

Thermistor Definitions				
NTC = Negative Temperature Coefficient				
Thermistor	Condition		Primary Range (Degrees F)	Accuracy (Over Primary Range) (Degrees F)
	Shorted (Ohms)	Open (Ohms)		
Outdoor	< 1000	> 350,000	-20 to 50	1 Deg. F
Liquid Line	< 1000	> 350,000	-25 to 45	1 Deg. F

**Ambient (Outdoor) Sensor Temperature / Resistance / Voltage - Conversion Chart**

Temperature Degrees F	Resistance Ohms	Voltage DC	Temperature Degrees F	Resistance Ohms	Voltage DC
-25	196,871	3.89	55	17,434	1.18
-20	165,487	3.73	60	15,310	1.07
-15	139,576	3.56	65	13,474	0.96
-10	118,108	3.39	70	11,883	0.87
-5	100,260	3.20	75	10,501	0.79
0	85,371	3.01	80	9,299	0.71
5	72,910	2.82	85	8,250	0.64
10	62,449	2.63	90	7,334	0.58
15	53,640	2.44	95	6,531	0.52
20	46,200	2.25	100	5,827	0.47
25	39,898	2.07	105	5,208	0.42
30	34,545	1.90	110	4,663	0.38
35	29,986	1.74	115	4,182	0.34
40	26,092	1.58	120	3,757	0.31
45	22,758	1.44	125	3,381	0.28
50	19,896	1.30	130	3,047	0.25

**Liquid Line (Coil) Sensor Temperature / Resistance / Voltage - Conversion Chart**

Temperature Degrees F	Resistance Ohms	Voltage DC	Temperature Degrees F	Resistance Ohms	Voltage DC
-25	196,871	3.71	45	22,758	1.25
-20	165,487	3.54	50	19,896	1.13
-15	139,576	3.36	55	17,434	1.02
-10	118,108	3.17	60	15,310	0.91
-5	100,260	2.98	65	13,474	0.82
0	85,371	2.78	70	11,883	0.74
5	72,910	2.58	75	10,501	0.66
10	62,449	2.39	80	9,299	0.60
15	53,640	2.20	85	8,250	0.54
20	46,200	2.02	90	7,334	0.48
25	39,898	1.84	95	6,531	0.43
30	34,545	1.68	100	5,827	0.39
35	29,986	1.52	105	5,208	0.35
40	26,092	1.38	110	4,663	0.32