



**Suppliers of Air Conditioning & Refrigeration  
Control Equipment**

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*ETC Probe Resistance Vs Temperature Chart:*

Temperature °C	Minimum ( K Ohm )	Centre ( K Ohm )	Maximum ( K Ohm )
-50	344.6	361.8	379.8
-49	324.6	340.6	357.4
-48	306	320.8	336.4
-47	288.5	302.3	316.7
-46	272.1	285	298.4
-45	256.8	268.7	281.2
-44	242.4	253.5	255.1
-43	229	239.3	250.1
-42	216.3	225.9	235.9
-41	204.5	213.4	222.7
-40	193.3	201.7	210.3
-39	182.9	190.6	198.7
-38	173	180.3	187.8
-37	163.8	170.5	177.5
-36	155.1	161.4	167.9
-35	145.9	152.8	158.8
-34	139.2	144.7	150.3
-33	132	137.1	142.3
-32	125.1	129.9	134.8
-31	118.7	123.1	127.7
-30	112.6	116.8	121.1
-29	106.9	110.8	114.8
-28	101.5	105.2	108.9
-27	96.46	99.83	103.3
-26	91.65	94.81	98.06
-25	87.12	90.07	93.10
-24	82.84	85.59	88.43
-23	78.79	81.37	84.02
-22	74.97	77.37	79.85
-21	71.35	73.60	75.92
-20	67.93	70.03	72.20
-19	64.59	66.66	68.69
-18	61.63	63.47	65.36
-17	58.73	60.45	62.22
-16	55.98	57.60	59.25
-15	53.38	54.89	55.44
-14	50.91	52.33	53.78
-13	48.58	49.90	51.25

-12	46.35	47.60	48.87
-11	44.25	45.42	46.60
-10	42.26	43.35	44.45
-9	40.37	41.38	42.42
-8	38.57	39.52	40.49
-7	36.85	37.75	38.66
-6	35.24	35.07	35.93
-5	33.70	34.48	35.28
-4	32.23	32.95	33.71
-3	30.84	31.52	32.22
-2	29.51	30.16	30.81
-1	28.25	28.85	29.47
0	27.05	27.62	28.19
1	25.91	25.44	26.97
2	24.82	25.32	25.82
3	23.79	24.25	24.72
4	22.80	23.23	23.67
5	21.86	22.27	22.68
6	20.97	21.34	21.73
7	20.11	20.46	20.82
8	19.30	19.63	19.96
9	18.52	18.83	19.14
10	17.78	18.07	18.36
11	17.07	17.34	17.61
12	16.39	16.55	16.90
13	15.75	15.98	16.22
14	15.13	15.35	15.57
15	14.54	14.75	14.96
16	13.98	14.17	14.37
17	13.44	13.62	13.80
18	12.93	13.09	13.25
19	12.44	12.59	12.75
20	11.97	12.11	12.25
21	11.52	11.65	11.79
22	11.08	11.21	11.34
23	10.67	10.79	10.91
24	10.28	10.39	10.49
25	9.90	10	10.10
26	9.531	9.631	9.731
27	9.177	9.277	9.377
28	8.838	8.938	9.038
29	8.514	8.613	8.713
30	8.203	8.302	8.401
31	7.906	8.004	8.102
32	7.620	7.718	7.816
33	7.347	7.444	7.541
34	7.085	7.180	7.277
35	6.833	6.928	7.024

36	6.592	6.686	6.781
37	6.361	6.454	6.547
38	6.138	6.23	6.323
39	5.925	6.016	6.108
40	5.721	5.810	5.901
41	5.524	5.613	5.702
42	5.335	5.423	5.511
43	5.154	5.240	5.328
44	4.980	5.065	5.151
45	4.813	4.897	4.981
46	4.652	4.734	4.818
47	4.497	4.578	4.661
48	4.348	4.429	4.510
49	4.205	4.284	4.364
50	4.068	4.145	4.224
51	3.935	4.012	4.090
52	3.808	3.883	3.960
53	3.585	3.759	3.835
54	3.557	3.640	3.714
55	3.453	3.525	3.598
56	3.344	3.415	3.486
57	3.238	3.308	3.378
58	3.137	3.205	3.275
59	3.039	3.106	3.174
60	2.945	3.011	3.078
61	2.854	2.919	2.985
62	2.756	2.830	2.895
63	2.682	2.744	2.808
64	2.6	2.662	2.724
65	2.521	2.582	2.643
66	2.446	2.505	2.565
67	2.372	2.431	2.490
68	2.302	2.359	2.417
69	2.234	2.290	2.347
70	2.168	2.223	2.279