

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
0.7	-14 (29")	.05	48	4,798	58.554	96.461	43.496	156.62	0.13474	0.4778
1.7	-13 (26")	.12	117	11,693	25.473	94.501	48.905	159.09	0.15056	0.46473
2.7	-12 (24")	.19	186	18,588	16.535	93.344	52.049	160.54	0.15935	0.45821
3.7	-11 (22")	.26	255	25,482	12.324	92.492	54.343	161.58	0.16559	0.4539
4.7	-10 (20")	.33	324	32,377	9.8609	91.807	56.175	162.42	0.17047	0.4507
5.7	-9 (18")	.40	393	39,272	8.2385	91.227	57.716	163.11	0.17451	0.44816
6.7	-8 (16")	.47	462	46,167	7.0865	90.722	59.054	163.71	0.17796	0.44606
7.7	-7 (14")	.54	531	53,061	6.2249	90.271	60.241	164.24	0.18099	0.44428
8.7	-6 (12")	.61	600	59,956	5.5552	89.863	61.313	164.72	0.18369	0.44273
9.7	-5 (10")	.68	669	66,851	5.0192	89.489	62.291	165.15	0.18613	0.44137
10.7	-4 (8")	.75	738	73,746	4.5802	89.142	63.194	165.54	0.18837	0.44015
11.7	-3 (6")	.82	806	80,641	4.2138	88.82	64.033	165.9	0.19042	0.43904
12.7	-2 (4")	.89	875	87,536	3.9032	88.517	64.819	166.24	0.19234	0.43804
13.7	-1 (2")	.96	944	94,431	3.6365	88.231	65.558	166.56	0.19412	0.43712
14.7	0	1.03	1,013	101,325	3.4047	87.96	66.258	166.85	0.1958	0.43627
15.7	1	1.10	1,082	108,220	3.2015	87.702	66.921	167.13	0.19738	0.43548
16.7	2	1.17	1,151	115,115	3.0218	87.456	67.554	167.4	0.19888	0.43474
17.7	3	1.24	1,220	122,010	2.8617	87.22	68.158	167.65	0.2003	0.43405
18.7	4	1.31	1,289	128,904	2.7182	86.994	68.737	167.89	0.20165	0.4334
19.7	5	1.38	1,358	135,799	2.5886	86.776	69.293	168.12	0.20295	0.43279
20.7	6	1.46	1,427	142,694	2.4712	86.566	69.828	168.34	0.20419	0.43221
21.7	7	1.53	1,496	149,589	2.3642	86.364	70.345	168.55	0.20538	0.43166
22.7	8	1.60	1,565	156,483	2.2663	86.167	70.844	168.75	0.20652	0.43113
23.7	9	1.67	1,634	163,378	2.1763	85.977	71.326	168.94	0.20762	0.43064
24.7	10	1.74	1,703	170,273	2.0934	85.792	71.794	169.13	0.20869	0.43016
25.7	11	1.81	1,772	177,168	2.0167	85.613	72.249	169.31	0.20971	0.4297
26.7	12	1.88	1,841	184,062	1.9456	85.438	72.69	169.48	0.21071	0.42927
27.7	13	1.95	1,910	190,957	1.8793	85.268	73.119	169.65	0.21167	0.42885
28.7	14	2.02	1,979	197,852	1.8176	85.102	73.537	169.81	0.21261	0.42844
29.7	15	2.09	2,048	204,747	1.7598	84.939	73.945	169.97	0.21351	0.42805
30.7	16	2.16	2,116	211,641	1.7057	84.781	74.342	170.12	0.2144	0.42768
31.7	17	2.23	2,185	218,536	1.6548	84.626	74.731	170.27	0.21526	0.42732
32.7	18	2.30	2,254	225,431	1.607	84.475	75.11	170.41	0.21609	0.42697
33.7	19	2.37	2,323	232,326	1.5619	84.326	75.481	170.55	0.21691	0.42663
34.7	20	2.44	2,392	239,220	1.5193	84.181	75.845	170.69	0.2177	0.4263
35.7	21	2.51	2,461	246,115	1.479	84.038	76.2	170.82	0.21848	0.42598
36.7	22	2.58	2,530	253,010	1.4408	83.898	76.549	170.95	0.21924	0.42567
37.7	23	2.65	2,599	259,905	1.4045	83.76	76.891	171.08	0.21998	0.42538
38.7	24	2.72	2,668	266,800	1.3701	83.625	77.226	171.2	0.2207	0.42508
39.7	25	2.79	2,737	273,694	1.3373	83.493	77.556	171.32	0.22141	0.4248
40.7	26	2.86	2,806	280,589	1.3061	83.362	77.879	171.44	0.22211	0.42453
41.7	27	2.93	2,875	287,484	1.2763	83.234	78.197	171.55	0.22279	0.42426
42.7	28	3.00	2,944	294,379	1.2479	83.107	78.509	171.67	0.22346	0.424
43.7	29	3.07	3,013	301,273	1.2207	82.983	78.816	171.78	0.22411	0.42374
44.7	30	3.14	3,082	308,168	1.1947	82.86	79.118	171.88	0.22475	0.42349
45.7	31	3.21	3,151	315,063	1.1698	82.739	79.416	171.99	0.22538	0.42325
46.7	32	3.28	3,220	321,958	1.1459	82.62	79.709	172.09	0.226	0.42301
47.7	33	3.35	3,289	328,852	1.123	82.503	79.997	172.19	0.22661	0.42278
48.7	34	3.42	3,358	335,747	1.1009	82.387	80.282	172.29	0.22721	0.42255
49.7	35	3.49	3,426	342,642	1.0798	82.273	80.562	172.39	0.2278	0.42233

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor
50.7	36	3.56	3,495	349,537	1.0594	82.16	80.838	172.48	0.22838	0.42211
51.7	37	3.63	3,564	356,431	1.0398	82.048	81.11	172.58	0.22895	0.4219
52.7	38	3.70	3,633	363,326	1.0209	81.938	81.379	172.67	0.22951	0.42169
53.7	39	3.78	3,702	370,221	1.0027	81.83	81.644	172.76	0.23006	0.42148
54.7	40	3.85	3,771	377,116	0.98514	81.722	81.906	172.85	0.2306	0.42128
55.7	41	3.92	3,840	384,010	0.96817	81.616	82.164	172.93	0.23114	0.42108
56.7	42	3.99	3,909	390,905	0.95178	81.511	82.42	173.02	0.23167	0.42089
57.7	43	4.06	3,978	397,800	0.93594	81.407	82.672	173.1	0.23219	0.4207
58.7	44	4.13	4,047	404,695	0.92062	81.304	82.921	173.19	0.2327	0.42051
59.7	45	4.20	4,116	411,589	0.90579	81.203	83.167	173.27	0.2332	0.42033
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor
60.7	46	4.27	4,185	418,484	0.89143	81.102	83.41	173.35	0.2337	0.42015
61.7	47	4.34	4,254	425,379	0.87751	81.003	83.651	173.42	0.2342	0.41997
62.7	48	4.41	4,323	432,274	0.86403	80.904	83.889	173.5	0.23468	0.4198
63.7	49	4.48	4,392	439,168	0.85095	80.807	84.124	173.58	0.23516	0.41963
64.7	50	4.55	4,461	446,063	0.83826	80.71	84.357	173.65	0.23563	0.41946
65.7	51	4.62	4,530	452,958	0.82594	80.615	84.587	173.73	0.2361	0.41929
66.7	52	4.69	4,599	459,853	0.81398	80.52	84.815	173.8	0.23656	0.41913
67.7	53	4.76	4,668	466,747	0.80236	80.426	85.04	173.87	0.23702	0.41897
68.7	54	4.83	4,736	473,642	0.79106	80.333	85.263	173.94	0.23747	0.41881
69.7	55	4.90	4,805	480,537	0.78008	80.241	85.485	174.01	0.23792	0.41866
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor
70.7	56	4.97	4,874	487,432	0.76939	80.149	85.703	174.08	0.23836	0.4185
71.7	57	5.04	4,943	494,327	0.75899	80.059	85.92	174.14	0.23879	0.41835
72.7	58	5.11	5,012	501,221	0.74887	79.969	86.135	174.21	0.23922	0.4182
73.7	59	5.18	5,081	508,116	0.739	79.88	86.348	174.27	0.23965	0.41805
74.7	60	5.25	5,150	515,011	0.7294	79.791	86.558	174.34	0.24007	0.41791
75.7	61	5.32	5,219	521,906	0.72004	79.704	86.767	174.4	0.24049	0.41776
76.7	62	5.39	5,288	528,800	0.71091	79.617	86.974	174.46	0.2409	0.41762
77.7	63	5.46	5,357	535,695	0.702	79.53	87.179	174.53	0.24131	0.41748
78.7	64	5.53	5,426	542,590	0.69332	79.445	87.382	174.59	0.24171	0.41734
79.7	65	5.60	5,495	549,485	0.68484	79.36	87.584	174.65	0.24211	0.41721
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor
80.7	66	5.67	5,564	556,379	0.67657	79.275	87.784	174.71	0.24251	0.41707
81.7	67	5.74	5,633	563,274	0.66849	79.192	87.982	174.76	0.2429	0.41694
82.7	68	5.81	5,702	570,169	0.6606	79.108	88.179	174.82	0.24329	0.41681
83.7	69	5.88	5,771	577,064	0.65289	79.026	88.374	174.88	0.24367	0.41668
84.7	70	5.95	5,840	583,958	0.64536	78.944	88.567	174.93	0.24405	0.41655
85.7	71	6.03	5,909	590,853	0.63799	78.863	88.759	174.99	0.24443	0.41642
86.7	72	6.10	5,978	597,748	0.63079	78.782	88.95	175.04	0.2448	0.4163
87.7	73	6.17	6,046	604,643	0.62375	78.701	89.139	175.1	0.24517	0.41618
88.7	74	6.24	6,115	611,537	0.61685	78.622	89.326	175.15	0.24554	0.41605
89.7	75	6.31	6,184	618,432	0.61011	78.542	89.512	175.2	0.2459	0.41593
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor
90.7	76	6.38	6,253	625,327	0.60351	78.464	89.697	175.26	0.24626	0.41581
91.7	77	6.45	6,322	632,222	0.59705	78.385	89.88	175.31	0.24662	0.41569
92.7	78	6.52	6,391	639,116	0.59072	78.308	90.062	175.36	0.24698	0.41558
93.7	79	6.59	6,460	646,011	0.58452	78.23	90.243	175.41	0.24733	0.41546
94.7	80	6.66	6,529	652,906	0.57845	78.153	90.422	175.46	0.24767	0.41535
95.7	81	6.73	6,598	659,801	0.57249	78.077	90.601	175.51	0.24802	0.41523
96.7	82	6.80	6,667	666,695	0.56666	78.001	90.778	175.55	0.24836	0.41512
97.7	83	6.87	6,736	673,590	0.56094	77.926	90.953	175.6	0.2487	0.41501
98.7	84	6.94	6,805	680,485	0.55534	77.851	91.128	175.65	0.24904	0.4149
99.7	85	7.01	6,874	687,380	0.54984	77.776	91.301	175.7	0.24937	0.41479

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
100. 7	86	7.08	6,943	694,302	0.54444	77.702	91.474	175.74	0.24971	0.41468
101. 7	87	7.15	7,012	701,197	0.53915	77.628	91.645	175.79	0.25003	0.41457
102. 7	88	7.22	7,081	708,092	0.53396	77.555	91.815	175.83	0.25036	0.41447
103. 7	89	7.29	7,150	714,986	0.52886	77.482	91.984	175.88	0.25068	0.41436
104. 7	90	7.36	7,219	721,881	0.52386	77.409	92.151	175.92	0.25101	0.41426
105. 7	91	7.43	7,288	728,776	0.51895	77.337	92.318	175.96	0.25133	0.41415
106. 7	92	7.50	7,357	735,671	0.51412	77.265	92.484	176.01	0.25164	0.41405
107. 7	93	7.57	7,426	742,565	0.50938	77.194	92.649	176.05	0.25196	0.41395
108. 7	94	7.64	7,495	749,460	0.50473	77.123	92.813	176.09	0.25227	0.41385
109. 7	95	7.71	7,564	756,355	0.50016	77.052	92.975	176.13	0.25258	0.41375
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor
110. 7	96	7.78	7,633	763,250	0.49566	76.982	93.137	176.17	0.25289	0.41365
111. 7	97	7.85	7,701	770,144	0.49125	76.912	93.298	176.21	0.25319	0.41355
112. 7	98	7.92	7,770	777,039	0.48691	76.842	93.458	176.25	0.2535	0.41345
113. 7	99	7.99	7,839	783,934	0.48264	76.773	93.617	176.29	0.2538	0.41336
114. 7	100	8.06	7,908	790,829	0.47844	76.704	93.775	176.33	0.2541	0.41326
115. 7	101	8.13	7,977	797,723	0.47432	76.635	93.932	176.37	0.25439	0.41317
116. 7	102	8.20	8,046	804,618	0.47026	76.566	94.088	176.41	0.25469	0.41307
117. 7	103	8.28	8,115	811,513	0.46627	76.498	94.244	176.45	0.25498	0.41298
118. 7	104	8.35	8,184	818,408	0.46234	76.431	94.398	176.49	0.25527	0.41288
119. 7	105	8.42	8,253	825,302	0.45847	76.363	94.552	176.52	0.25556	0.41279
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor
120. 7	106	8.49	8,322	832,197	0.45467	76.296	94.705	176.56	0.25585	0.4127
121. 7	107	8.56	8,391	839,092	0.45093	76.229	94.857	176.6	0.25614	0.41261
122. 7	108	8.63	8,460	845,987	0.44724	76.163	95.009	176.63	0.25642	0.41252
123. 7	109	8.70	8,529	852,881	0.44362	76.096	95.159	176.67	0.2567	0.41243
124. 7	110	8.77	8,598	859,776	0.44004	76.03	95.309	176.7	0.25698	0.41234
125. 7	111	8.84	8,667	866,671	0.43653	75.965	95.458	176.74	0.25726	0.41225
126. 7	112	8.91	8,736	873,566	0.43306	75.899	95.606	176.77	0.25754	0.41216
127. 7	113	8.98	8,805	880,461	0.42965	75.834	95.753	176.81	0.25782	0.41208
128. 7	114	9.05	8,874	887,355	0.42629	75.769	95.9	176.84	0.25809	0.41199
129. 7	115	9.12	8,943	894,250	0.42298	75.704	96.046	176.87	0.25836	0.41191
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
130.7	116	9.19	9,011	901,145	0.41972	75.64	96.191	176.91	0.25863	0.41182
131.7	117	9.26	9,080	908,040	0.4165	75.576	96.336	176.94	0.2589	0.41173
132.7	118	9.33	9,149	914,934	0.41333	75.512	96.48	176.97	0.25917	0.41165
133.7	119	9.40	9,218	921,829	0.41021	75.448	96.623	177	0.25943	0.41157
134.7	120	9.47	9,287	928,724	0.40713	75.385	96.765	177.04	0.2597	0.41148
135.7	121	9.54	9,356	935,619	0.4041	75.322	96.907	177.07	0.25996	0.4114
136.7	122	9.61	9,425	942,513	0.40111	75.259	97.048	177.1	0.26022	0.41132
137.7	123	9.68	9,494	949,408	0.39815	75.196	97.189	177.13	0.26048	0.41124
138.7	124	9.75	9,563	956,303	0.39524	75.133	97.329	177.16	0.26074	0.41116
139.7	125	9.82	9,632	963,198	0.39237	75.071	97.468	177.19	0.261	0.41108
140.7	126	9.89	9,701	970,092	0.38954	75.009	97.606	177.22	0.26125	0.411
<hr/>										
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor
141.7	127	9.96	9,770	976,987	0.38675	74.947	97.744	177.25	0.26151	0.41092
142.7	128	10.03	9,839	983,882	0.384	74.886	97.882	177.28	0.26176	0.41084
143.7	129	10.10	9,908	990,777	0.38128	74.824	98.018	177.31	0.26201	0.41076
144.7	130	10.17	9,977	997,671	0.3786	74.763	98.154	177.34	0.26226	0.41068
145.7	131	10.24	10,046	1,004,566	0.37595	74.702	98.29	177.36	0.26251	0.4106
146.7	132	10.31	10,115	1,011,461	0.37334	74.641	98.425	177.39	0.26276	0.41052
147.7	133	10.38	10,184	1,018,356	0.37076	74.581	98.559	177.42	0.263	0.41045
148.7	134	10.45	10,253	1,025,250	0.36821	74.52	98.693	177.45	0.26325	0.41037
149.7	135	10.52	10,322	1,032,145	0.3657	74.46	98.826	177.47	0.26349	0.4103
150.7	136	10.60	10,390	1,039,040	0.36322	74.4	98.959	177.5	0.26374	0.41022
<hr/>										
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor
151.7	137	10.67	10,459	1,045,935	0.36077	74.34	99.091	177.53	0.26398	0.41014
152.7	138	10.74	10,528	1,052,829	0.35835	74.281	99.223	177.55	0.26422	0.41007
153.7	139	10.81	10,597	1,059,724	0.35597	74.221	99.354	177.58	0.26446	0.40999
154.7	140	10.88	10,666	1,066,619	0.35361	74.162	99.484	177.61	0.26469	0.40992
155.7	141	10.95	10,735	1,073,514	0.35128	74.103	99.614	177.63	0.26493	0.40985
156.7	142	11.02	10,804	1,080,408	0.34898	74.044	99.744	177.66	0.26517	0.40977
157.7	143	11.09	10,873	1,087,303	0.3467	73.986	99.873	177.68	0.2654	0.4097
158.7	144	11.16	10,942	1,094,198	0.34446	73.927	100	177.71	0.26563	0.40963
159.7	145	11.23	11,011	1,101,093	0.34224	73.869	100.13	177.73	0.26587	0.40956
160.7	146	11.30	11,080	1,107,987	0.34005	73.811	100.26	177.76	0.2661	0.40948

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
161.7	147	11.37	11,149	1,114,882	0.33788	73.752	100.38	177.78	0.26633	0.40941
162.7	148	11.44	11,218	1,121,777	0.33574	73.695	100.51	177.8	0.26656	0.40934
163.7	149	11.51	11,287	1,128,672	0.33362	73.637	100.64	177.83	0.26678	0.40927
164.7	150	11.58	11,356	1,135,567	0.33153	73.579	100.76	177.85	0.26701	0.4092
165.7	151	11.65	11,425	1,142,461	0.32946	73.522	100.89	177.87	0.26724	0.40913
166.7	152	11.72	11,494	1,149,356	0.32742	73.465	101.01	177.9	0.26746	0.40906
167.7	153	11.79	11,563	1,156,251	0.3254	73.408	101.14	177.92	0.26768	0.40899
168.7	154	11.86	11,632	1,163,146	0.3234	73.351	101.26	177.94	0.26791	0.40892
169.7	155	11.93	11,700	1,170,040	0.32143	73.294	101.38	177.96	0.26813	0.40885
170.7	156	12.00	11,769	1,176,935	0.31948	73.238	101.51	177.99	0.26835	0.40878
171.7	157	12.07	11,838	1,183,830	0.31755	73.181	101.63	178.01	0.26857	0.40871
172.7	158	12.14	11,907	1,190,725	0.31564	73.125	101.75	178.03	0.26879	0.40865
173.7	159	12.21	11,976	1,197,619	0.31375	73.069	101.87	178.05	0.26901	0.40858
174.7	160	12.28	12,045	1,204,514	0.31188	73.013	101.99	178.07	0.26922	0.40851
175.7	161	12.35	12,114	1,211,409	0.31003	72.957	102.11	178.09	0.26944	0.40844
176.7	162	12.42	12,183	1,218,304	0.30821	72.901	102.23	178.11	0.26965	0.40838
177.7	163	12.49	12,252	1,225,198	0.3064	72.846	102.35	178.13	0.26987	0.40831
178.7	164	12.56	12,321	1,232,093	0.30461	72.79	102.47	178.15	0.27008	0.40824
179.7	165	12.63	12,390	1,238,988	0.30284	72.735	102.59	178.17	0.27029	0.40818
180.7	166	12.70	12,459	1,245,883	0.30109	72.68	102.71	178.19	0.27051	0.40811
181.7	167	12.77	12,528	1,252,777	0.29936	72.625	102.83	178.21	0.27072	0.40805
182.7	168	12.85	12,597	1,259,672	0.29765	72.57	102.95	178.23	0.27093	0.40798
183.7	169	12.92	12,666	1,266,567	0.29595	72.515	103.06	178.25	0.27113	0.40792
184.7	170	12.99	12,735	1,273,462	0.29427	72.46	103.18	178.27	0.27134	0.40785
185.7	171	13.06	12,804	1,280,356	0.29261	72.406	103.3	178.29	0.27155	0.40779
186.7	172	13.13	12,873	1,287,251	0.29097	72.351	103.41	178.31	0.27176	0.40772
187.7	173	13.20	12,942	1,294,146	0.28934	72.297	103.53	178.33	0.27196	0.40766
188.7	174	13.27	13,010	1,301,041	0.28773	72.243	103.65	178.34	0.27217	0.40759
189.7	175	13.34	13,079	1,307,935	0.28613	72.189	103.76	178.36	0.27237	0.40753
190.7	176	13.41	13,148	1,314,830	0.28456	72.135	103.88	178.38	0.27257	0.40747

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
191.7	177	13.48	13,217	1,321,725	0.28299	72.081	103.99	178.4	0.27278	0.4074
192.7	178	13.55	13,286	1,328,620	0.28145	72.027	104.1	178.42	0.27298	0.40734
193.7	179	13.62	13,355	1,335,514	0.27991	71.974	104.22	178.43	0.27318	0.40728
194.7	180	13.69	13,424	1,342,409	0.2784	71.92	104.33	178.45	0.27338	0.40721
195.7	181	13.76	13,493	1,349,304	0.27689	71.867	104.44	178.47	0.27358	0.40715
196.7	182	13.83	13,562	1,356,199	0.27541	71.814	104.56	178.48	0.27378	0.40709
197.7	183	13.90	13,631	1,363,094	0.27393	71.761	104.67	178.5	0.27398	0.40703
198.7	184	13.97	13,700	1,369,988	0.27247	71.708	104.78	178.52	0.27417	0.40697
199.7	185	14.04	13,769	1,376,883	0.27103	71.655	104.89	178.53	0.27437	0.4069
200.7	186	14.11	13,838	1,383,778	0.2696	71.602	105.01	178.55	0.27457	0.40684
201.7	187	14.18	13,907	1,390,673	0.26818	71.549	105.12	178.56	0.27476	0.40678
202.7	188	14.25	13,976	1,397,567	0.26677	71.497	105.23	178.58	0.27496	0.40672
203.7	189	14.32	14,045	1,404,462	0.26538	71.444	105.34	178.59	0.27515	0.40666
204.7	190	14.39	14,114	1,411,357	0.264	71.392	105.45	178.61	0.27534	0.4066
205.7	191	14.46	14,183	1,418,252	0.26264	71.339	105.56	178.62	0.27554	0.40654
206.7	192	14.53	14,252	1,425,146	0.26129	71.287	105.67	178.64	0.27573	0.40648
207.7	193	14.60	14,320	1,432,041	0.25995	71.235	105.78	178.65	0.27592	0.40642
208.7	194	14.67	14,389	1,438,936	0.25862	71.183	105.89	178.67	0.27611	0.40636
209.7	195	14.74	14,458	1,445,831	0.2573	71.131	105.99	178.68	0.2763	0.4063
210.7	196	14.81	14,527	1,452,725	0.256	71.079	106.1	178.7	0.27649	0.40624
211.7	197	14.88	14,596	1,459,620	0.2547	71.028	106.21	178.71	0.27668	0.40618
212.7	198	14.95	14,665	1,466,515	0.25342	70.976	106.32	178.73	0.27686	0.40612
213.7	199	15.02	14,734	1,473,410	0.25215	70.925	106.43	178.74	0.27705	0.40606
214.7	200	15.09	14,803	1,480,304	0.25089	70.873	106.53	178.75	0.27724	0.406
215.7	201	15.17	14,872	1,487,199	0.24965	70.822	106.64	178.77	0.27742	0.40595
216.7	202	15.24	14,941	1,494,094	0.24841	70.77	106.75	178.78	0.27761	0.40589
217.7	203	15.31	15,010	1,500,989	0.24719	70.719	106.85	178.79	0.27779	0.40583
218.7	204	15.38	15,079	1,507,883	0.24597	70.668	106.96	178.81	0.27798	0.40577
219.7	205	15.45	15,148	1,514,778	0.24477	70.617	107.06	178.82	0.27816	0.40571
220.7	206	15.52	15,217	1,521,673	0.24357	70.566	107.17	178.83	0.27834	0.40565

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
221.7	207	15.59	15,286	1,528,568	0.24239	70.515	107.27	178.84	0.27853	0.4056
222.7	208	15.66	15,355	1,535,462	0.24122	70.465	107.38	178.86	0.27871	0.40554
223.7	209	15.73	15,424	1,542,357	0.24005	70.414	107.48	178.87	0.27889	0.40548
224.7	210	15.80	15,493	1,549,252	0.2389	70.363	107.59	178.88	0.27907	0.40542
225.7	211	15.87	15,562	1,556,147	0.23775	70.313	107.69	178.89	0.27925	0.40537
226.7	212	15.94	15,630	1,563,041	0.23662	70.262	107.8	178.9	0.27943	0.40531
227.7	213	16.01	15,699	1,569,936	0.23549	70.212	107.9	178.91	0.27961	0.40525
228.7	214	16.08	15,768	1,576,831	0.23438	70.162	108	178.93	0.27979	0.4052
229.7	215	16.15	15,837	1,583,726	0.23327	70.111	108.11	178.94	0.27996	0.40514
230.7	216	16.22	15,906	1,590,621	0.23218	70.061	108.21	178.95	0.28014	0.40508
231.7	217	16.29	15,975	1,597,515	0.23109	70.011	108.31	178.96	0.28032	0.40503
232.7	218	16.36	16,044	1,604,410	0.23001	69.961	108.41	178.97	0.28049	0.40497
233.7	219	16.43	16,113	1,611,305	0.22894	69.911	108.52	178.98	0.28067	0.40491
234.7	220	16.50	16,182	1,618,200	0.22788	69.862	108.62	178.99	0.28084	0.40486
235.7	221	16.57	16,251	1,625,094	0.22682	69.812	108.72	179	0.28102	0.4048
236.7	222	16.64	16,320	1,631,989	0.22578	69.762	108.82	179.01	0.28119	0.40475
237.7	223	16.71	16,389	1,638,884	0.22474	69.712	108.92	179.02	0.28137	0.40469
238.7	224	16.78	16,458	1,645,779	0.22371	69.663	109.02	179.03	0.28154	0.40463
239.7	225	16.85	16,527	1,652,673	0.22269	69.613	109.12	179.04	0.28171	0.40458
240.7	226	16.92	16,596	1,659,568	0.22168	69.564	109.22	179.05	0.28188	0.40452
241.7	227	16.99	16,665	1,666,463	0.22068	69.515	109.32	179.06	0.28206	0.40447
242.7	228	17.06	16,734	1,673,358	0.21968	69.465	109.42	179.07	0.28223	0.40441
243.7	229	17.13	16,803	1,680,252	0.21869	69.416	109.52	179.08	0.2824	0.40436
244.7	230	17.20	16,872	1,687,147	0.21771	69.367	109.62	179.09	0.28257	0.4043
245.7	231	17.27	16,940	1,694,042	0.21674	69.318	109.72	179.1	0.28274	0.40425
246.7	232	17.34	17,009	1,700,937	0.21577	69.269	109.82	179.11	0.28291	0.40419
247.7	233	17.42	17,078	1,707,831	0.21482	69.22	109.92	179.12	0.28308	0.40414
248.7	234	17.49	17,147	1,714,726	0.21386	69.171	110.02	179.12	0.28324	0.40409
249.7	235	17.56	17,216	1,721,621	0.21292	69.122	110.12	179.13	0.28341	0.40403
250.7	236	17.63	17,285	1,728,516	0.21198	69.073	110.22	179.14	0.28358	0.40398

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
251.7	237	17.70	17,354	1,735,410	0.21105	69.024	110.31	179.15	0.28375	0.40392
252.7	238	17.77	17,423	1,742,305	0.21013	68.976	110.41	179.16	0.28391	0.40387
253.7	239	17.84	17,492	1,749,200	0.20922	68.927	110.51	179.16	0.28408	0.40381
254.7	240	17.91	17,561	1,756,095	0.20831	68.878	110.61	179.17	0.28424	0.40376
255.7	241	17.98	17,630	1,762,989	0.2074	68.83	110.7	179.18	0.28441	0.40371
256.7	242	18.05	17,699	1,769,884	0.20651	68.781	110.8	179.19	0.28457	0.40365
257.7	243	18.12	17,768	1,776,779	0.20562	68.733	110.9	179.19	0.28474	0.4036
258.7	244	18.19	17,837	1,783,674	0.20474	68.685	110.99	179.2	0.2849	0.40355
259.7	245	18.26	17,906	1,790,568	0.20386	68.636	111.09	179.21	0.28506	0.40349
260.7	246	18.33	17,975	1,797,463	0.20299	68.588	111.19	179.22	0.28523	0.40344
261.7	247	18.40	18,044	1,804,358	0.20213	68.54	111.28	179.22	0.28539	0.40339
262.7	248	18.47	18,113	1,811,253	0.20127	68.492	111.38	179.23	0.28555	0.40333
263.7	249	18.54	18,182	1,818,147	0.20042	68.444	111.47	179.24	0.28571	0.40328
264.7	250	18.61	18,250	1,825,042	0.19958	68.396	111.57	179.24	0.28587	0.40323
265.7	251	18.68	18,319	1,831,937	0.19874	68.348	111.67	179.25	0.28603	0.40317
266.7	252	18.75	18,388	1,838,832	0.1979	68.3	111.76	179.26	0.28619	0.40312
267.7	253	18.82	18,457	1,845,727	0.19708	68.252	111.86	179.26	0.28635	0.40307
268.7	254	18.89	18,526	1,852,621	0.19626	68.204	111.95	179.27	0.28651	0.40302
269.7	255	18.96	18,595	1,859,516	0.19544	68.156	112.04	179.27	0.28667	0.40296
270.7	256	19.03	18,664	1,866,411	0.19463	68.108	112.14	179.28	0.28683	0.40291
271.7	257	19.10	18,733	1,873,306	0.19383	68.061	112.23	179.28	0.28699	0.40286
272.7	258	19.17	18,802	1,880,200	0.19303	68.013	112.33	179.29	0.28715	0.40281
273.7	259	19.24	18,871	1,887,095	0.19223	67.965	112.42	179.3	0.2873	0.40275
274.7	260	19.31	18,940	1,893,990	0.19145	67.918	112.51	179.3	0.28746	0.4027
275.7	261	19.38	19,009	1,900,885	0.19066	67.87	112.61	179.31	0.28762	0.40265
276.7	262	19.45	19,078	1,907,779	0.18989	67.823	112.7	179.31	0.28778	0.4026
277.7	263	19.52	19,147	1,914,674	0.18911	67.775	112.79	179.32	0.28793	0.40254
278.7	264	19.59	19,216	1,921,569	0.18835	67.728	112.89	179.32	0.28809	0.40249
279.7	265	19.66	19,285	1,928,464	0.18759	67.681	112.98	179.32	0.28824	0.40244
280.7	266	19.74	19,354	1,935,358	0.18683	67.633	113.07	179.33	0.2884	0.40239

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
281.7	267	19.81	19,423	1,942,253	0.18608	67.586	113.16	179.33	0.28855	0.40234
282.7	268	19.88	19,492	1,949,148	0.18533	67.539	113.26	179.34	0.28871	0.40228
283.7	269	19.95	19,560	1,956,043	0.18459	67.492	113.35	179.34	0.28886	0.40223
284.7	270	20.02	19,629	1,962,937	0.18386	67.444	113.44	179.35	0.28901	0.40218
285.7	271	20.09	19,698	1,969,832	0.18312	67.397	113.53	179.35	0.28917	0.40213
286.7	272	20.16	19,767	1,976,727	0.1824	67.35	113.62	179.35	0.28932	0.40208
287.7	273	20.23	19,836	1,983,622	0.18168	67.303	113.72	179.36	0.28947	0.40203
288.7	274	20.30	19,905	1,990,516	0.18096	67.256	113.81	179.36	0.28962	0.40198
289.7	275	20.37	19,974	1,997,411	0.18025	67.209	113.9	179.36	0.28978	0.40192
290.7	276	20.44	20,043	2,004,306	0.17954	67.162	113.99	179.37	0.28993	0.40187
291.7	277	20.51	20,112	2,011,201	0.17883	67.115	114.08	179.37	0.29008	0.40182
292.7	278	20.58	20,181	2,018,095	0.17814	67.068	114.17	179.37	0.29023	0.40177
293.7	279	20.65	20,250	2,024,990	0.17744	67.021	114.26	179.38	0.29038	0.40172
294.7	280	20.72	20,319	2,031,885	0.17675	66.975	114.35	179.38	0.29053	0.40167
295.7	281	20.79	20,388	2,038,780	0.17607	66.928	114.44	179.38	0.29068	0.40162
296.7	282	20.86	20,457	2,045,674	0.17538	66.881	114.53	179.38	0.29083	0.40157
297.7	283	20.93	20,526	2,052,569	0.17471	66.834	114.62	179.39	0.29098	0.40151
298.7	284	21.00	20,595	2,059,464	0.17403	66.788	114.71	179.39	0.29113	0.40146
299.7	285	21.07	20,664	2,066,359	0.17337	66.741	114.8	179.39	0.29127	0.40141
300.7	286	21.14	20,733	2,073,254	0.1727	66.694	114.89	179.39	0.29142	0.40136
301.7	287	21.21	20,802	2,080,148	0.17204	66.648	114.98	179.4	0.29157	0.40131
302.7	288	21.28	20,870	2,087,043	0.17138	66.601	115.07	179.4	0.29172	0.40126
303.7	289	21.35	20,939	2,093,938	0.17073	66.555	115.16	179.4	0.29186	0.40121
304.7	290	21.42	21,008	2,100,833	0.17008	66.508	115.25	179.4	0.29201	0.40116
305.7	291	21.49	21,077	2,107,727	0.16944	66.462	115.33	179.4	0.29216	0.40111
306.7	292	21.56	21,146	2,114,622	0.1688	66.415	115.42	179.41	0.2923	0.40106
307.7	293	21.63	21,215	2,121,517	0.16816	66.369	115.51	179.41	0.29245	0.40101
308.7	294	21.70	21,284	2,128,412	0.16753	66.322	115.6	179.41	0.2926	0.40096
309.7	295	21.77	21,353	2,135,306	0.1669	66.276	115.69	179.41	0.29274	0.4009
310.7	296	21.84	21,422	2,142,201	0.16628	66.23	115.78	179.41	0.29289	0.40085

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
311.7	297	21.91	21,491	2,149,096	0.16566	66.183	115.86	179.41	0.29303	0.4008
312.7	298	21.98	21,560	2,155,991	0.16504	66.137	115.95	179.41	0.29318	0.40075
313.7	299	22.06	21,629	2,162,885	0.16443	66.091	116.04	179.41	0.29332	0.4007
314.7	300	22.13	21,698	2,169,780	0.16381	66.044	116.13	179.41	0.29346	0.40065
315.7	301	22.20	21,767	2,176,675	0.16321	65.998	116.21	179.41	0.29361	0.4006
316.7	302	22.27	21,836	2,183,570	0.16261	65.952	116.3	179.41	0.29375	0.40055
317.7	303	22.34	21,905	2,190,464	0.16201	65.906	116.39	179.41	0.29389	0.4005
318.7	304	22.41	21,974	2,197,359	0.16141	65.86	116.48	179.41	0.29404	0.40045
319.7	305	22.48	22,043	2,204,254	0.16082	65.813	116.56	179.41	0.29418	0.4004
320.7	306	22.55	22,112	2,211,149	0.16023	65.767	116.65	179.41	0.29432	0.40035
321.7	307	22.62	22,180	2,218,043	0.15964	65.721	116.74	179.41	0.29446	0.4003
322.7	308	22.69	22,249	2,224,938	0.15906	65.675	116.82	179.41	0.2946	0.40025
323.7	309	22.76	22,318	2,231,833	0.15848	65.629	116.91	179.41	0.29475	0.4002
324.7	310	22.83	22,387	2,238,728	0.15791	65.583	116.99	179.41	0.29489	0.40015
325.7	311	22.90	22,456	2,245,622	0.15733	65.537	117.08	179.41	0.29503	0.4001
326.7	312	22.97	22,525	2,252,517	0.15676	65.491	117.17	179.41	0.29517	0.40005
327.7	313	23.04	22,594	2,259,412	0.1562	65.445	117.25	179.41	0.29531	0.4
328.7	314	23.11	22,663	2,266,307	0.15564	65.399	117.34	179.41	0.29545	0.39995
329.7	315	23.18	22,732	2,273,201	0.15508	65.353	117.42	179.41	0.29559	0.3999
330.7	316	23.25	22,801	2,280,096	0.15452	65.307	117.51	179.41	0.29573	0.39985
331.7	317	23.32	22,870	2,286,991	0.15397	65.261	117.59	179.41	0.29587	0.3998
332.7	318	23.39	22,939	2,293,886	0.15342	65.215	117.68	179.41	0.29601	0.39975
333.7	319	23.46	23,008	2,300,781	0.15287	65.169	117.77	179.4	0.29614	0.3997
334.7	320	23.53	23,077	2,307,675	0.15233	65.123	117.85	179.4	0.29628	0.39965
335.7	321	23.60	23,146	2,314,570	0.15178	65.077	117.94	179.4	0.29642	0.3996
336.7	322	23.67	23,215	2,321,465	0.15125	65.031	118.02	179.4	0.29656	0.39955
337.7	323	23.74	23,284	2,328,360	0.15071	64.985	118.11	179.4	0.2967	0.3995
338.7	324	23.81	23,353	2,335,254	0.15018	64.94	118.19	179.4	0.29683	0.39945
339.7	325	23.88	23,422	2,342,149	0.14965	64.894	118.27	179.39	0.29697	0.3994
340.7	326	23.95	23,490	2,349,044	0.14912	64.848	118.36	179.39	0.29711	0.39935

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
341.7	327	24.02	23,559	2,355,939	0.1486	64.802	118.44	179.39	0.29725	0.3993
342.7	328	24.09	23,628	2,362,833	0.14808	64.756	118.53	179.39	0.29738	0.39925
343.7	329	24.16	23,697	2,369,728	0.14756	64.711	118.61	179.38	0.29752	0.3992
344.7	330	24.23	23,766	2,376,623	0.14705	64.665	118.7	179.38	0.29766	0.39915
345.7	331	24.31	23,835	2,383,518	0.14653	64.619	118.78	179.38	0.29779	0.3991
346.7	332	24.38	23,904	2,390,412	0.14602	64.573	118.86	179.38	0.29793	0.39905
347.7	333	24.45	23,973	2,397,307	0.14552	64.527	118.95	179.37	0.29806	0.399
348.7	334	24.52	24,042	2,404,202	0.14501	64.482	119.03	179.37	0.2982	0.39895
349.7	335	24.59	24,111	2,411,097	0.14451	64.436	119.11	179.37	0.29833	0.3989
350.7	336	24.66	24,180	2,417,991	0.14401	64.39	119.2	179.36	0.29847	0.39885
351.7	337	24.73	24,249	2,424,886	0.14351	64.344	119.28	179.36	0.2986	0.3988
352.7	338	24.80	24,318	2,431,781	0.14302	64.299	119.36	179.36	0.29874	0.39875
353.7	339	24.87	24,387	2,438,676	0.14253	64.253	119.45	179.35	0.29887	0.3987
354.7	340	24.94	24,456	2,445,570	0.14204	64.207	119.53	179.35	0.299	0.39865
355.7	341	25.01	24,525	2,452,465	0.14155	64.162	119.61	179.35	0.29914	0.3986
356.7	342	25.08	24,594	2,459,360	0.14107	64.116	119.7	179.34	0.29927	0.39855
357.7	343	25.15	24,663	2,466,255	0.14059	64.07	119.78	179.34	0.2994	0.3985
358.7	344	25.22	24,732	2,473,149	0.14011	64.024	119.86	179.33	0.29954	0.39845
359.7	345	25.29	24,800	2,480,044	0.13963	63.979	119.94	179.33	0.29967	0.3984
360.7	346	25.36	24,869	2,486,939	0.13916	63.933	120.03	179.33	0.2998	0.39835
361.7	347	25.43	24,938	2,493,834	0.13869	63.887	120.11	179.32	0.29993	0.3983
362.7	348	25.50	25,007	2,500,728	0.13822	63.842	120.19	179.32	0.30007	0.39825
363.7	349	25.57	25,076	2,507,623	0.13775	63.796	120.27	179.31	0.3002	0.3982
364.7	350	25.64	25,145	2,514,518	0.13729	63.75	120.36	179.31	0.30033	0.39815
365.7	351	25.71	25,214	2,521,413	0.13683	63.704	120.44	179.3	0.30046	0.3981
366.7	352	25.78	25,283	2,528,307	0.13637	63.659	120.52	179.3	0.30059	0.39805
367.7	353	25.85	25,352	2,535,202	0.13591	63.613	120.6	179.29	0.30073	0.398
368.7	354	25.92	25,421	2,542,097	0.13545	63.567	120.68	179.29	0.30086	0.39795
369.7	355	25.99	25,490	2,548,992	0.135	63.522	120.76	179.28	0.30099	0.3979
370.7	356	26.06	25,559	2,555,887	0.13455	63.476	120.85	179.28	0.30112	0.39785

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
371.7	357	26.13	25,628	2,562,781	0.1341	63.43	120.93	179.27	0.30125	0.3978
372.7	358	26.20	25,697	2,569,676	0.13365	63.385	121.01	179.27	0.30138	0.39775
373.7	359	26.27	25,766	2,576,571	0.13321	63.339	121.09	179.26	0.30151	0.3977
374.7	360	26.34	25,835	2,583,466	0.13277	63.293	121.17	179.25	0.30164	0.39765
375.7	361	26.41	25,904	2,590,360	0.13233	63.247	121.25	179.25	0.30177	0.3976
376.7	362	26.48	25,973	2,597,255	0.13189	63.202	121.33	179.24	0.3019	0.39755
377.7	363	26.55	26,042	2,604,150	0.13145	63.156	121.41	179.24	0.30203	0.3975
378.7	364	26.63	26,110	2,611,045	0.13102	63.11	121.5	179.23	0.30216	0.39745
379.7	365	26.70	26,179	2,617,939	0.13059	63.065	121.58	179.22	0.30228	0.3974
380.7	366	26.77	26,248	2,624,834	0.13016	63.019	121.66	179.22	0.30241	0.39734
381.7	367	26.84	26,317	2,631,729	0.12973	62.973	121.74	179.21	0.30254	0.39729
382.7	368	26.91	26,386	2,638,624	0.1293	62.927	121.82	179.2	0.30267	0.39724
383.7	369	26.98	26,455	2,645,518	0.12888	62.882	121.9	179.2	0.3028	0.39719
384.7	370	27.05	26,524	2,652,413	0.12846	62.836	121.98	179.19	0.30293	0.39714
385.7	371	27.12	26,593	2,659,308	0.12804	62.79	122.06	179.18	0.30305	0.39709
386.7	372	27.19	26,662	2,666,203	0.12762	62.744	122.14	179.18	0.30318	0.39704
387.7	373	27.26	26,731	2,673,097	0.12721	62.698	122.22	179.17	0.30331	0.39699
388.7	374	27.33	26,800	2,679,992	0.12679	62.653	122.3	179.16	0.30344	0.39694
389.7	375	27.40	26,869	2,686,887	0.12638	62.607	122.38	179.16	0.30356	0.39689
390.7	376	27.47	26,938	2,693,782	0.12597	62.561	122.46	179.15	0.30369	0.39684
391.7	377	27.54	27,007	2,700,676	0.12556	62.515	122.54	179.14	0.30382	0.39679
392.7	378	27.61	27,076	2,707,571	0.12516	62.469	122.62	179.13	0.30394	0.39674
393.7	379	27.68	27,145	2,714,466	0.12475	62.423	122.7	179.13	0.30407	0.39669
394.7	380	27.75	27,214	2,721,361	0.12435	62.378	122.78	179.12	0.3042	0.39664
395.7	381	27.82	27,283	2,728,255	0.12395	62.332	122.86	179.11	0.30432	0.39659
396.7	382	27.89	27,352	2,735,150	0.12355	62.286	122.94	179.1	0.30445	0.39654
397.7	383	27.96	27,420	2,742,045	0.12315	62.24	123.02	179.09	0.30458	0.39648
398.7	384	28.03	27,489	2,748,940	0.12276	62.194	123.1	179.09	0.3047	0.39643
399.7	385	28.10	27,558	2,755,834	0.12236	62.148	123.18	179.08	0.30483	0.39638
400.7	386	28.17	27,627	2,762,729	0.12197	62.102	123.26	179.07	0.30495	0.39633

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
401.7	387	28.24	27,696	2,769,624	0.12158	62.056	123.34	179.06	0.30508	0.39628
402.7	388	28.31	27,765	2,776,519	0.12119	62.01	123.42	179.05	0.3052	0.39623
403.7	389	28.38	27,834	2,783,414	0.12081	61.964	123.5	179.04	0.30533	0.39618
404.7	390	28.45	27,903	2,790,308	0.12042	61.918	123.58	179.03	0.30545	0.39613
405.7	391	28.52	27,972	2,797,203	0.12004	61.872	123.65	179.02	0.30558	0.39608
406.7	392	28.59	28,041	2,804,098	0.11966	61.826	123.73	179.01	0.3057	0.39603
407.7	393	28.66	28,110	2,810,993	0.11928	61.78	123.81	179.01	0.30583	0.39597
408.7	394	28.73	28,179	2,817,887	0.1189	61.734	123.89	179	0.30595	0.39592
409.7	395	28.80	28,248	2,824,782	0.11852	61.688	123.97	178.99	0.30607	0.39587
410.7	396	28.88	28,317	2,831,677	0.11815	61.642	124.05	178.98	0.3062	0.39582
411.7	397	28.95	28,386	2,838,572	0.11777	61.596	124.13	178.97	0.30632	0.39577
412.7	398	29.02	28,455	2,845,466	0.1174	61.549	124.21	178.96	0.30645	0.39572
413.7	399	29.09	28,524	2,852,361	0.11703	61.503	124.29	178.95	0.30657	0.39567
414.7	400	29.16	28,593	2,859,256	0.11666	61.457	124.36	178.94	0.30669	0.39561
415.7	401	29.23	28,662	2,866,151	0.11629	61.411	124.44	178.93	0.30682	0.39556
416.7	402	29.30	28,731	2,873,045	0.11593	61.365	124.52	178.92	0.30694	0.39551
417.7	403	29.37	28,799	2,879,940	0.11556	61.318	124.6	178.91	0.30706	0.39546
418.7	404	29.44	28,868	2,886,835	0.1152	61.272	124.68	178.9	0.30718	0.39541
419.7	405	29.51	28,937	2,893,730	0.11484	61.226	124.76	178.89	0.30731	0.39536
420.7	406	29.58	29,006	2,900,624	0.11448	61.179	124.83	178.88	0.30743	0.3953
421.7	407	29.65	29,075	2,907,519	0.11412	61.133	124.91	178.86	0.30755	0.39525
422.7	408	29.72	29,144	2,914,414	0.11377	61.087	124.99	178.85	0.30767	0.3952
423.7	409	29.79	29,213	2,921,309	0.11341	61.04	125.07	178.84	0.3078	0.39515
424.7	410	29.86	29,282	2,928,203	0.11306	60.994	125.15	178.83	0.30792	0.3951
425.7	411	29.93	29,351	2,935,098	0.11271	60.947	125.22	178.82	0.30804	0.39504
426.7	412	30.00	29,420	2,941,993	0.11235	60.901	125.3	178.81	0.30816	0.39499
427.7	413	30.07	29,489	2,948,888	0.11201	60.854	125.38	178.8	0.30828	0.39494
428.7	414	30.14	29,558	2,955,782	0.11166	60.808	125.46	178.79	0.30841	0.39489
429.7	415	30.21	29,627	2,962,677	0.11131	60.761	125.54	178.77	0.30853	0.39483
430.7	416	30.28	29,696	2,969,572	0.11097	60.714	125.61	178.76	0.30865	0.39478

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor
431.7	417	30.35	29,765	2,976,467	0.11062	60.668	125.69	178.75	0.30877	0.39473
432.7	418	30.42	29,834	2,983,361	0.11028	60.621	125.77	178.74	0.30889	0.39468
433.7	419	30.49	29,903	2,990,256	0.10994	60.575	125.85	178.73	0.30901	0.39462
434.7	420	30.56	29,972	2,997,151	0.1096	60.528	125.93	178.71	0.30913	0.39457
435.7	421	30.63	30,041	3,004,046	0.10926	60.481	126	178.7	0.30925	0.39452
436.7	422	30.70	30,109	3,010,941	0.10892	60.434	126.08	178.69	0.30937	0.39447
437.7	423	30.77	30,178	3,017,835	0.10859	60.387	126.16	178.68	0.3095	0.39441
438.7	424	30.84	30,247	3,024,730	0.10825	60.341	126.24	178.66	0.30962	0.39436
439.7	425	30.91	30,316	3,031,625	0.10792	60.294	126.31	178.65	0.30974	0.39431
440.7	426	30.98	30,385	3,038,520	0.10759	60.247	126.39	178.64	0.30986	0.39425
441.7	427	31.05	30,454	3,045,414	0.10726	60.2	126.47	178.63	0.30998	0.3942
442.7	428	31.12	30,523	3,052,309	0.10693	60.153	126.54	178.61	0.3101	0.39415
443.7	429	31.20	30,592	3,059,204	0.1066	60.106	126.62	178.6	0.31022	0.39409
444.7	430	31.27	30,661	3,066,099	0.10628	60.059	126.7	178.59	0.31034	0.39404
445.7	431	31.34	30,730	3,072,993	0.10595	60.012	126.78	178.57	0.31046	0.39399
446.7	432	31.41	30,799	3,079,888	0.10563	59.965	126.85	178.56	0.31058	0.39393
447.7	433	31.48	30,868	3,086,783	0.1053	59.917	126.93	178.55	0.3107	0.39388
448.7	434	31.55	30,937	3,093,678	0.10498	59.87	127.01	178.53	0.31081	0.39383
449.7	435	31.62	31,006	3,100,572	0.10466	59.823	127.09	178.52	0.31093	0.39377
450.7	436	31.69	31,075	3,107,467	0.10434	59.776	127.16	178.5	0.31105	0.39372
451.7	437	31.76	31,144	3,114,362	0.10402	59.728	127.24	178.49	0.31117	0.39366
452.7	438	31.83	31,213	3,121,257	0.10371	59.681	127.32	178.48	0.31129	0.39361
453.7	439	31.90	31,282	3,128,151	0.10339	59.634	127.39	178.46	0.31141	0.39356
454.7	440	31.97	31,351	3,135,046	0.10308	59.586	127.47	178.45	0.31153	0.3935
455.7	441	32.04	31,419	3,141,941	0.10276	59.539	127.55	178.43	0.31165	0.39345
456.7	442	32.11	31,488	3,148,836	0.10245	59.491	127.62	178.42	0.31177	0.39339
457.7	443	32.18	31,557	3,155,730	0.10214	59.444	127.7	178.4	0.31188	0.39334
458.7	444	32.25	31,626	3,162,625	0.10183	59.396	127.78	178.39	0.312	0.39328
459.7	445	32.32	31,695	3,169,520	0.10152	59.348	127.85	178.37	0.31212	0.39323
460.7	446	32.39	31,764	3,176,415	0.10121	59.301	127.93	178.36	0.31224	0.39318

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor
461.7	447	32.46	31,833	3,183,309	0.10091	59.253	128.01	178.34	0.31236	0.39312
462.7	448	32.53	31,902	3,190,204	0.1006	59.205	128.08	178.33	0.31248	0.39307
463.7	449	32.60	31,971	3,197,099	0.1003	59.157	128.16	178.31	0.31259	0.39301
464.7	450	32.67	32,040	3,203,994	0.099994	59.109	128.24	178.29	0.31271	0.39296
465.7	451	32.74	32,109	3,210,888	0.099692	59.061	128.31	178.28	0.31283	0.3929
466.7	452	32.81	32,178	3,217,783	0.09939	59.013	128.39	178.26	0.31295	0.39285
467.7	453	32.88	32,247	3,224,678	0.09909	58.965	128.47	178.25	0.31307	0.39279
468.7	454	32.95	32,316	3,231,573	0.098791	58.917	128.54	178.23	0.31318	0.39273
469.7	455	33.02	32,385	3,238,468	0.098493	58.869	128.62	178.21	0.3133	0.39268
470.7	456	33.09	32,454	3,245,362	0.098196	58.821	128.7	178.2	0.31342	0.39262
471.7	457	33.16	32,523	3,252,257	0.097901	58.773	128.77	178.18	0.31354	0.39257
472.7	458	33.23	32,592	3,259,152	0.097606	58.724	128.85	178.16	0.31365	0.39251
473.7	459	33.30	32,661	3,266,047	0.097312	58.676	128.93	178.15	0.31377	0.39246
474.7	460	33.37	32,729	3,272,941	0.097019	58.628	129	178.13	0.31389	0.3924
475.7	461	33.45	32,798	3,279,836	0.096727	58.579	129.08	178.11	0.31401	0.39234
476.7	462	33.52	32,867	3,286,731	0.096436	58.531	129.16	178.09	0.31412	0.39229
477.7	463	33.59	32,936	3,293,626	0.096146	58.482	129.23	178.08	0.31424	0.39223
478.7	464	33.66	33,005	3,300,520	0.095858	58.434	129.31	178.06	0.31436	0.39217
479.7	465	33.73	33,074	3,307,415	0.09557	58.385	129.39	178.04	0.31447	0.39212
480.7	466	33.80	33,143	3,314,310	0.095283	58.336	129.46	178.02	0.31459	0.39206
481.7	467	33.87	33,212	3,321,205	0.094997	58.287	129.54	178.01	0.31471	0.392
482.7	468	33.94	33,281	3,328,099	0.094712	58.239	129.62	177.99	0.31482	0.39195
483.7	469	34.01	33,350	3,334,994	0.094428	58.19	129.69	177.97	0.31494	0.39189
484.7	470	34.08	33,419	3,341,889	0.094145	58.141	129.77	177.95	0.31506	0.39183
485.7	471	34.15	33,488	3,348,784	0.093862	58.092	129.84	177.93	0.31517	0.39178
486.7	472	34.22	33,557	3,355,678	0.093581	58.043	129.92	177.91	0.31529	0.39172
487.7	473	34.29	33,626	3,362,573	0.093301	57.993	130	177.9	0.31541	0.39166
488.7	474	34.36	33,695	3,369,468	0.093021	57.944	130.07	177.88	0.31552	0.3916
489.7	475	34.43	33,764	3,376,363	0.092743	57.895	130.15	177.86	0.31564	0.39155
490.7	476	34.50	33,833	3,383,257	0.092465	57.846	130.23	177.84	0.31576	0.39149

Refrigerant R-22 Pressure - Enthalpy chart

PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume ft³/lbm	Liquid Density lbm/ft³	Enthalpy Liquid Btu/lbm	Enthalpy Vapor Btu/lbm	Entropy Liquid Btu/lbm°R	Entropy Vapor Btu/lbm°R
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor
491. 7	477	34.57	33,902	3,390,152	0.092188	57.796	130.3	177.82	0.31587	0.39143
492. 7	478	34.64	33,971	3,397,047	0.091913	57.747	130.38	177.8	0.31599	0.39137
493. 7	479	34.71	34,039	3,403,942	0.091638	57.697	130.46	177.78	0.3161	0.39131
494. 7	480	34.78	34,108	3,410,836	0.091364	57.648	130.53	177.76	0.31622	0.39126
495. 7	481	34.85	34,177	3,417,731	0.09109	57.598	130.61	177.74	0.31634	0.3912
496. 7	482	34.92	34,246	3,424,626	0.090818	57.548	130.68	177.72	0.31645	0.39114
497. 7	483	34.99	34,315	3,431,521	0.090546	57.498	130.76	177.7	0.31657	0.39108
498. 7	484	35.06	34,384	3,438,415	0.090276	57.449	130.84	177.68	0.31669	0.39102
499. 7	485	35.13	34,453	3,445,310	0.090006	57.399	130.91	177.66	0.3168	0.39096
500. 7	486	35.20	34,522	3,452,205	0.089737	57.349	130.99	177.64	0.31692	0.3909
PSIA	PSIG	KG/CM2	Mbar	Pascals	Vapor Volume	Liquid Density	Enthalpy Liquid	Enthalpy Vapor	Entropy Liquid	Entropy Vapor