



RS-20 (R480A)

Pressure/Temperature Comparison

Values shown: "PSIG" / *Denotes "HG" (Mercury)



TEMPERATURE		RS-20 Bubble/Liquid Pressure psig	RS-20 Dew/Vapor Pressure psig	R134A Pressure psig
°F	°C	PSIG	PSIG	PSIG
-40	-40.0	4.4	-8.7 *	-14.8 *
-39	-39.4	4.8	-8.5 *	-14.4 *
-38	-38.9	5.2	-8.3 *	-13.9 *
-37	-38.3	5.7	-8.1 *	-13.4 *
-36	-37.8	6.1	-7.9 *	-13 *
-35	-37.2	6.6	-7.7 *	-12.5 *
-34	-36.7	7.0	-7.5 *	-12 *
-33	-36.1	7.5	-7.3 *	-11.4 *
-32	-35.6	8.0	-7.1 *	-10.9 *
-31	-35.0	8.4	-6.9 *	-10.4 *
-30	-34.4	8.9	-6.7 *	-9.8 *
-29	-33.9	9.4	-6.4 *	-9.3 *
-28	-33.3	9.9	-6.2 *	-8.7 *
-27	-32.8	10.4	-6.0 *	-8.1 *
-26	-32.2	11.0	-5.7 *	-7.5 *
-25	-31.7	11.5	-5.5 *	-6.9 *
-24	-31.1	12.0	-5.2 *	-6.3 *
-23	-30.6	12.6	-4.9 *	-5.7 *
-22	-30.0	13.1	-4.7 *	-5 *
-21	-29.4	13.7	-4.4 *	-4.3 *
-20	-28.9	14.2	-4.1 *	-3.7 *
-19	-28.3	14.8	-3.9 *	-3 *
-18	-27.8	15.4	-3.6 *	-2.3 *
-17	-27.2	16.0	-3.3 *	-1.5 *
-16	-26.7	16.6	-3.0 *	-0.8 *
-15	-26.1	17.2	-2.7 *	0.1
-14	-25.6	17.8	-2.3 *	0.4
-13	-25.0	18.5	-2.0 *	0.7
-12	-24.4	19.1	-1.7 *	1.1
-11	-23.9	19.8	-1.4 *	1.5

TEMPERATURE		RS-20 Bubble/Liquid Pressure psig	RS-20 Dew/Vapor Pressure psig	R134A Pressure psig
°F	°C	PSIG	PSIG	PSIG
-10	-23.3	20.4	-1.0 *	1.9
-9	-22.8	21.1	-0.7 *	2.4
-8	-22.2	21.8	-0.3 *	2.8
-7	-21.7	22.5	-0.0 *	3.2
-6	-21.1	23.1	0.3	3.6
-5	-20.6	23.9	0.7	4.1
-4	-20.0	24.6	1.1	4.6
-3	-19.4	25.3	1.5	5
-2	-18.9	26.0	1.9	5.5
-1	-18.3	26.8	2.3	6
0	-17.8	27.5	2.7	6.5
1	-17.2	28.3	3.1	7
2	-16.7	29.1	3.5	7.5
3	-16.1	29.9	4.0	8
4	-15.6	30.7	4.4	8.5
5	-15.0	31.5	4.9	9.1
6	-14.4	32.3	5.3	9.6
7	-13.9	33.1	5.8	10.2
8	-13.3	34.0	6.3	10.8
9	-12.8	34.8	6.8	11.3
10	-12.2	35.7	7.3	11.9
11	-11.7	36.6	7.8	12.5
12	-11.1	37.5	8.3	13.1
13	-10.6	38.3	8.8	13.8
14	-10.0	39.3	9.4	14.4
15	-9.4	40.2	9.9	15
16	-8.9	41.1	10.5	15.7
17	-8.3	42.1	11.0	16.4
18	-7.8	43.0	11.6	17

RS-20 (R480A) Pressure/Temperature Comparison

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TEMPERATURE		RS-20 Bubble/Liquid Pressure psig	RS-20 Dew/Vapor Pressure psig	R134A Pressure psig
°F	°C	PSIG	PSIG	PSIG
19	-7.2	44.0	12.2	17.7
20	-6.7	45.0	12.8	18.4
21	-6.1	46.0	13.4	19.1
22	-5.6	47.0	14.0	19.9
23	-5.0	48.0	14.6	20.6
24	-4.4	49.0	15.2	21.3
25	-3.9	50.0	15.9	22.1
26	-3.3	51.1	16.5	22.9
27	-2.8	52.2	17.2	23.7
28	-2.2	53.2	17.9	24.5
29	-1.7	54.3	18.6	25.3
30	-1.1	55.4	19.3	26.1
31	-0.6	56.6	20.0	26.9
32	0.0	57.7	20.7	27.8
33	0.6	58.8	21.4	28.6
34	1.1	60.0	22.2	29.5
35	1.7	61.2	22.9	30.4
36	2.2	62.4	23.7	31.3
37	2.8	63.6	24.5	32.2
38	3.3	64.8	25.3	33.1
39	3.9	66.0	26.1	34.1
40	4.4	67.2	26.9	35
41	5.0	68.5	27.7	36
42	5.6	69.8	28.6	37
43	6.1	71.0	29.4	38
44	6.7	72.3	30.3	39
45	7.2	73.6	31.2	40.1
46	7.8	75.0	32.1	41.1
47	8.3	76.3	33.0	42.2

TEMPERATURE		RS-20 Bubble/Liquid Pressure psig	RS-20 Dew/Vapor Pressure psig	R134A Pressure psig
°F	°C	PSIG	PSIG	PSIG
48	8.9	77.7	33.9	43.2
49	9.4	79.0	34.8	44.3
50	10.0	80.4	35.8	45.4
51	10.6	81.8	36.7	46.6
52	11.1	83.2	37.7	47.7
53	11.7	84.7	38.7	48.9
54	12.2	86.1	39.7	50
55	12.8	87.6	40.7	51.2
56	13.3	89.0	41.8	52.4
57	13.9	90.5	42.8	53.6
58	14.4	92.0	43.9	54.9
59	15.0	93.6	45.0	56.1
60	15.6	95.1	46.0	57.4
61	16.1	96.7	47.2	58.7
62	16.7	98.2	48.3	60
63	17.2	99.8	49.4	61.3
64	17.8	101.4	50.6	62.7
65	18.3	103.0	51.8	64
66	18.9	104.7	52.9	65.4
67	19.4	106.3	54.1	66.8
68	20.0	108.0	55.4	68.2
69	20.6	109.7	56.6	69.7
70	21.1	111.4	57.9	71.1
71	21.7	113.1	59.1	72.6
72	22.2	114.8	60.4	74.1
73	22.8	116.6	61.7	75.6
74	23.3	118.4	63.0	77.1
75	23.9	120.1	64.4	78.7
76	24.4	121.9	65.7	80.2

TEMPERATURE		RS-20 Bubble/Liquid Pressure psig	RS-20 Dew/Vapor Pressure psig	R134A Pressure psig
°F	°C	PSIG	PSIG	PSIG
77	25.0	123.8	67.1	81.8
78	25.6	125.6	68.5	83.4
79	26.1	127.5	69.9	85
80	26.7	129.3	71.4	86.7
81	27.2	131.2	72.8	88.4
82	27.8	133.1	74.3	90
83	28.3	135.1	75.8	91.8
84	28.9	137.0	77.3	93.5
85	29.4	139.0	78.8	95.2
86	30.0	141.0	80.3	97
87	30.6	143.0	81.9	98.8
88	31.1	145.0	83.5	100.6
89	31.7	147.0	85.1	102.5
90	32.2	149.1	86.7	104.3
91	32.8	151.2	88.3	106.2
92	33.3	153.3	90.0	108.1
93	33.9	155.4	91.7	110
94	34.4	157.5	93.4	112
95	35.0	159.7	95.1	114
96	35.6	161.8	96.8	115.9
97	36.1	164.0	98.6	118
98	36.7	166.2	100.4	120
99	37.2	168.5	102.2	122.1
100	37.8	170.7	104.0	124.2
101	38.3	173.0	105.9	126.3
102	38.9	175.3	107.7	128.4
103	39.4	177.6	109.6	130.6
104	40.0	179.9	111.6	132.8
105	40.6	182.3	113.5	135

TEMPERATURE		RS-20 Bubble/Liquid Pressure psig	RS-20 Dew/Vapor Pressure psig	R134A Pressure psig
°F	°C	PSIG	PSIG	PSIG
106	41.1	184.6	115.5	137.2
107	41.7	187.0	117.4	139.5
108	42.2	189.4	119.4	141.7
109	42.8	191.9	121.5	144
110	43.3	194.3	123.5	146.4
111	43.9	196.8	125.6	148.7
112	44.4	199.3	127.7	151.1
113	45.0	201.8	129.8	153.5
114	45.6	204.3	132.0	156
115	46.1	206.9	134.2	158.4
116	46.7	209.5	136.4	160.9
117	47.2	212.1	138.6	163.5
118	47.8	214.7	140.8	166
119	48.3	217.3	143.1	168.6
120	48.9	220.0	145.4	171.2
121	49.4	222.7	147.7	173.8
122	50.0	225.4	150.1	176.5
123	50.6	228.1	152.5	179.1
124	51.1	230.9	154.9	181.8
125	51.7	233.7	157.3	184.6
126	52.2	236.5	159.7	187.4
127	52.8	239.3	162.2	190.2
128	53.3	242.1	164.7	193
129	53.9	245.0	167.3	195.8
130	54.4	247.9	169.8	198.7
131	55.0	250.8	172.4	201.6
132	55.6	253.7	175.0	204.6
133	56.1	256.7	177.7	207.6
134	56.7	259.7	180.4	210.6

TEMPERATURE		RS-20 Bubble/Liquid Pressure psig	RS-20 Dew/Vapor Pressure psig	R134A Pressure psig
°F	°C	PSIG	PSIG	PSIG
135	57.2	262.7	183.1	213.6
136	57.8	265.7	185.8	216.7
137	58.3	268.7	188.6	219.8
138	58.9	271.8	191.4	222.9
139	59.4	274.9	194.2	226
140	60.0	278.0	197.0	229.2
141	60.6	281.2	199.9	232.5
142	61.1	284.3	202.8	235.7
143	61.7	287.5	205.8	239
144	62.2	290.8	208.8	242.3
145	62.8	294.0	211.8	245.7
146	63.3	297.3	214.8	249.1
147	63.9	300.5	217.9	252.5
148	64.4	303.9	221.0	255.9
149	65.0	307.2	224.1	259.4
150	65.6	310.6	227.3	262.9