



**RS-25 PRESSURE & TEMPERATURE TABLE : ABSOLUTE**

TEMPERATURE	BUBBLE	DEW	BUBBLE	DEW	BUBBLE	DEW
	PRESSURE (LIQUID)	PRESSURE (VAPOUR)	PRESSURE (LIQUID)	PRESSURE (VAPOUR)	PRESSURE (LIQUID)	PRESSURE (VAPOUR)
(oC)	(kPa)	(kPa)	(bara)	(bara)	(psia)	(psia)
-50	32.70	29.10	0.33	0.29	4.74	4.22
-48	36.60	32.60	0.37	0.33	5.31	4.73
-46	40.80	36.50	0.41	0.37	5.92	5.29
-44	45.40	40.70	0.45	0.41	6.58	5.90
-42	50.40	45.30	0.50	0.45	7.31	6.57
-40	55.80	50.30	0.56	0.50	8.09	7.29
-38	61.70	55.80	0.62	0.56	8.95	8.09
-36	68.10	61.70	0.68	0.62	9.87	8.95
-34	75.00	68.20	0.75	0.68	10.88	9.89
-32	82.40	75.00	0.82	0.75	11.95	10.88
-30	90.40	82.50	0.90	0.83	13.11	11.96
-28	99.10	90.50	0.99	0.91	14.37	13.12
-26	108.30	99.20	1.08	0.99	15.70	14.38
-24	118.30	108.50	1.18	1.09	17.15	15.73
-22	128.90	118.40	1.29	1.18	18.69	17.17
-20	140.30	129.10	1.40	1.29	20.34	18.72
-18	152.40	140.50	1.52	1.41	22.10	20.37
-16	165.30	152.70	1.65	1.53	23.97	22.14
-14	179.10	165.70	1.79	1.66	25.97	24.03
-12	193.80	179.60	1.94	1.80	28.10	26.04
-10	209.30	194.30	2.09	1.94	30.35	28.17
-8	225.80	209.90	2.26	2.10	32.74	30.44
-6	243.30	226.50	2.43	2.27	35.28	32.84
-4	261.90	244.10	2.62	2.44	37.98	35.39
-2	281.50	262.80	2.82	2.63	40.82	38.11
0	302.20	282.50	3.02	2.83	43.82	40.96
2	324.00	303.30	3.24	3.03	46.98	43.98
4	347.00	325.30	3.47	3.25	50.32	47.17
6	371.30	348.50	3.71	3.49	53.84	50.53
8	396.80	372.90	3.97	3.73	57.54	54.07
10	423.70	398.70	4.24	3.99	61.44	57.81
12	451.90	425.70	4.52	4.26	65.53	61.73
14	481.50	454.10	4.82	4.54	69.82	65.84
16	512.50	484.00	5.13	4.84	74.31	70.18
18	545.00	515.30	5.45	5.15	79.03	74.72
20	579.10	548.10	5.79	5.48	83.97	79.47
22	614.70	582.50	6.15	5.83	89.13	84.46
24	652.00	618.50	6.52	6.19	94.54	89.68
26	690.90	656.10	6.91	6.56	100.18	95.13
28	731.60	695.50	7.32	6.96	106.08	100.85
30	774.00	736.60	7.74	7.37	112.23	106.81
32	818.20	779.50	8.18	7.80	118.64	113.03
34	864.30	824.20	8.64	8.24	125.32	119.51
36	912.40	870.90	9.12	8.71	132.30	126.28
38	962.30	919.50	9.62	9.20	139.53	133.33
40	1014.30	970.20	10.14	9.70	147.07	140.68
42	1068.40	1022.90	10.68	10.23	154.92	148.32
44	1124.60	1077.80	11.25	10.78	163.07	156.28
46	1183.00	1134.90	11.83	11.35	171.54	164.56
48	1243.60	1194.20	12.44	11.94	180.32	173.16
50	1306.50	1255.80	13.07	12.56	189.44	182.09
52	1371.70	1319.80	13.72	13.20	198.90	191.37
54	1439.40	1386.20	14.39	13.86	208.71	201.00
56	1509.50	1455.20	15.10	14.55	218.88	211.00
58	1582.10	1526.70	15.82	15.27	229.40	221.37
60	1657.40	1600.90	16.57	16.01	240.32	232.13
62	1735.30	1677.80	17.35	16.78	251.62	243.28
64	1815.90	1757.50	18.16	17.58	263.31	254.84
66	1899.30	1840.10	18.99	18.40	275.40	266.81
68	1985.60	1925.70	19.86	19.26	287.91	279.23
70	2074.80	2014.30	20.75	20.14	300.85	292.07

TEMPERATURE GLIDE: APPROXIMATELY 1 DEG C



**RS-25 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)
-50	-67.30	-70.90	-0.67	-0.71	-9.89	-10.42
-48	-63.40	-67.40	-0.63	-0.67	-9.32	-9.91
-46	-59.20	-63.50	-0.59	-0.64	-8.70	-9.33
-44	-54.60	-59.30	-0.55	-0.59	-8.03	-8.72
-42	-49.60	-54.70	-0.50	-0.55	-7.29	-8.04
-40	-44.20	-49.70	-0.44	-0.50	-6.50	-7.31
-38	-38.30	-44.20	-0.38	-0.44	-5.63	-6.50
-36	-31.90	-38.30	-0.32	-0.38	-4.69	-5.63
-34	-25.00	-31.80	-0.25	-0.32	-3.68	-4.67
-32	-17.60	-25.00	-0.18	-0.25	-2.59	-3.68
-30	-9.60	-17.50	-0.10	-0.18	-1.41	-2.57
-28	-0.90	-9.50	-0.01	-0.10	-0.13	-1.40
-26	8.30	-0.80	0.08	-0.01	1.22	-0.12
-24	18.30	8.50	0.18	0.09	2.69	1.25
-22	28.90	18.40	0.29	0.18	4.25	2.70
-20	40.30	29.10	0.40	0.29	5.92	4.28
-18	52.40	40.50	0.52	0.41	7.70	5.95
-16	65.30	52.70	0.65	0.53	9.60	7.75
-14	79.10	65.70	0.79	0.66	11.63	9.66
-12	93.80	79.60	0.94	0.80	13.79	11.70
-10	109.30	94.30	1.09	0.94	16.07	13.86
-8	125.80	109.90	1.26	1.10	18.49	16.16
-6	143.30	126.50	1.43	1.27	21.07	18.60
-4	161.90	144.10	1.62	1.44	23.80	21.18
-2	181.50	162.80	1.82	1.63	26.68	23.93
0	202.20	182.50	2.02	1.83	29.72	26.83
2	224.00	203.30	2.24	2.03	32.93	29.89
4	247.00	225.30	2.47	2.25	36.31	33.12
6	271.30	248.50	2.71	2.49	39.88	36.53
8	296.80	272.90	2.97	2.73	43.63	40.12
10	323.70	298.70	3.24	2.99	47.58	43.91
12	351.90	325.70	3.52	3.26	51.73	47.88
14	381.50	354.10	3.82	3.54	56.08	52.05
16	412.50	384.00	4.13	3.84	60.64	56.45
18	445.00	415.30	4.45	4.15	65.42	61.05
20	479.10	448.10	4.79	4.48	70.43	65.87
22	514.70	482.50	5.15	4.83	75.66	70.93
24	552.00	518.50	5.52	5.19	81.14	76.22
26	590.90	556.10	5.91	5.56	86.86	81.75
28	631.60	595.50	6.32	5.96	92.85	87.54
30	674.00	636.60	6.74	6.37	99.08	93.58
32	718.20	679.50	7.18	6.80	105.58	99.89
34	764.30	724.20	7.64	7.24	112.35	106.46
36	812.40	770.90	8.12	7.71	119.42	113.32
38	862.30	819.50	8.62	8.20	126.76	120.47
40	914.30	870.20	9.14	8.70	134.40	127.92
42	968.40	922.90	9.68	9.23	142.35	135.67
44	1024.60	977.80	10.25	9.78	150.62	143.74
46	1083.00	1034.90	10.83	10.35	159.20	152.13
48	1143.60	1094.20	11.44	10.94	168.11	160.85
50	1206.50	1155.80	12.07	11.56	177.36	169.90
52	1271.70	1219.80	12.72	12.20	186.94	179.31
54	1339.40	1286.20	13.39	12.86	196.89	189.07
56	1409.50	1355.20	14.10	13.55	207.20	199.21
58	1482.10	1426.70	14.82	14.27	217.87	209.72
60	1557.40	1500.90	15.57	15.01	228.94	220.63
62	1635.30	1577.80	16.35	15.78	240.39	231.94
64	1715.90	1657.50	17.16	16.58	252.24	243.65
66	1799.30	1740.10	17.99	17.40	264.50	255.79
68	1885.60	1825.70	18.86	18.26	277.18	268.38
70	1974.80	1914.30	19.75	19.14	290.30	281.40

TEMPERATURE GLIDE: APPROXIMATELY 1 DEG C