



T100 Sensor Temperature Ranges

Application Note

Rev. 08/31/10

BAPI has available and verified the following temperature ranges for the T100 Room Sensor. Ranges are sorted by span, low temperature first. Fahrenheit ranges are on the left and the corresponding Celsius ranges are on the right.

Temperature Range °F		
Span	Low	High
30	55	85
35	50	85
36	14	50
39.6	50	89.6
40	50	90
50	20	70
50	40	90
50	45	95
50	46	96
50	50	100
51	30	81
54	32	86
60	20	80
60	30	90
60	40	100
70	-20	50
70	30	100
70	40	110
72	32	104
80	40	120
80	120	200
90	32	122
99	19.4	118.4
100	-50	50
100	0	100
100	20	120
100	30	130
100	35	135
100	40	140
102	32	134
102.6	32	134.6
105	-5	100
120	0	120
125	-25	100
132	0	132
140	-20	120
140	40	180
150	-50	100
150	0	150
160	-30	130
170	-30	140
171	32	203
175	-25	150
180	-58	122
180	-40	140
180	-22	158
180	-20	160
180	-4	176
180	-4	176
180	32	212
200	0	200
200	40	240
200	50	250
202	-50	150
202	-50	152
204	-52	152
204	30	234
207	-22	185
220	30	250
225	-13	212
226	-58	168
250	0	250
300	0	300
306	32	338
410	0	410
450	50	500
476	-76	400
500	0	500

Temperature Range °C		
Span	Low	High
16	13	29
19	10	29
20	-10	10
22	10	32
22	10	32
28	-7	21
28	4	32
28	7	35
28	8	36
28	10	38
28	-1	27
30	0	30
33	-7	27
33	-1	32
33	4	38
39	-29	10
39	-1	38
39	4	43
40	0	40
44	4	49
44	49	93
50	0	50
55	-7	48
56	-46	10
56	-18	38
56	-7	49
56	-1	54
56	2	57
56	4	60
57	0	57
57	0	57
58	-21	38
67	-18	49
69	-32	38
73	-18	56
78	-29	49
78	4	82
84	-46	38
83	-18	66
89	-34	54
94	-34	60
95	0	95
97	-32	66
100	-50	50
100	-40	60
100	-30	70
100	-29	71
100	-20	80
100	-20	80
100	0	100
111	-18	93
111	4	116
111	10	121
100	-46	67
100	-46	67
100	-47	67
113	-1	112
115	-30	85
122	-1	121
125	-25	100
126	-50	76
139	-18	121
167	-18	149
170	0	170
228	-18	210
250	10	260
264	-60	204
278	-18	260