.7	51.0
-2	22.4	45.6	17.4	8.2	5.5	53.7	95.5	47.1	27.7	25.3	98.5	171.2	93.1	55.7	51.7
0	24.0	48.2	18.9	9.2	6.5	54.9	97.5	48.4	28.5	26.1	100.1	174.3	94.9	56.7	52.4
1	24.8	49.5	19.6	9.7	7.0	56.2	99.5	49.6	29.3	26.9	101.7	177.4	96.7	57.7	53.1
2	25.7	50.9	20.4	10.2	7.5	57.5	101.6	50.9	30.1	27.8	103.3	180.5	98.5	58.7	53.8
3	26.5	52.2	21.2	10.7	8.0	58.8	103.6	52.1	30.9	28.6	104.9	183.6	100.3	59.7	54.5
4	27.4	53.6	22.0	11.3	8.6	60.2	105.7	53.4	31.8	29.5	106.5	186.7	102.1	60.7	55.2
5	28.3	55.0	22.8	11.8	9.1	61.5	107.9	54.8	32.6	30.4	108.1	189.8	103.9	61.7	55.9
6	29.1	56.4	23.7	12.4	9.7	62.9	110.0	56.1	33.5	31.3	109.7	192.9	105.7	62.7	56.6
7	30.0	57.9	24.5	12.9	10.2	64.3	112.2	57.5	34.3	32.2	111.3	196.0	107.5	63.7	57.3
8	31.0	59.3	25.4	13.5	10.8	65.7	114.4	58.9	35.2	33.1	112.9	199.3	109.3	64.7	58.0
9	31.9	60.8	26.2	14.1	11.4	67.1	116.7	60.3	36.1	34.1	114.5	202.6	111.1	65.7	58.7
10	32.8	62.3	27.1	14.7	12.0	68.6	118.9	61.7	37.0	35.0	116.1	205.9	112.9	66.7	59.4
11	33.8	63.9	28.0	15.3	12.6	70.0	121.2	63.1	37.9	36.0	117.7	209.2	114.7	67.7	60.1

To determine *subcooling* for refrigerant R-407C use BUBBLE POINT values (Temperatures above 50°F — Gray Background); to determine *superheat* R-407C, use DEW POINT values (Temperatures 50°F and below).