



Water Vapor Charts for Saturated Natural Gas, type SP and type 10BF Desiccant

This chart shows the water vapor content of **100% saturated Natural Gas** at the given temperatures and pressures, measured in pounds of water per million cubic feet.

	10 PSIG	25 PSIG	50 PSIG	75 PSIG	100 PSIG	125 PSIG	150 PSIG	175 PSIG	200 PSIG	225 PSIG	250 PSIG	275 PSIG	300 PSIG	350 PSIG	400 PSIG	500 PSIG	750 PSIG	1000 PSIG
80°F	985	626	382	279	220	182	156	137	122	110	101	93	86	76	68	56	41	33
75°F	834	531	324	237	186	155	132	116	103	95	86	79	73	64	58	48	35	29
70°F	703	448	273	200	157	131	112	98	88	80	72	67	62	55	49	41	30	24.4
65°F	593	378	231	169	133	111	95	83	74	67	61	57	53	46	42	35	26	20.8
60°F	499	318	194	142	112	93	80	70	63	57	52	48	45	39	35	29	21.7	17.7
58°F	462	295	180	132	104	86	74	65	58	53	48	45	41	36	33	27	20.2	16.6
56°F	430	274	167	123	97	80	69	61	54	49	45	41	39	34	31	26	18.9	15.5
54°F	401	256	156	115	90	75	64	57	51	46	42	39	36	32	29	23.9	17.7	14.5
52°F	373	238	145	107	84	70	60	53	47	43	39	36	34	30	27	22.3	16.5	13.6
50°F	347	221	135	99	78	65	56	49	44	40	36	34	31	28	24.8	20.8	15.4	12.7
45°F	287	183	112	82	65	54	46	41	36	33	30	28	26	23	20.7	17.4	13	10.7
40°F	237	151	93	68	54	45	38	34	30	27.4	25	23.3	21.7	19.1	17.2	14.5	10.8	9
35°F	195	124	76	56	44	37	32	28	25	22.7	20.8	19.3	17.9	15.9	14.3	12.1	9.1	7.5

Type SP Deliquescent Desiccant Tablets

This chart shows water vapor content of Natural Gas after drying with **type "SP" desiccant** in pounds per million cubic feet.

	10 PSIG	25 PSIG	50 PSIG	75 PSIG	100 PSIG	125 PSIG	150 PSIG	175 PSIG	200 PSIG	225 PSIG	250 PSIG	275 PSIG	300 PSIG	350 PSIG	400 PSIG	500 PSIG	750 PSIG	1000 PSIG
80°F	344	219	134	98	77	64	55	48	43	39	35	33	30	27	23.6	19.7	14.3	11.6
75°F	292	186	113	83	65	54	46	41	36	33	30	28	26	22.5	20.1	16.8	12.2	9.9
70°F	246	157	96	70	55	46	39	43	31	27	25	23.4	21.7	19.1	17.1	14.3	10.4	8.5
65°F	207	132	81	59	47	39	33	29	26	23.5	21.4	19.8	18.4	16.2	14.5	12.1	8.9	7.3
60°F	174	111	68	50	39	33	29	24.5	21.9	19.8	18.1	16.8	15.5	13.7	12.3	10.3	7.6	6.2
58°F	162	103	63	46	36	31	26	22.8	20.3	18.4	16.8	15.6	14.4	12.9	11.4	9.6	7	5.8
56°F	150	96	59	43	34	29	24.1	21.2	18.9	17.1	15.7	14.5	13.4	11.8	10.6	8.9	6.6	5.4

54°F	140	89	55	40	32	26	22.5	19.8	17.6	16	14.6	13.5	12.6	11.1	9.9	8.3	6.2	5.1
52°F	130	83	51	37	29	24.5	21	18.4	16.4	14.9	14.4	12.6	11.7	10.3	9.3	7.8	5.8	4.7
50°F	121	77	47	35	27	22.8	19.5	17.1	15.3	13.9	12.7	11.7	10.9	9.6	8.6	7.2	5.4	4.4
45°F	100	64	39	29	22.7	18.9	16.2	14.3	12.7	11.5	10.6	9.8	9.1	8	7.2	6.1	4.5	3.7
40°F	83	53	32	24	18.8	15.6	13.4	11.8	10.5	9.6	8.8	8.1	7.5	6.7	6	5	3.8	3.1
35°F	68	44	27	19.6	15.5	13	11.1	9.8	8.7	7.9	7.2	6.7	6.2	5.5	5	4.2	3.1	2.6

Type 10BF Deliquescent Desiccant Tablets

This chart shows water vapor content of Natural Gas after drying with **type "10BF" desiccant** in pounds per million cubic feet.

	10 PSIG	25 PSIG	50 PSIG	75 PSIG	100 PSIG	125 PSIG	150 PSIG	175 PSIG	200 PSIG	225 PSIG	250 PSIG	275 PSIG	300 PSIG	350 PSIG	400 PSIG	500 PSIG	750 PSIG	1000 PSIG
80°F	128	81	50	36	29	23.7	20.2	17.8	15.8	14.3	13	12	11.1	9.8	8.7	7.3	5.3	4.3
75°F	108	69	42	31	24.2	20	17.2	15.1	13.4	12.1	11.1	10.2	9.5	8.3	7.4	6.2	4.5	3.7
70°F	91	59	36	26	20.4	17	14.5	12.7	11.3	10.3	9.4	8.7	8	7.1	6.3	5.3	3.8	3.1
65°F	77	49	30	21.9	17.2	14.3	12.2	10.8	9.6	8.7	7.9	7.3	6.8	6	5.4	4.5	3.3	2.7
60°F	65	41	25	18.4	14.5	12.1	10.3	9.1	7.1	7.4	6.7	6.2	5.7	5	4.5	3.8	2.8	2.3
58°F	60	38	23.4	17.1	13.5	11.2	9.6	8.4	7.5	6.8	6.2	5.7	5.3	4.7	4.2	3.5	2.6	2.1
56°F	56	37	21.7	15.9	12.5	10.5	8.9	7.8	7	6.3	5.8	5.4	5	4.4	3.9	3.3	2.4	2
54°F	52	33	20.3	14.8	11.7	9.7	8.3	7.3	6.5	5.9	5.4	5	4.6	4.1	3.7	3.1	2.3	1.8
52°F	48	31	18.9	13.8	10.9	9	7.7	6.8	6.1	5.5	5	4.7	4.3	3.8	3.4	2.9	2.1	1.7
50°F	45	29	17.5	12.8	10.1	8.4	7.2	6.4	5.6	5.1	4.7	4.4	4	3.5	3.2	2.7	2	1.6
45°F	37	23.8	14.5	10.7	8.4	7	6	5.3	4.7	4.3	3.9	3.6	3.3	2.9	2.6	2.2	1.6	1.3
40°F	30	19.6	12	8.7	6.9	5.8	4.9	4.4	3.9	3.6	3.2	3	2.8	2.4	2.2	1.8	1.4	1.1
35°F	25	16.1	9.9	7.2	5.7	4.8	4.1	3.6	3.2	2.9	2.7	2.5	2.3	2	1.8	1.5	1.1	9

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