

A.1.1

계기압력 (kg/cm ² G)	절대압력 (kg/cm ² A)	포화온도 (℃)	비 용 적 (m ³ /kg)	현 열 량 (Kcal/kg)	잠 열 량 (Kcal/kg)	전 열 (Kcal/kg)
	0.05	32.55	28.7184	32.560	579.12	611.68
	0.10	45.45	14.9467	45.438	571.76	617.20
	0.15	53.59	10.2084	53.569	567.07	620.64
	0.20	59.66	7.79127	59.637	563.54	623.18
	0.25	64.56	6.31916	64.528	560.67	625.20
	0.30	68.68	5.32592	68.650	558.24	626.89
	0.35	72.25	4.60929	72.228	556.11	628.34
	0.40	75.42	4.06715	75.400	554.22	629.62
	0.45	78.27	3.64225	78.255	552.51	630.76
	0.50	80.86	3.30001	80.855	550.94	631.79
	0.55	83.24	3.01917	83.144	549.49	632.73
	0.60	85.45	2.78214	85.465	548.13	633.60
	0.65	87.51	2.58188	87.531	546.87	634.40
	0.70	89.45	2.40834	89.474	545.68	635.15
	0.75	91.27	2.25812	91.301	544.55	635.85
	0.80	92.99	2.12544	93.034	543.48	636.51
	0.85	94.62	2.00848	94.676	542.45	637.13
	0.90	96.18	1.90365	96.244	541.48	637.72
	0.95	97.66	1.80993	97.735	540.54	638.28
	1.00	99.09	1.72495	99.172	539.64	638.81
0.0	1.03323	100.00	1.67300	100.092	539.06	639.15
0.2	1.233	105.03	1.41782	105.165	535.84	641.01
0.4	1.433	109.43	1.23208	109.605	532.99	642.60
0.6	1.633	113.35	1.09031	113.570	530.43	644.00
0.8	1.833	116.89	0.978472	117.160	528.07	645.23
1.0	2.033	120.13	0.898089	120.445	525.90	646.35
1.2	2.233	123.12	0.813309	123.480	523.89	647.37
1.4	2.433	125.90	0.750532	126.309	521.99	648.30
1.6	2.633	128.50	0.697014	128.953	520.20	649.15
1.8	2.833	130.94	0.650754	131.445	518.49	649.94
2.0	3.033	133.25	0.610505	133.796	516.88	650.68
2.2	3.233	135.43	0.575018	136.031	515.34	651.37
2.4	3.433	137.52	0.543509	138.159	513.86	652.02
2.6	3.633	139.50	0.515363	140.191	512.44	652.63
2.8	3.833	141.40	0.497985	142.136	511.06	653.20
3.0	4.033	143.22	0.467181	144.005	509.74	653.75
3.2	4.233	144.97	0.446364	145.804	508.47	654.27
3.4	4.433	146.65	0.427441	147.537	507.23	654.76
3.6	4.633	148.27	0.410054	149.205	506.02	655.23
3.8	4.833	149.74	0.395008	150.721	504.93	655.65
4.0	5.033	151.36	0.381516	152.386	503.71	656.10
4.2	5.233	152.83	0.371376	153.268	503.07	656.34
4.4	5.433	154.25	0.352924	155.377	501.52	656.90
4.6	5.633	155.64	0.341075	156.810	500.47	657.28
4.8	5.833	156.78	0.330014	158.203	499.44	657.64
5.0	6.033	158.29	0.319704	159.559	498.43	657.99
5.2	6.233	159.57	0.309995	160.882	497.44	658.32
5.4	6.433	160.81	0.300870	162.174	496.47	658.64
5.6	6.633	162.02	0.292292	163.433	495.52	658.95
5.8	6.833	163.03	0.285364	164.483	494.72	659.20
6.0	7.033	164.19	0.277617	165.696	493.80	659.50
6.2	7.233	165.32	0.269296	166.873	492.90	659.77
6.4	7.433	166.43	0.262423	168.031	492.02	660.05
6.6	7.633	167.52	0.256847	169.165	491.14	660.31
6.8	7.833	168.79	0.249380	170.497	490.12	660.62
7.0	8.033	169.78	0.243796	171.526	489.32	660.85

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7.2	8.233	170.80	0.238170	172.592	488.50	661.09
7.4	8.433	171.80	0.232802	173.639	487.68	661.32
7.6	8.633	172.79	0.227622	174.678	486.86	661.54
7.8	8.833	173.74	0.222773	175.677	486.07	661.75
8.0	9.033	174.69	0.218080	176.671	485.29	661.95
8.2	9.233	175.61	0.213588	177.647	484.52	662.17
8.4	9.433	176.53	0.209278	178.607	483.76	662.37
8.6	9.633	177.43	0.205135	179.554	483.01	662.56
8.8	9.833	178.31	0.201158	180.485	482.26	662.75
9.0	10.033	179.18	0.197334	181.401	481.77	662.93
9.2	10.233	180.04	0.193740	182.307	480.80	663.11
9.4	10.433	180.88	0.190104	183.196	480.08	663.28
9.6	10.633	181.71	0.187791	184.074	479.38	663.45
9.8	10.833	182.53	0.183393	184.940	478.67	663.61
10.0	11.033	183.33	0.180218	185.793	477.98	663.77
10.2	11.233	184.13	0.177150	186.635	477.28	663.92
10.4	11.433	184.92	0.174177	187.467	476.60	664.07
10.6	11.633	185.69	0.171598	188.288	475.93	664.22
10.8	11.833	186.45	0.168537	189.098	475.26	664.36
11.0	12.033	187.2	0.165853	189.897	474.60	664.50
11.2	12.233	187.95	0.163146	190.688	473.95	664.64
11.4	12.433	188.68	0.160731	191.467	473.30	664.77
11.6	12.633	189.41	0.158290	192.239	472.66	664.90
11.8	12.833	190.12	0.155919	193.002	472.03	665.03
12.0	13.033	191.00	0.153618	193.755	471.39	665.15
12.2	13.233	191.52	0.151387	194.500	470.77	665.27
12.4	13.433	192.21	0.149219	195.238	470.15	665.39
12.6	13.633	192.90	0.147107	195.968	469.54	665.51
12.8	13.833	193.57	0.145063	196.688	468.93	665.62
13.0	14.033	194.24	0.143073	197.402	468.33	665.73
13.2	14.233	194.90	0.141129	198.109	467.72	665.83
13.4	14.433	195.56	0.139248	198.807	467.13	665.94
13.6	14.633	196.20	0.137413	199.499	466.54	666.04
13.8	14.833	196.84	0.135621	200.185	465.95	666.14
14.0	15.033	197.47	0.133882	200.863	465.37	666.23
14.2	15.233	198.09	0.132185	201.533	464.79	666.32
14.4	15.433	198.71	0.130525	202.200	464.22	666.42
14.6	15.633	199.33	0.129434	202.859	463.64	666.50
14.8	15.833	199.93	0.127850	203.513	463.08	666.59
15.0	16.033	200.53	0.125798	204.159	462.52	666.68
15.2	16.233	201.13	0.124297	204.801	461.96	666.76
15.4	16.433	201.72	0.122831	205.436	461.41	666.84
15.6	16.633	202.30	0.121400	206.066	460.85	666.92
15.8	16.833	202.88	0.119998	206.692	460.31	667.00
16.0	17.033	203.45	0.118641	207.310	459.77	667.08
16.2	17.233	204.02	0.117293	207.925	459.22	667.15
16.4	17.433	204.58	0.115989	208.533	458.69	667.22
16.6	17.633	205.14	0.114710	209.137	458.15	667.29
16.8	17.833	205.69	0.113458	209.737	457.69	667.36
17.0	18.033	206.24	0.112236	210.330	457.10	667.43
17.2	18.233	206.78	0.111037	210.919	456.57	667.49
17.4	18.433	207.32	0.109864	211.505	456.05	667.56
17.6	18.633	207.86	0.108715	212.085	455.53	667.62
17.8	18.833	208.39	0.107590	212.660	455.02	667.68
18.0	19.033	208.91	0.106486	213.232	454.51	667.74

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18.2	19.233	209.51	0.105231	213.892	453.92	667.81
18.4	19.433	209.89	0.104459	214.302	453.55	667.85
18.6	19.633	210.46	0.103310	214.922	452.99	667.91
18.8	19.833	210.97	0.102288	215.477	452.48	667.96
19.0	20.033	211.47	0.101294	216.027	451.99	668.02
19.2	20.233	211.97	0.100315	216.573	451.50	668.07
19.4	20.433	212.47	0.091902	217.117	450.99	668.11
19.6	20.633	212.96	0.098410	217.657	450.51	668.17
19.8	20.833	213.45	0.097491	218.194	450.02	668.21
20.0	21.033	213.94	0.096575	218.725	449.52	668.25
20.5	21.533	215.14	0.094378	220.039	448.33	668.37
21.0	22.033	216.32	0.092274	221.332	447.14	668.47
21.5	22.533	217.48	0.090260	222.605	445.95	668.56
22.0	23.033	218.61	0.088331	223.858	444.79	668.65
22.5	23.533	219.73	0.086481	225.093	443.64	668.73
23.0	24.033	220.86	0.084705	226.308	442.50	668.81
23.5	24.533	221.91	0.082999	227.507	441.36	668.87
24.0	25.033	222.98	0.081359	228.688	440.25	668.94
24.5	25.533	224.03	0.079781	229.854	439.15	669.00
25.0	26.033	225.06	0.078264	231.002	438.05	669.05
25.5	26.533	226.08	0.076799	232.13	436.96	669.09
26.0	27.033	227.09	0.075387	233.256	435.88	669.14
26.5	27.533	228.07	0.074024	234.362	434.82	669.18
27.0	28.033	229.05	0.072708	235.454	433.76	669.21
27.5	28.533	230.01	0.071438	236.532	432.71	669.24
28.0	29.033	230.96	0.070368	237.598	431.67	669.27
28.5	29.533	231.90	0.069088	238.651	430.63	669.28
29.0	30.033	232.82	0.067869	239.692	429.61	669.30
29.5	30.533	233.74	0.066755	240.722	428.59	669.31
30.0	31.033	234.64	0.065675	241.740	427.58	669.32
30.5	31.533	235.53	0.064629	242.746	426.58	669.33
31.0	32.033	236.41	0.063614	243.742	425.59	669.33
31.5	32.533	237.28	0.062629	244.728	424.60	669.33
32.0	33.033	238.14	0.061673	245.704	423.62	669.32
32.5	33.533	238.98	0.060744	246.670	422.64	669.31
33.0	34.033	239.82	0.059841	247.626	421.67	669.30
33.5	34.533	240.65	0.058965	248.573	420.71	669.28
34.0	35.033	241.47	0.058112	249.511	419.76	669.27
34.5	35.533	242.28	0.057282	250.440	418.80	669.24
35.0	36.033	243.09	0.056475	251.360	417.86	669.22
36.0	37.033	244.67	0.054923	253.176	415.99	669.16
37.0	38.033	246.22	0.053450	254.959	414.13	669.09
38.0	39.033	247.74	0.052049	256.713	412.30	669.02
39.0	40.033	249.23	0.050716	258.437	410.49	668.93
40.0	41.033	250.69	0.049445	260.133	408.69	668.83
41.0	42.033	252.12	0.048233	261.803	406.91	668.72
42.0	43.033	253.53	0.047075	263.447	405.15	668.60
43.0	44.033	254.90	0.045968	265.068	403.40	668.48
44.0	45.033	256.26	0.044908	266.665	401.67	668.34
45.0	46.033	257.60	0.043892	268.240	399.95	668.20
46.0	47.033	258.92	0.042918	269.794	398.25	668.04
47.0	48.033	260.21	0.041984	271.326	396.56	667.88
48.0	49.033	261.48	0.041085	272.839	394.88	667.72
49.0	50.033	262.73	0.040222	274.333	393.22	667.54
50.0	51.033	263.97	0.039391	275.809	391.56	667.36

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51.0	52.033	265.18	0.038590	277.267	389.92	667.18
52.0	53.033	266.38	0.037819	278.708	388.28	666.99
53.0	54.033	267.56	0.037075	280.132	386.66	666.79
54.0	55.033	268.73	0.0363569	281.541	385.05	666.58
55.0	56.033	269.88	0.0356636	282.935	383.44	666.37
56.0	57.033	271.01	0.0349936	284.346	381.84	666.15
57.0	58.033	272.13	0.0343458	286.644	380.26	665.93
58.0	59.033	273.23	0.0337191	287.027	378.67	665.70
59.0	60.033	274.32	0.0331123	288.364	377.10	665.46
60.0	61.033	275.39	0.0325247	289.688	375.54	665.22
61.0	62.033	276.45	0.0319552	291.000	373.98	664.98
62.0	63.033	277.50	0.0314030	292.299	372.43	664.72
63.0	64.033	278.53	0.0308670	293.586	370.88	664.47
64.0	65.033	279.56	0.0303474	294.863	369.34	664.21
65.0	66.033	280.57	0.0298427	296.127	367.84	663.94
66.0	67.033	281.57	0.0293523	297.382	366.29	663.67
67.0	68.033	282.56	0.0288757	298.626	364.76	663.39
68.0	69.033	283.53	0.0284123	299.859	363.25	663.11
69.0	70.033	284.5	0.0279616	301.083	361.74	662.82
70.0	71.033	285.46	0.0275230	302.298	360.23	662.53
71.0	72.033	286.41	0.0270961	303.502	358.73	662.23
72.0	73.033	287.34	0.0266803	304.698	357.23	661.93
73.0	74.033	288.27	0.0262753	305.886	355.74	661.63
74.0	75.033	289.19	0.0258805	307.065	354.25	661.32
75.0	76.033	290.09	0.0254956	308.234	352.77	661.01
76.0	77.033	290.99	0.0251203	309.397	351.29	660.69
77.0	78.033	291.88	0.0247542	310.552	349.81	660.37
78.0	79.033	292.76	0.0243969	311.696	348.34	660.04
79.0	80.033	293.64	0.0240481	312.840	346.87	659.71
80.0	81.033	294.5	0.0237075	313.970	345.40	659.38
81.0	82.033	295.36	0.0233748	315.095	343.94	659.04
82.0	83.033	296.21	0.0230497	316.213	342.48	658.69
83.0	84.033	297.05	0.0227320	317.324	341.02	658.35
84.0	85.033	297.88	0.0224214	318.429	339.56	658.00
85.0	86.033	298.71	0.0221177	319.528	338.11	657.64
86.0	87.033	299.53	0.0218205	320.621	336.66	657.29
87.0	88.033	300.34	0.0215298	321.708	335.21	656.92
88.0	89.033	301.14	0.0212453	322.788	333.77	656.56
89.0	90.033	301.94	0.0209668	323.863	332.32	656.19
90.0	91.033	302.73	0.0206941	324.932	330.88	655.82
91.0	92.033	303.51	0.0204270	325.996	329.44	655.44
92.0	93.033	304.29	0.0201652	327.055	328.00	655.06
93.0	94.033	305.06	0.0199088	328.109	326.56	654.68
94.0	95.033	305.82	0.0196575	329.157	325.13	654.29
95.0	96.033	306.58	0.0194110	330.200	323.69	653.90
96.0	97.033	307.33	0.0191694	331.239	322.26	653.51
97.0	98.033	308.07	0.0189324	332.274	320.83	653.11
98.0	99.033	308.81	0.0186999	333.304	319.40	652.71
99.0	100.033	309.55	0.0184723	334.328	317.97	652.30
100.0	101.033	310.26	0.0182654	335.332	316.54	651.87
110.0	111.033	317.26	0.0162291	345.336	302.26	647.59
120.0	121.033	323.79	0.0145036	355.022	287.91	642.93
130.0	131.033	329.91	0.0130151	364.477	273.32	637.80
140.0	141.033	335.67	0.0117107	373.780	258.35	632.13
150.0	151.033	341.11	0.0105536	383.011	242.84	625.84
160.0	161.033	346.26	0.0095177	393.293	226.65	618.91
170.0	171.033	351.15	0.0085815	410.672	209.60	611.30
180.0	181.033	355.81	0.0077098	411.827	190.87	602.70
190.0	191.033	360.25	0.0068930	422.027	170.90	592.92
200.0	201.033	365.95	0.0062192	433.869	151.93	585.80
210.0	211.033	368.55	0.005282	446.052	120.01	556.07
220.0	221.033	372.44	0.0042871	465.811	76.10	541.91
224.527	225.560	374.15	0.0031700	503.340	69.83	503.34