

飽和温度と飽和圧力表

(圧力は絶対圧力)

(圧力はゲージ圧力)

冷媒 温度 ()	R12		R22		R502	
	飽和圧力		飽和圧力		飽和圧力	
	MPa	kgf/cm ²	MPa	kgf/cm ²	MPa	kgf/cm ²
-40	0.06415	0.6544	0.1053	1.0703	0.1308	1.334
-35	0.08072	0.8231	0.1317	1.3428	0.1623	1.655
-30	0.10042	1.0240	0.16391	1.6671	0.1993	2.032
-25	0.12369	1.2613	0.20099	2.0495	0.2423	2.471
-20	0.15094	1.5392	0.24531	2.4966	0.2922	2.980
-15	0.18260	1.8620	0.29572	3.0155	0.3494	3.563
-10	0.21913	2.2345	0.35474	3.6130	0.4146	4.228
-5	0.26097	2.6612	0.42136	4.2967	0.4885	4.981
0	0.30863	3.1471	0.49792	5.0742	0.5719	5.832
5	0.36257	3.6972	0.58380	5.9556	0.6653	6.784
10	0.42331	4.3166	0.68091	6.9415	0.7695	7.847
15	0.49139	5.0108	0.78921	8.0477	0.8853	9.028
20	0.56731	5.7850	0.91009	9.2788	1.0130	10.33
25	0.65164	6.6449	1.0439	10.645	1.1542	11.77
30	0.74494	7.5963	1.1921	12.154	1.3082	13.34
35	0.84701	8.6371	1.3555	13.822	1.4798	15.09
40	0.95944	9.7836	1.5340	15.642	1.6681	17.01
45	1.0825	11.038	1.7301	17.342	1.8721	19.09
50	1.2166	12.406	1.9432	19.815	2.0957	21.37
55	1.3626	13.893	2.1760	22.189	2.3379	23.84
60	1.5212	15.512	2.4279	24.758	2.6007	26.52
65	1.6929	17.263	2.7015	27.548	2.8851	29.42
70	1.8786	19.156	2.9975	30.566	3.1940	32.57
80	2.2952	23.405	3.6633	37.355	3.8932	39.70
90	2.7789	28.337	4.4413	45.289		
100	3.3399	34.057				

冷媒 飽和圧力 (MPa)	R410A		R407C		R404A	
	飽和温度()		飽和温度()		飽和温度()	
	飽和液	飽和ガス	飽和液	飽和ガス	飽和液	飽和ガス
0.0	-51.85	-51.83	-44.01	-36.76	-46.75	-46.12
0.1	-37.25	-37.21	-28.54	-21.56	-31.24	-30.67
0.2	-27.61	-27.55	-18.31	-11.53	-20.96	-20.44
0.3	-20.21	-20.14	-10.44	- 3.84	-13.06	-12.56
0.4	-14.12	-14.04	- 3.96	2.49	- 6.55	- 6.07
0.5	- 8.89	- 8.80	1.60	7.91	- 0.96	- 0.50
0.6	- 4.30	- 4.20	6.50	12.68	3.97	4.41
0.7	- 0.17	- 0.06	10.90	16.95	8.39	8.81
0.8	3.58	3.69	14.90	20.83	12.41	12.82
0.9	7.02	7.15	18.59	24.83	16.11	16.50
1.0	10.22	10.35	22.01	27.69	19.54	19.92
1.1	13.21	13.34	25.20	30.77	22.75	23.11
1.2	16.01	16.15	28.20	33.66	25.76	26.11
1.3	18.66	18.80	31.04	36.39	28.60	28.95
1.4	21.17	21.31	33.73	38.97	31.29	31.63
1.5	23.55	23.70	36.29	41.42	33.86	34.18
1.6	25.83	25.98	38.74	43.76	36.30	36.62
1.7	28.01	28.16	41.08	45.99	38.64	38.95
1.8	30.10	30.25	43.33	48.13	40.89	41.19
1.9	32.11	32.26	45.49	50.19	43.05	43.33
2.0	34.04	34.20	47.58	52.17	45.13	45.40
2.1	35.91	36.06	49.60	54.07	47.14	47.40
2.2	37.72	37.87	51.55	55.91	49.08	49.33
2.3	39.46	39.62	53.44	57.69	50.96	51.20
2.4	41.16	41.31	55.27	59.41	52.78	53.01
2.5	42.80	42.95	57.05	61.08	54.54	54.77
2.6	44.40	44.55	58.78	62.70	56.26	56.47
2.7	45.95	46.10	60.47	64.27	57.93	58.13
2.8	47.47	47.62	62.12	65.79	59.56	59.75
2.9	48.94	49.09	63.72	67.28	61.14	61.32
3.0	50.38	50.53	65.29	68.72	62.69	62.85
3.1	51.87	51.93	66.83	70.13		
3.2	53.16	53.30	68.33	71.50		
3.3	54.50	54.63	69.80	72.84		
3.4	55.81	55.94	71.25	74.14		
3.5	57.09	57.22				
3.6	58.35	58.48				
3.7	59.58	59.70				
3.8	60.79	60.91				
3.9	61.98	62.09				
4.0	63.14	63.25				
4.1	63.99	64.38				

(PREFPORP Ver.5.10)

上記R410A、R407、CR404Aの資料は、
 社団法人 日本冷凍空調工業会 環境部会 冷媒転換促進委員会
 発行の「HFC系冷媒使用機器の施工・サービス技術」より引用しました。