



## HVAC temperature measuring elements

### R/T TABLES

Temp		NTC thermistors					RTD elements	
		curve A	curve B	curve C	curve D		curve E	
		NTC 10KOhm-2	NTC 10KOhm-3	NTC 20KOhm	NTC 3KOhm	Temp.tol.	Pt1000/B	Temp.tol.
°C	°F	R (kOhm)	R (kOhm)	R (kOhm)	R (kOhm)	± °C	R (Ohm)	± °C (B)
-40	-40	341.4	242.1	784.6	97.40	0.32	843	0.50
-35	-31	246.2	181.0	558.8	71.53	0.31	862	0.48
-30	-22	179.5	136.6	402.7	52.80	0.30	882	0.45
-25	-13	132.2	103.9	293.6	39.16	0.28	902	0.43
-20	-4	98.34	79.64	216.3	29.24	0.27	922	0.40
-15	5	73.73	61.54	160.7	22.04	0.25	941	0.38
-10	14	55.78	47.91	120.5	16.74	0.24	961	0.35
-5	23	42.59	37.57	91.07	12.79	0.22	980	0.33
0	32	32.82	29.66	69.40	9.856	0.20	1000	0.30
5	41	25.52	23.57	53.33	7.663	0.20	1020	0.33
10	50	19.97	18.85	41.28	5.999	0.20	1039	0.35
15	59	15.75	15.17	32.18	4.729	0.20	1058	0.38
20	68	12.51	12.28	25.28	3.754	0.20	1078	0.40
25	77	10.00	10.00	20.00	3.000	0.10	1097	0.43
30	86	8.048	8.184	15.92	2.416	0.10	1117	0.45
35	95	6.516	6.735	12.75	1.957	0.10	1136	0.48
40	104	5.306	5.577	10.27	1.595	0.10	1155	0.50
45	113	4.345	4.641	8.320	1.307	0.10	1175	0.53
50	122	3.578	3.877	6.779	1.076	0.20	1194	0.55
55	131	2.962	3.261	5.556	0.888	0.20	1213	0.58
60	140	2.464	2.756	4.577	0.737	0.20	1232	0.60
65	149	2.060	2.340	3.788	0.616	0.20	1252	0.63
70	158	1.730	1.996	3.150	0.518	0.20	1271	0.65
75	167	1.460	1.707	2.630	0.441	0.28	1290	0.68
80	176	1.236	1.466	2.206	0.377	0.31	1309	0.70
85	185	1.051	1.264	1.857	0.324	0.34	1328	0.73
90	194	0.896	1.095	1.570	0.278	0.38	1347	0.75
95	203	0.767	0.952	1.333	0.239	0.41	1366	0.78
100	212	0.659	0.831	1.136	0.206	0.45	1385	0.80
105	221	0.569	0.728	0.972	0.179	0.49	1404	0.83
110	230	0.493	0.640	0.834	0.156	0.53	1423	0.85
115	239	0.428	0.564	0.719	0.136	0.57	1442	0.88
120	248	0.374	0.499	0.621	0.119	0.61	1461	0.90
125	257	0.327	0.443	0.539	0.105	0.65	1479	0.93

\* Other elements on request

