

3 飽和水蒸気圧表 (日本機械学会「蒸気表」より抜粋)

温度 Temp. °C	圧力 Pressure kPa	比容積 Specific Volume m ³ /kg	
		m ³ /kg	
		V'	V''
0	0.6108	0.00100022	206.3050000
5	0.8718	0.00100003	147.1630000
10	1.227	0.00100025	106.4300000
15	1.7039	0.00100083	77.9779000
20	2.3366	0.00100172	57.8383000
25	3.166	0.00100289	43.4017000
30	4.2415	0.00100431	32.9289000
35	5.6216	0.00100595	25.2449000
40	7.375	0.00100781	19.5461000
45	9.582	0.00100987	15.2762000
50	12.335	0.00101211	12.0457000
55	15.741	0.00101454	9.5788700
60	19.92	0.00101714	7.6785300
65	25.009	0.00101991	6.2022800
70	31.162	0.00102285	5.0462700
75	38.549	0.00102594	4.1341000
80	47.36	0.00102919	3.4090900
85	57.803	0.00103259	2.8288100
90	70.109	0.00103615	2.3613000
95	84.526	0.00103985	1.9822200
100	101.325	0.00104371	1.6730000
105	120.8	0.00104771	1.4192800
110	143.27	0.00105187	1.2099400
115	169.06	0.00105617	1.0362900
120	198.54	0.00106063	0.8915240
125	232.1	0.00106525	0.7702330
130	270.13	0.00107002	0.6681360
135	313.07	0.00107496	0.5818070
140	361.38	0.00108006	0.5084930
145	415.52	0.00108533	0.4459750
°C	MPa	m ³ /kg	
150	0.476	0.00109078	0.3924470
155	0.54333	0.00109641	0.3464420
160	0.61806	0.00110223	0.3067560
165	0.70077	0.00110824	0.2723990
170	0.79202	0.00111446	0.2425530
175	0.89244	0.00112088	0.2165420
180	1.0027	0.00112752	0.1938000
185	1.1233	0.00113439	0.1738570
190	1.2551	0.00114151	0.1563160
195	1.3987	0.00114887	0.1408440
200	1.5549	0.00115650	0.1271600
205	1.7243	0.00116440	0.1150260
210	1.9077	0.00117260	0.1042390
215	2.106	0.00118112	0.0946253
220	2.3198	0.00118996	0.0860378
230	2.7976	0.00120872	0.0714498
240	3.3478	0.00122908	0.0596544
250	3.9776	0.00125129	0.0500374
260	4.6943	0.00127563	0.0421338
270	5.5058	0.00130250	0.0355880
280	6.4202	0.00133239	0.0301260
290	7.4461	0.00136595	0.0255351
300	8.5927	0.00140406	0.0216487
310	9.87	0.00144797	0.0183339
320	11.289	0.00149950	0.0154798
330	12.863	0.00156147	0.0129894
340	14.605	0.00163872	0.0107804
350	16.535	0.00174112	0.0087991
360	18.675	0.00189590	0.0069398
370	21.054	0.00221360	0.0049728
374.15	22.12	0.00317000	0.0031700

圧力 Pressure kPa	温度 Temp. °C	比容積 Specific Volume m ³ /kg	
		m ³ /kg	
		V'	V''
1	6.983	0.00100007	129.2090000
10	45.83	0.00101023	14.6746000
50	81.35	0.00103009	3.2402200
100	99.63	0.00104342	1.6937300
101.325	100	0.00104371	1.6730000
120	104.81	0.00104755	1.4281300
140	109.32	0.00105129	1.2363300
160	113.32	0.00105471	1.0911100
180	116.93	0.00105788	0.9772270
200	120.23	0.00106084	0.8854410
250	127.43	0.00106755	0.7184390
300	133.54	0.00107350	0.6055620
350	138.87	0.00107890	0.5240030
400	143.62	0.00108387	0.4622240
450	147.92	0.00108849	0.4137540
500	151.84	0.00109284	0.3746760
600	158.84	0.00110086	0.3154740
700	164.96	0.00110819	0.2726810
800	170.41	0.00111498	0.2402570
900	175.36	0.00112135	0.2148120
°C	MPa	m ³ /kg	
1	179.88	0.00112737	0.1942930
1.1	184.07	0.00113309	0.1773840
1.2	187.96	0.00113858	0.1632000
1.3	191.61	0.00114385	0.1511270
1.4	195.04	0.00114893	0.1407210
1.5	198.29	0.00115386	0.1316560
1.6	201.37	0.00115864	0.1236860
1.7	204.31	0.00116329	0.1166230
1.8	207.11	0.00116783	0.1103170
1.9	209.8	0.00117226	0.1046530
2	212.37	0.00117661	0.0995361
2.1	214.85	0.00118086	0.0948898
2.2	217.24	0.00118504	0.0906516
2.3	219.55	0.00118915	0.0867692
2.4	221.78	0.00119320	0.0831994
2.5	223.94	0.00119718	0.0799053
2.6	226.04	0.00120111	0.0768560
2.7	228.07	0.00120498	0.0740247
2.8	230.05	0.00120881	0.0713887
2.9	231.97	0.00121260	0.0689282
3	233.84	0.00121634	0.0666261
3.1	235.67	0.00122005	0.0644674
3.2	237.45	0.00122372	0.0624389
3.3	239.18	0.00122735	0.0605290
3.4	240.88	0.00123096	0.0587276
3.5	242.54	0.00123454	0.0570255
3.6	244.16	0.00123809	0.0554146
3.7	245.75	0.00124162	0.0538877
3.8	247.31	0.00124512	0.0524383
3.9	248.84	0.00124860	0.0510606
4	250.33	0.00125206	0.0497493
5	263.91	0.00128582	0.0394285
6	275.55	0.00131868	0.0324378
7	285.79	0.00135132	0.0273733
8	294.97	0.00138424	0.0235253
9	303.31	0.00141786	0.0204953
10	310.96	0.00145256	0.0180413
15	342.13	0.00165791	0.0103402
20	365.7	0.00203700	0.0058765
22	373.69	0.00267090	0.0037265
22.12	374.15	0.00317000	0.0031700

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