

1% Error Calculations for D-Series and DX-Series (501 and 1001)

Error Formula = +/- (1 + (Ttarget - Tambient).02)

Ta (F) = 72  
 Ta (C) = 22.2

<u>Tt (F)</u>	<u>Allow. Err.</u>	<u>Tt (C)</u>	<u>Allow. Err</u>
20	2.0	-6.7	1.1
32	1.8	0.0	1.0
40	1.6	4.4	0.9
50	1.4	10.0	0.8
59	1.3	15.0	0.7
68	1.1	20.0	0.6
77	1.1	25.0	0.6
86	1.3	30.0	0.7
95	1.5	35.0	0.8
103	1.6	39.4	0.9
114	1.8	45.6	1.0
123	2.0	50.6	1.1
147	2.5	63.9	1.4
212	3.8	100.0	2.1
230	4.2	110.0	2.3
248	4.5	120.0	2.5
329	6.1	165.0	3.4
387	7.3	197.2	4.1
1030	20.2	554.4	11.2
1170	23.0	632.2	12.8
1470	29.0	798.9	16.1

3% Error Calculations for D-Series and DX-Series (1201 and 1601)

Error Formula = (Ttarget)(.03) + Absolute Value (Ttarget - Tambient)(.03)

Ta (F) = 76  
 Ta (C) = 24.4

<u>Tt (F)</u>	<u>Allow. Err.</u>	<u>Tt (C)</u>	<u>Allow. Err</u>
212	10.6	100.0	5.3
387	21.1	197.2	11.2
930	53.6	498.9	29.3
993	57.4	533.9	31.4
1030	59.6	554.4	32.6
1056	61.2	568.9	33.5
1120	65.0	604.4	35.6
1170	68.0	632.2	37.3
1182	68.8	638.9	37.7
1245	72.5	673.9	39.8
1307	76.3	708.3	41.8
1370	80.0	743.3	43.9
1470	86.0	798.9	47.3