



RS-100 (R464A) PRESSURE & TEMPERATURE TABLE : ABSOLUTE

TEMPERATURE (°C)	BUBBLE PRESSURE (LIQUID)	DEW PRESSURE (VAPOUR)	BUBBLE PRESSURE (LIQUID)	DEW PRESSURE (VAPOUR)	BUBBLE PRESSURE (LIQUID)	DEW PRESSURE (VAPOUR)
	(kPa)	(kPa)	(bara)	(bara)	(psia)	(psia)
-60	50.36	27.65	0.50	0.28	7.30	4.01
-59	53.23	29.46	0.53	0.29	7.72	4.27
-58	56.23	31.36	0.56	0.31	8.15	4.55
-57	59.36	33.37	0.59	0.33	8.61	4.84
-56	62.63	35.47	0.63	0.35	9.08	5.14
-55	66.04	37.69	0.66	0.38	9.58	5.46
-54	69.60	40.01	0.70	0.40	10.09	5.80
-53	73.31	42.45	0.73	0.42	10.63	6.16
-52	77.18	45.01	0.77	0.45	11.19	6.53
-51	81.21	47.69	0.81	0.48	11.78	6.91
-50	85.40	50.50	0.85	0.50	12.38	7.32
-49	89.76	53.44	0.90	0.53	13.02	7.75
-48	94.30	56.51	0.94	0.57	13.67	8.19
-47	99.02	59.72	0.99	0.60	14.36	8.66
-46	103.92	63.08	1.04	0.63	15.07	9.15
-45	109.01	66.59	1.09	0.67	15.81	9.66
-44	114.29	70.25	1.14	0.70	16.57	10.19
-43	119.78	74.08	1.20	0.74	17.37	10.74
-42	125.46	78.06	1.25	0.78	18.19	11.32
-41	131.36	82.21	1.31	0.82	19.05	11.92
-40	137.48	86.54	1.37	0.87	19.93	12.55
-39	143.81	91.05	1.44	0.91	20.85	13.20
-38	150.37	95.74	1.50	0.96	21.80	13.88
-37	157.17	100.62	1.57	1.01	22.79	14.59
-36	164.20	105.69	1.64	1.06	23.81	15.33
-35	171.47	110.96	1.71	1.11	24.86	16.09
-34	178.99	116.44	1.79	1.16	25.95	16.88
-33	186.76	122.13	1.87	1.22	27.08	17.71
-32	194.80	128.04	1.95	1.28	28.25	18.57
-31	203.09	134.17	2.03	1.34	29.45	19.45
-30	211.66	140.52	2.12	1.41	30.69	20.38
-29	220.51	147.11	2.21	1.47	31.97	21.33
-28	229.64	153.94	2.30	1.54	33.30	22.32
-27	239.06	161.01	2.39	1.61	34.66	23.35
-26	248.77	168.34	2.49	1.68	36.07	24.41
-25	258.78	175.92	2.59	1.76	37.52	25.51
-24	269.11	183.77	2.69	1.84	39.02	26.65
-23	279.74	191.89	2.80	1.92	40.56	27.82
-22	290.69	200.28	2.91	2.00	42.15	29.04
-21	301.97	208.96	3.02	2.09	43.79	30.30
-20	313.58	217.92	3.14	2.18	45.47	31.60
-19	325.53	227.18	3.26	2.27	47.20	32.94
-18	337.82	236.75	3.38	2.37	48.98	34.33
-17	350.46	246.62	3.50	2.47	50.82	35.76
-16	363.47	256.80	3.63	2.57	52.70	37.24
-15	376.83	267.31	3.77	2.67	54.64	38.76
-14	390.56	278.15	3.91	2.78	56.63	40.33
-13	404.67	289.33	4.05	2.89	58.68	41.95
-12	419.17	300.85	4.19	3.01	60.78	43.62
-11	434.05	312.71	4.34	3.13	62.94	45.34
-10	449.33	324.94	4.49	3.25	65.15	47.12
-9	465.02	337.53	4.65	3.38	67.43	48.94
-8	481.11	350.49	4.81	3.50	69.76	50.82
-7	497.62	363.83	4.98	3.64	72.15	52.76
-6	514.56	377.56	5.15	3.78	74.61	54.75
-5	531.92	391.68	5.32	3.92	77.13	56.79
-4	549.72	406.20	5.50	4.06	79.71	58.90
-3	567.97	421.13	5.68	4.21	82.36	61.06
-2	586.66	436.48	5.87	4.36	85.07	63.29
-1	605.82	452.25	6.06	4.52	87.84	65.58
0	625.44	468.46	6.25	4.68	90.69	67.93
1	645.53	485.10	6.46	4.85	93.60	70.34
2	666.10	502.19	6.66	5.02	96.58	72.82
3	687.15	519.74	6.87	5.20	99.64	75.36
4	708.70	537.76	7.09	5.38	102.76	77.98
5	730.75	556.25	7.31	5.56	105.96	80.66
6	753.31	575.21	7.53	5.75	109.23	83.41
7	776.38	594.67	7.76	5.95	112.58	86.23
8	799.97	614.63	8.00	6.15	116.00	89.12
9	824.09	635.09	8.24	6.35	119.49	92.09
10	848.75	656.07	8.49	6.56	123.07	95.13
11	873.95	677.57	8.74	6.78	126.72	98.25
12	899.71	699.60	9.00	7.00	130.46	101.44
13	926.02	722.18	9.26	7.22	134.27	104.72
14	952.89	745.30	9.53	7.45	138.17	108.07
15	980.34	768.99	9.80	7.69	142.15	111.50
16	1008.40	793.24	10.08	7.93	146.22	115.02
17	1037.00	818.08	10.37	8.18	150.37	118.62
18	1066.20	843.50	10.66	8.44	154.60	122.31



RS-100 (R464A) PRESSURE & TEMPERATURE TABLE : ABSOLUTE

TEMPERATURE (oC)	BUBBLE PRESSURE (LIQUID)	DEW PRESSURE (VAPOUR)	BUBBLE PRESSURE (LIQUID)	DEW PRESSURE (VAPOUR)	BUBBLE PRESSURE (LIQUID)	DEW PRESSURE (VAPOUR)
	(kPa)	(kPa)	(bara)	(bara)	(psia)	(psia)
19	1096.00	869.52	10.96	8.70	158.92	126.08
20	1126.40	896.14	11.26	8.96	163.33	129.94
21	1157.50	923.39	11.58	9.23	167.84	133.89
22	1189.20	951.26	11.89	9.51	172.43	137.93
23	1221.50	979.76	12.22	9.80	177.12	142.07
24	1254.40	1008.90	12.54	10.09	181.89	146.29
25	1288.00	1038.70	12.88	10.39	186.76	150.61
26	1322.30	1069.20	13.22	10.69	191.73	155.03
27	1357.20	1100.40	13.57	11.00	196.79	159.56
28	1392.80	1132.20	13.93	11.32	201.96	164.17
29	1429.00	1164.70	14.29	11.65	207.21	168.88
30	1466.00	1198.00	14.66	11.98	212.57	173.71
31	1503.60	1232.00	15.04	12.32	218.02	178.64
32	1542.00	1266.70	15.42	12.67	223.59	183.67
33	1581.00	1302.10	15.81	13.02	229.25	188.80
34	1620.80	1338.40	16.21	13.38	235.02	194.07
35	1661.30	1375.30	16.61	13.75	240.89	199.42
36	1702.60	1413.10	17.03	14.13	246.88	204.90
37	1744.60	1451.70	17.45	14.52	252.97	210.50
38	1787.30	1491.00	17.87	14.91	259.16	216.20
39	1830.80	1531.20	18.31	15.31	265.47	222.02
40	1875.00	1572.20	18.75	15.72	271.88	227.97
41	1920.10	1614.10	19.20	16.14	278.41	234.04
42	1965.90	1656.80	19.66	16.57	285.06	240.24
43	2012.50	1700.40	20.13	17.00	291.81	246.56
44	2059.90	1744.80	20.60	17.45	298.69	253.00
45	2108.10	1790.20	21.08	17.90	305.67	259.58
46	2157.20	1836.50	21.57	18.37	312.79	266.29
47	2207.00	1883.70	22.07	18.84	320.02	273.14
48	2257.70	1931.90	22.58	19.32	327.37	280.13
49	2309.30	1981.10	23.09	19.81	334.85	287.26
50	2361.60	2031.20	23.62	20.31	342.43	294.52
51	2414.90	2082.30	24.15	20.82	350.16	301.93
52	2469.00	2134.50	24.69	21.35	358.01	309.50
53	2524.00	2187.60	25.24	21.88	365.98	317.20
54	2579.80	2241.90	25.80	22.42	374.07	325.08
55	2636.60	2297.20	26.37	22.97	382.31	333.09
56	2694.20	2353.60	26.94	23.54	390.66	341.27
57	2752.80	2411.20	27.53	24.11	399.16	349.62
58	2812.20	2469.80	28.12	24.70	407.77	358.12
59	2872.60	2529.70	28.73	25.30	416.53	366.81
60	2933.90	2590.80	29.34	25.91	425.42	375.67
61	2996.20	2653.00	29.96	26.53	434.45	384.69
62	3059.40	2716.60	30.59	27.17	443.61	393.91
63	3123.50	2781.40	31.24	27.81	452.91	403.30
64	3188.60	2847.60	31.89	28.48	462.35	412.90
65	3254.60	2915.10	32.55	29.15	471.92	422.69
66	3321.60	2984.00	33.22	29.84	481.63	432.68
67	3389.60	3054.30	33.90	30.54	491.49	442.87
68	3458.50	3126.20	34.59	31.26	501.48	453.30
69	3528.40	3199.60	35.28	32.00	511.62	463.94
70	3599.20	3274.60	35.99	32.75	521.88	474.82
71	3670.90	3351.20	36.71	33.51	532.28	485.92
72	3743.60	3429.70	37.44	34.30	542.82	497.31
73	3817.10	3509.90	38.17	35.10	553.48	508.94
74	3891.50	3592.20	38.92	35.92	564.27	520.87
75	3966.60	3676.50	39.67	36.77	575.16	533.09
76	4042.40	3763.20	40.42	37.63	586.15	545.66
77	4118.80	3852.30	41.19	38.52	597.23	558.58
78	4195.40	3944.20	41.95	39.44	608.33	571.91
79	4271.90	4039.40	42.72	40.39	619.43	585.71
80	4347.40	4138.70	43.47	41.39	630.37	600.11



RS-100 (R464A) PRESSURE & TEMPERATURE TABLE : ABSOLUTE

TEMPERATURE	BUBBLE PRESSURE (LIQUID)	DEW PRESSURE (VAPOUR)	BUBBLE PRESSURE (LIQUID)	DEW PRESSURE (VAPOUR)	BUBBLE PRESSURE (LIQUID)	DEW PRESSURE (VAPOUR)
(oC)	(kPa)	(kPa)	(bara)	(bara)	(psia)	(psia)
-60	-49.64	-72.35	-0.50	-0.72	-7.40	-10.69
-59	-46.77	-70.54	-0.47	-0.71	-6.98	-10.43
-58	-43.77	-68.64	-0.44	-0.69	-6.55	-10.15
-57	-40.64	-66.63	-0.41	-0.67	-6.09	-9.86
-56	-37.37	-64.53	-0.37	-0.65	-5.62	-9.56
-55	-33.96	-62.31	-0.34	-0.62	-5.12	-9.24
-54	-30.40	-59.99	-0.30	-0.60	-4.61	-8.90
-53	-26.69	-57.55	-0.27	-0.58	-4.07	-8.54
-52	-22.82	-54.99	-0.23	-0.55	-3.51	-8.17
-51	-18.79	-52.31	-0.19	-0.52	-2.92	-7.79
-50	-14.60	-49.50	-0.15	-0.50	-2.32	-7.38
-49	-10.24	-46.57	-0.10	-0.47	-1.68	-6.95
-48	-5.70	-43.49	-0.06	-0.43	-1.03	-6.51
-47	-0.98	-40.28	-0.01	-0.40	-0.34	-6.04
-46	3.92	-36.92	0.04	-0.37	0.37	-5.55
-45	9.01	-33.41	0.09	-0.33	1.11	-5.04
-44	14.29	-29.75	0.14	-0.30	1.87	-4.51
-43	19.78	-25.93	0.20	-0.26	2.67	-3.96
-42	25.46	-21.94	0.25	-0.22	3.49	-3.38
-41	31.36	-17.79	0.31	-0.18	4.35	-2.78
-40	37.48	-13.46	0.37	-0.13	5.23	-2.15
-39	43.81	-8.95	0.44	-0.09	6.15	-1.50
-38	50.37	-4.26	0.50	-0.04	7.10	-0.82
-37	57.17	0.62	0.57	0.01	8.09	-0.11
-36	64.20	5.69	0.64	0.06	9.11	0.63
-35	71.47	10.96	0.71	0.11	10.16	1.39
-34	78.99	16.44	0.79	0.16	11.25	2.18
-33	86.76	22.13	0.87	0.22	12.38	3.01
-32	94.80	28.04	0.95	0.28	13.55	3.87
-31	103.09	34.17	1.03	0.34	14.75	4.75
-30	111.66	40.52	1.12	0.41	15.99	5.68
-29	120.51	47.11	1.21	0.47	17.27	6.63
-28	129.64	53.94	1.30	0.54	18.60	7.62
-27	139.06	61.01	1.39	0.61	19.96	8.65
-26	148.77	68.34	1.49	0.68	21.37	9.71
-25	158.78	75.92	1.59	0.76	22.82	10.81
-24	169.11	83.77	1.69	0.84	24.32	11.95
-23	179.74	91.89	1.80	0.92	25.86	13.12
-22	190.69	100.28	1.91	1.00	27.45	14.34
-21	201.97	108.96	2.02	1.09	29.09	15.60
-20	213.58	117.92	2.14	1.18	30.77	16.90
-19	225.53	127.18	2.26	1.27	32.50	18.24
-18	237.82	136.75	2.38	1.37	34.28	19.63
-17	250.46	146.62	2.50	1.47	36.12	21.06
-16	263.47	156.80	2.63	1.57	38.00	22.54
-15	276.83	167.31	2.77	1.67	39.94	24.06
-14	290.56	178.15	2.91	1.78	41.93	25.63
-13	304.67	189.33	3.05	1.89	43.98	27.25
-12	319.17	200.85	3.19	2.01	46.08	28.92
-11	334.05	212.71	3.34	2.13	48.24	30.64
-10	349.33	224.94	3.49	2.25	50.45	32.42
-9	365.02	237.53	3.65	2.38	52.73	34.24
-8	381.11	250.49	3.81	2.50	55.06	36.12
-7	397.62	263.83	3.98	2.64	57.45	38.06
-6	414.56	277.56	4.15	2.78	59.91	40.05
-5	431.92	291.68	4.32	2.92	62.43	42.09
-4	449.72	306.20	4.50	3.06	65.01	44.20
-3	467.97	321.13	4.68	3.21	67.66	46.36
-2	486.66	336.48	4.87	3.36	70.37	48.59
-1	505.82	352.25	5.06	3.52	73.14	50.88
0	525.44	368.46	5.25	3.68	75.99	53.23
1	545.53	385.10	5.46	3.85	78.90	55.64
2	566.10	402.19	5.66	4.02	81.88	58.12
3	587.15	419.74	5.87	4.20	84.94	60.66
4	608.70	437.76	6.09	4.38	88.06	63.28
5	630.75	456.25	6.31	4.56	91.26	65.96
6	653.31	475.21	6.53	4.75	94.53	68.71
7	676.38	494.67	6.76	4.95	97.88	71.53
8	699.97	514.63	7.00	5.15	101.30	74.42
9	724.09	535.09	7.24	5.35	104.79	77.39
10	748.75	556.07	7.49	5.56	108.37	80.43
11	773.95	577.57	7.74	5.78	112.02	83.55
12	799.71	599.60	8.00	6.00	115.76	86.74
13	826.02	622.18	8.26	6.22	119.57	90.02
14	852.89	645.30	8.53	6.45	123.47	93.37
15	880.34	668.99	8.80	6.69	127.45	96.80
16	908.40	693.24	9.08	6.93	131.52	100.32
17	937.00	718.08	9.37	7.18	135.67	103.92
18	966.20	743.50	9.66	7.44	139.90	107.61

RS-100 (R464A) PRESSURE & TEMPERATURE TABLE : GAUGE



TEMPERATURE	BUBBLE PRESSURE (LIQUID)	DEW PRESSURE (VAPOUR)	BUBBLE PRESSURE (LIQUID)	DEW PRESSURE (VAPOUR)	BUBBLE PRESSURE (LIQUID)	DEW PRESSURE (VAPOUR)
(oC)	(kPag)	(kPag)	(barg)	(barg)	(psig)	(psig)
19	996.00	769.52	9.96	7.70	144.22	111.38
20	1026.40	796.14	10.26	7.96	148.63	115.24
21	1057.50	823.39	10.58	8.23	153.14	119.19
22	1089.20	851.26	10.89	8.51	157.73	123.23
23	1121.50	879.76	11.22	8.80	162.42	127.37
24	1154.40	908.90	11.54	9.09	167.19	131.59
25	1188.00	938.70	11.88	9.39	172.06	135.91
26	1222.30	969.20	12.22	9.69	177.03	140.33
27	1257.20	1000.40	12.57	10.00	182.09	144.86
28	1292.80	1032.20	12.93	10.32	187.26	149.47
29	1329.00	1064.70	13.29	10.65	192.51	154.18
30	1366.00	1098.00	13.66	10.98	197.87	159.01
31	1403.60	1132.00	14.04	11.32	203.32	163.94
32	1442.00	1166.70	14.42	11.67	208.89	168.97
33	1481.00	1202.10	14.81	12.02	214.55	174.10
34	1520.80	1238.40	15.21	12.38	220.32	179.37
35	1561.30	1275.30	15.61	12.75	226.19	184.72
36	1602.60	1313.10	16.03	13.13	232.18	190.20
37	1644.60	1351.70	16.45	13.52	238.27	195.80
38	1687.30	1391.00	16.87	13.91	244.46	201.50
39	1730.80	1431.20	17.31	14.31	250.77	207.32
40	1775.00	1472.20	17.75	14.72	257.18	213.27
41	1820.10	1514.10	18.20	15.14	263.71	219.34
42	1865.90	1556.80	18.66	15.57	270.36	225.54
43	1912.50	1600.40	19.13	16.00	277.11	231.86
44	1959.90	1644.80	19.60	16.45	283.99	238.30
45	2008.10	1690.20	20.08	16.90	290.97	244.88
46	2057.20	1736.50	20.57	17.37	298.09	251.59
47	2107.00	1783.70	21.07	17.84	305.32	258.44
48	2157.70	1831.90	21.58	18.32	312.67	265.43
49	2209.30	1881.10	22.09	18.81	320.15	272.56
50	2261.60	1931.20	22.62	19.31	327.73	279.82
51	2314.90	1982.30	23.15	19.82	335.46	287.23
52	2369.00	2034.50	23.69	20.35	343.31	294.80
53	2424.00	2087.60	24.24	20.88	351.28	302.50
54	2479.80	2141.90	24.80	21.42	359.37	310.38
55	2536.60	2197.20	25.37	21.97	367.61	318.39
56	2594.20	2253.60	25.94	22.54	375.96	326.57
57	2652.80	2311.20	26.53	23.11	384.46	334.92
58	2712.20	2369.80	27.12	23.70	393.07	343.42
59	2772.60	2429.70	27.73	24.30	401.83	352.11
60	2833.90	2490.80	28.34	24.91	410.72	360.97
61	2896.20	2553.00	28.96	25.53	419.75	369.99
62	2959.40	2616.60	29.59	26.17	428.91	379.21
63	3023.50	2681.40	30.24	26.81	438.21	388.60
64	3088.60	2747.60	30.89	27.48	447.65	398.20
65	3154.60	2815.10	31.55	28.15	457.22	407.99
66	3221.60	2884.00	32.22	28.84	466.93	417.98
67	3289.60	2954.30	32.90	29.54	476.79	428.17
68	3358.50	3026.20	33.59	30.26	486.78	438.60
69	3428.40	3099.60	34.28	31.00	496.92	449.24
70	3499.20	3174.60	34.99	31.75	507.18	460.12
71	3570.90	3251.20	35.71	32.51	517.58	471.22
72	3643.60	3329.70	36.44	33.30	528.12	482.61
73	3717.10	3409.90	37.17	34.10	538.78	494.24
74	3791.50	3492.20	37.92	34.92	549.57	506.17
75	3866.60	3576.50	38.67	35.77	560.46	518.39
76	3942.40	3663.20	39.42	36.63	571.45	530.96
77	4018.80	3752.30	40.19	37.52	582.53	543.88
78	4095.40	3844.20	40.95	38.44	593.63	557.21
79	4171.90	3939.40	41.72	39.39	604.73	571.01
80	4247.40	4038.70	42.47	40.39	615.67	585.41