TABLE 32 100Ω *Platinum RTD* — *0.00392 coefficient*
temperature in °F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
						Resistance in Ohms						
-320	19.03	18.79	18.54	18.30	18.05	17.81	17.57	17.32	17.08			-320
-310	21.46	21.22	20.97	20.73	20.49	20.24	20.00	19.76	19.52	19.27	19.03	-310
-300	23.88	23.63	23.39	23.15	22.91	22.67	22.43	22.18	21.94	21.70	21.46	-300
-290	26.28	26.04	25.80	25.56	25.32	25.08	24.84	24.60	24.36	24.12	23.88	-290
-280	28.68	28.44	28.20	27.96	27.72	27.48	27.24	27.00	26.76	26.52	26.28	-280
-270	31.07	30.83	30.59	30.35	30.11	29.87	29.64	29.40	29.16	28.92	28.68	-270
-260	33.45	33.21	32.97	32.73	32.50	32.26	32.02	31.78	31.54	31.31	31.07	-260
-250	35.82	35.58	35.34	35.11	34.87	34.63	34.39	34.16	33.92	33.68	33.45	-250
-240	38.18	37.94	37.70	37.47	37.23	37.00	36.76	36.52	36.29	36.05	35.82	-240
-230	40.53	40.29	40.06	39.82	39.59	39.35	39.12	38.88	38.65	38.41	38.18	-230
-220	42.87	42.64	42.41	42.17	41.94	41.70	41.47	41.23	41.00	40.76	40.53	-220
-210	45.21	44.98	44.74	44.51	44.28	44.04	43.81	43.58	43.34	43.11	42.87	-210
-200	47.54	47.31	47.07	46.84	46.61	46.38	46.14	45.91	45.68	45.44	45.21	-200
-190	49.86	49.63	49.40	49.17	48.93	48.70	48.47	48.24	48.00	47.77	47.54	-190
-180	52.18	51.95	51.72	51.48	51.25	51.02	50.79	50.56	50.33	50.09	49.86	-180
-170	54.49	54.26	54.02	53.79	53.56	53.33	53.10	52.87	52.64	52.41	52.18	-170
-160	56.79	56.56	56.33	56.10	55.87	55.64	55.41	55.18	54.95	54.72	54.49	-160
-150	59.08	58.86	58.63	58.40	58.17	57.94	57.71	57.48	57.25	57.02	56.79	-150
-140	61.37	61.15	60.92	60.69	60.46	60.23	60.00	59.77	59.54	59.31	59.08	-140
-130	63.66	63.43	63.20	62.97	62.75	62.52	62.29	62.06	61.83	61.60	61.37	-130
-120	65.94	65.71	65.48	65.25	65.03	64.80	64.57	64.34	64.11	63.89	63.66	-120
-110	68.21	67.98	67.76	67.53	67.30	67.07	66.85	66.62	66.39	66.16	65.94	-110
-100	70.48	70.25	70.03	69.80	69.57	69.35	69.12	68.89	68.66	68.44	68.21	-100
-90	72.74	72.52	72.29	72.06	71.84	71.61	71.38	71.16	70.93	70.71	70.48	-90
-80	75.00	74.77	74.55	74.32	74.10	73.87	73.65	73.42	73.19	72.97	72.74	-80
-70	77.25	77.03	76.80	76.58	76.35	76.13	75.90	75.68	75.45	75.23	75.00	-70
-60	79.50	79.28	79.05	78.83	78.60	78.38	78.15	77.93	77.70	77.48	77.25	-60
-50	81.75	81.52	81.30	81.07	80.85	80.63	80.40	80.18	79.95	79.73	79.50	-50
-40	83.99	83.76	83.54	83.32	83.09	82.87	82.64	82.42	82.20	81.97	81.75	-40
-30	86.22	86.00	85.78	85.55	85.33	85.11	84.88	84.66	84.44	84.21	83.99	-30
-20	88.46	88.23	88.01	87.79	87.56	87.34	87.12	86.89	86.67	86.45	86.22	-20
-10	90.68	90.46	90.24	90.02	89.79	89.57	89.35	89.12	88.90	88.68	88.46	-10
0	92.91	92.69	92.46	92.24	92.02	91.80	91.57	91.35	91.13	90.91	90.68	0
0	92.91	93.13	93.35	93.57	93.80	94.02	94.24	94.46	94.68	94.91	95.13	0
10	95.13	95.35	95.57	95.79	96.02	96.24	96.46	96.68	96.90	97.12	97.34	10
20	97.34	97.57	97.79	98.01	98.23	98.45	98.67	98.89	99.12	99.34	99.56	20
30	99.56	99.78	100.00	100.22	100.44	100.66	100.88	101.10	101.33	101.55	101.77	30
40	101.77	101.99	102.21	102.43	102.65	102.87	103.09	103.31	103.53	103.75	103.97	40
50	103.97	104.19	104.41	104.63	104.85	105.07	105.29	105.51	105.73	105.95	106.17	50
60	106.17	106.39	106.61	106.83	107.05	107.27	107.49	107.71	107.93	108.15	108.37	60
70	108.37	108.59	108.81	109.03	109.25	109.47	109.69	109.91	110.13	110.35	110.57	70
80	110.57	110.79	111.01	111.23	111.45	111.66	111.88	112.10	112.32	112.54	112.76	80
90	112.76	112.98	113.20	113.42	113.63	113.85	114.07	114.29	114.51	114.73	114.95	90
100	114.95	115.17	115.38	115.60	115.82	116.04	116.26	116.48	116.69	116.91	117.13	100
110	117.13	117.35	117.57	117.79	118.00	118.22	118.44	118.66	118.88	119.09	119.31	110
120	119.31	119.53	119.75	119.96	120.18	120.40	120.62	120.84	121.05	121.27	121.49	120
130	121.49	121.71	121.92	122.14	122.36	122.57	122.79	123.01	123.23	123.44	123.66	130
140	123.66	123.88	124.10	124.31	124.53	124.75	124.96	125.18	125.40	125.61	125.83	140

°F	0	1	2	3	4	5	6	7	8	9	10	°F

TABLE 32 ***100 Ω Platinum RTD*** **—** *0.00392 coefficient*
temperature in °F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
						Resistance in Ohms						
150	125.83	126.05	126.26	126.48	126.70	126.91	127.13	127.35	127.56	127.78	128.00	150
160	128.00	128.21	128.43	128.65	128.86	129.08	129.29	129.51	129.73	129.94	130.16	160
170	130.16	130.37	130.59	130.81	131.02	131.24	131.45	131.67	131.89	132.10	132.32	170
180	132.32	132.53	132.75	132.96	133.18	133.39	133.61	133.83	134.04	134.26	134.47	180
190	134.47	134.69	134.90	135.12	135.33	135.55	135.76	135.98	136.19	136.41	136.62	190
200	136.62	136.84	137.05	137.27	137.48	137.70	137.91	138.13	138.34	138.56	138.77	200
210	138.77	138.99	139.20	139.41	139.63	139.84	140.06	140.27	140.49	140.70	140.92	210
220	140.92	141.13	141.34	141.56	141.77	141.99	142.20	142.41	142.63	142.84	143.06	220
230	143.06	143.27	143.48	143.70	143.91	144.12	144.34	144.55	144.77	144.98	145.19	230
240	145.19	145.41	145.62	145.83	146.05	146.26	146.47	146.69	146.90	147.11	147.33	240
250	147.33	147.54	147.75	147.96	148.18	148.39	148.60	148.82	149.03	149.24	149.46	250
260	149.46	149.67	149.88	150.09	150.31	150.52	150.73	150.94	151.16	151.37	151.58	260
270	151.58	151.79	152.01	152.22	152.43	152.64	152.85	153.07	153.28	153.49	153.70	270
280	153.70	153.92	154.13	154.34	154.55	154.76	154.98	155.19	155.40	155.61	155.82	280
290	155.82	156.03	156.25	156.46	156.67	156.88	157.09	157.30	157.51	157.73	157.94	290
300	157.94	158.15	158.36	158.57	158.78	158.99	159.20	159.42	159.63	159.84	160.05	300
310	160.05	160.26	160.47	160.68	160.89	161.10	161.31	161.52	161.74	161.95	162.16	310
320	162.16	162.37	162.58	162.79	163.00	163.21	163.42	163.63	163.84	164.05	164.26	320
330	164.26	164.47	164.68	164.89	165.10	165.31	165.52	165.73	165.94	166.15	166.36	330
340	166.36	166.57	166.78	166.99	167.20	167.41	167.62	167.83	168.04	168.25	168.46	340
350	168.46	168.67	168.88	169.09	169.30	169.51	169.71	169.92	170.13	170.34	170.55	350
360	170.55	170.76	170.97	171.18	171.39	171.60	171.81	172.02	172.22	172.43	172.64	360
370	172.64	172.85	173.06	173.27	173.48	173.69	173.89	174.10	174.31	174.52	174.73	370
380	174.73	174.94	175.14	175.35	175.56	175.77	175.98	176.19	176.39	176.60	176.81	380
390	176.81	177.02	177.23	177.43	177.64	177.85	178.06	178.27	178.47	178.68	178.89	390
400	178.89	179.10	179.30	179.51	179.72	179.93	180.13	180.34	180.55	180.76	180.96	400
410	180.96	181.17	181.38	181.59	181.79	182.00	182.21	182.41	182.62	182.83	183.04	410
420	183.04	183.24	183.45	183.66	183.86	184.07	184.28	184.48	184.69	184.90	185.10	420
430	185.10	185.31	185.52	185.72	185.93	186.14	186.34	186.55	186.76	186.96	187.17	430
440	187.17	187.37	187.58	187.79	187.99	188.20	188.41	188.61	188.82	189.02	189.23	440
450	189.23	189.44	189.64	189.85	190.05	190.26	190.46	190.67	190.88	191.08	191.29	450
460	191.29	191.49	191.70	191.90	192.11	192.31	192.52	192.72	192.93	193.13	193.34	460
470	193.34	193.55	193.75	193.96	194.16	194.37	194.57	194.78	194.98	195.18	195.39	470
480	195.39	195.59	195.80	196.00	196.21	196.41	196.62	196.82	197.03	197.23	197.44	480
490	197.44	197.64	197.84	198.05	198.25	198.46	198.66	198.87	199.07	199.27	199.48	490
500	199.48	199.68	199.89	200.09	200.29	200.50	200.70	200.91	201.11	201.31	201.52	500
510	201.52	201.72	201.93	202.13	202.33	202.54	202.74	202.94	203.15	203.35	203.55	510
520	203.55	203.76	203.96	204.16	204.37	204.57	204.77	204.98	205.18	205.38	205.58	520
530	205.58	205.79	205.99	206.19	206.40	206.60	206.80	207.01	207.21	207.41	207.61	530
540	207.61	207.82	208.02	208.22	208.42	208.63	208.83	209.03	209.23	209.44	209.64	540
550	209.64	209.84	210.04	210.24	210.45	210.65	210.85	211.05	211.25	211.46	211.66	550
560	211.66	211.86	212.06	212.26	212.47	212.67	212.87	213.07	213.27	213.47	213.68	560
570	213.68	213.88	214.08	214.28	214.48	214.68	214.88	215.09	215.29	215.49	215.69	570
580	215.69	215.89	216.09	216.29	216.49	216.70	216.90	217.10	217.30	217.50	217.70	580
590	217.70	217.90	218.10	218.30	218.50	218.70	218.90	219.10	219.31	219.51	219.71	590
600	219.71	219.91	220.11	220.31	220.51	220.71	220.91	221.11	221.31	221.51	221.71	600
610	221.71	221.91	222.11	222.31	222.51	222.71	222.91	223.11	223.31	223.51	223.71	610
620	223.71	223.91	224.11	224.31	224.51	224.71	224.91	225.11	225.30	225.50	225.70	620
630	225.70	225.90	226.10	226.30	226.50	226.70	226.90	227.10	227.30	227.50	227.70	630
640	227.70	227.89	228.09	228.29	228.49	228.69	228.89	229.09	229.29	229.49	229.68	640

°F	0	1	2	3	4	5	6	7	8	9	10	°F

TABLE 32 100Ω *Platinum RTD* — *0.00392 coefficient*
temperature in °F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
						Resistance in Ohms						
650	229.68	229.88	230.08	230.28	230.48	230.68	230.88	231.07	231.27	231.47	231.67	650
660	231.67	231.87	232.07	232.26	232.46	232.66	232.86	233.06	233.25	233.45	233.65	660
670	233.65	233.85	234.05	234.24	234.44	234.64	234.84	235.03	235.23	235.43	235.63	670
680	235.63	235.82	236.02	236.22	236.42	236.61	236.81	237.01	237.21	237.40	237.60	680
690	237.60	237.80	238.00	238.19	238.39	238.59	238.78	238.98	239.18	239.37	239.57	690
700	239.57	239.77	239.96	240.16	240.36	240.55	240.75	240.95	241.14	241.34	241.54	700
710	241.54	241.73	241.93	242.13	242.32	242.52	242.72	242.91	243.11	243.30	243.50	710
720	243.50	243.70	243.89	244.09	244.28	244.48	244.68	244.87	245.07	245.26	245.46	720
730	245.46	245.66	245.85	246.05	246.24	246.44	246.63	246.83	247.02	247.22	247.42	730
740	247.42	247.61	247.81	248.00	248.20	248.39	248.59	248.78	248.98	249.17	249.37	740
750	249.37	249.56	249.76	249.95	250.15	250.34	250.54	250.73	250.93	251.12	251.32	750
760	251.32	251.51	251.71	251.90	252.09	252.29	252.48	252.68	252.87	253.07	253.26	760
770	253.26	253.46	253.65	253.84	254.04	254.23	254.43	254.62	254.81	255.01	255.20	770
780	255.20	255.40	255.59	255.78	255.98	256.17	256.37	256.56	256.75	256.95	257.14	780
790	257.14	257.33	257.53	257.72	257.91	258.11	258.30	258.49	258.69	258.88	259.07	790
800	259.07	259.27	259.46	259.65	259.85	260.04	260.23	260.43	260.62	260.81	261.00	800
810	261.00	261.20	261.39	261.58	261.78	261.97	262.16	262.35	262.55	262.74	262.93	810
820	262.93	263.12	263.32	263.51	263.70	263.89	264.09	264.28	264.47	264.66	264.85	820
830	264.85	265.05	265.24	265.43	265.62	265.81	266.01	266.20	266.39	266.58	266.77	830
840	266.77	266.97	267.16	267.35	267.54	267.73	267.92	268.12	268.31	268.50	268.69	840
850	268.69	268.88	269.07	269.26	269.45	269.65	269.84	270.03	270.22	270.41	270.60	850
860	270.60	270.79	270.98	271.17	271.37	271.56	271.75	271.94	272.13	272.32	272.51	860
870	272.51	272.70	272.89	273.08	273.27	273.46	273.65	273.84	274.03	274.23	274.42	870
880	274.42	274.61	274.80	274.99	275.18	275.37	275.56	275.75	275.94	276.13	276.32	880
890	276.32	276.51	276.70	276.89	277.08	277.27	277.46	277.65	277.84	278.02	278.21	890
900	278.21	278.40	278.59	278.78	278.97	279.16	279.35	279.54	279.73	279.92	280.11	900
910	280.11	280.30	280.49	280.68	280.87	281.05	281.24	281.43	281.62	281.81	282.00	910
920	282.00	282.19	282.38	282.57	282.75	282.94	283.13	283.32	283.51	283.70	283.89	920
930	283.89	284.07	284.26	284.45	284.64	284.83	285.02	285.20	285.39	285.58	285.77	930
940	285.77	285.96	286.15	286.33	286.52	286.71	286.90	287.09	287.27	287.46	287.65	940
950	287.65	287.84	288.02	288.21	288.40	288.59	288.77	288.96	289.15	289.34	289.52	950
960	289.52	289.71	289.90	290.09	290.27	290.46	290.65	290.84	291.02	291.21	291.40	960
970	291.40	291.58	291.77	291.96	292.15	292.33	292.52	292.71	292.89	293.08	293.27	970
980	293.27	293.45	293.64	293.83	294.01	294.20	294.39	294.57	294.76	294.94	295.13	980
990	295.13	295.32	295.50	295.69	295.88	296.06	296.25	296.43	296.62	296.81	296.99	990
1000	296.99	297.18	297.36	297.55	297.74	297.92	298.11	298.29	298.48	298.67	298.85	1000
1010	298.85	299.04	299.22	299.41	299.59	299.78	299.96	300.15	300.33	300.52	300.70	1010
1020	300.70	300.89	301.08	301.26	301.45	301.63	301.82	302.00	302.19	302.37	302.56	1020
1030	302.56	302.74	302.93	303.11	303.29	303.48	303.66	303.85	304.03	304.22	304.40	1030
1040	304.40	304.59	304.77	304.96	305.14	305.32	305.51	305.69	305.88	306.06	306.25	1040
1050	306.25	306.43	306.61	306.80	306.98	307.17	307.35	307.53	307.72	307.90	308.09	1050
1060	308.09	308.27	308.45	308.64	308.82	309.00	309.19	309.37	309.56	309.74	309.92	1060
1070	309.92	310.11	310.29	310.47	310.66	310.84	311.02	311.21	311.39	311.57	311.75	1070
1080	311.75	311.94	312.12	312.30	312.49	312.67	312.85	313.04	313.22	313.40	313.58	1080
1090	313.58	313.77	313.95	314.13	314.31	314.50	314.68	314.86	315.04	315.23	315.41	1090
1100	315.41	315.59	315.77	315.96	316.14	316.32	316.50	316.68	316.87	317.05	317.23	1100
1110	317.23	317.41	317.59	317.78	317.96	318.14	318.32	318.50	318.69	318.87	319.05	1110
1120	319.05	319.23	319.41	319.59	319.77	319.96	320.14	320.32	320.50	320.68	320.86	1120
1130	320.86	321.04	321.23	321.41	321.59	321.77	321.95	322.13	322.31	322.49	322.67	1130
1140	322.67	322.85	323.04	323.22	323.40	323.58	323.76	323.94	324.12	324.30	324.48	1140

°F	0	1	2	3	4	5	6	7	8	9	10	°F

TABLE 32 ***100 Ω Platinum RTD*** **—** *0.00392 coefficient*
temperature in °F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
						Resistance in Ohms						
1150	324.48	324.66	324.84	325.02	325.20	325.38	325.56	325.74	325.92	326.10	326.28	1150
1160	326.28	326.46	326.64	326.82	327.00	327.18	327.36	327.54	327.72	327.90	328.08	1160
1170	328.08	328.26	328.44	328.62	328.80	328.98	329.16	329.34	329.52	329.70	329.88	1170
1180	329.88	330.06	330.24	330.42	330.60	330.78	330.96	331.14	331.32	331.49	331.67	1180
1190	331.67	331.85	332.03	332.21	332.39	332.57	332.75	332.93	333.10	333.28	333.46	1190
1200	333.46	333.64	333.82	334.00	334.18	334.36	334.53	334.71	334.89	335.07	335.25	1200
1210	335.25	335.43	335.60	335.78	335.96	336.14	336.32	336.50	336.67	336.85	337.03	1210
1220	337.03											1220

°F	0	1	2	3	4	5	6	7	8	9	10	°F