

R 236fa

1,1,1,3,3,3-Hexafluoropropane



Saturated Pressure Table

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temperature [°C]	pressure [bar]	density [kg/m ³]		enthalpy [kJ/kg]		entropy [J/kg*K]	
		liquid	vapour	liquid	vapour	liquid	vapour
-20,0	0,438	1502,4	3,244	176,31	344,77	0,9101	1,5755
-19,0	0,460	1499,4	3,397	177,48	345,46	0,9147	1,5757
-18,0	0,483	1496,4	3,556	178,66	346,15	0,9193	1,5758
-17,0	0,506	1493,4	3,721	179,84	346,85	0,9239	1,5759
-16,0	0,531	1490,4	3,892	181,01	347,54	0,9285	1,5761
-15,0	0,557	1487,4	4,069	182,19	348,24	0,9331	1,5763
-14,0	0,584	1484,4	4,253	183,37	348,93	0,9376	1,5765
-13,0	0,612	1481,4	4,442	184,55	349,63	0,9422	1,5767
-12,0	0,640	1478,4	4,639	185,73	350,32	0,9467	1,5769
-11,0	0,670	1475,4	4,843	186,92	351,01	0,9512	1,5772
-10,0	0,701	1472,3	5,053	188,10	351,71	0,9557	1,5774
-9,0	0,733	1469,3	5,271	189,28	352,40	0,9602	1,5777
-8,0	0,766	1466,2	5,496	190,47	353,10	0,9647	1,5780
-7,0	0,801	1463,1	5,728	191,66	353,79	0,9691	1,5783
-6,0	0,837	1460,1	5,968	192,84	354,48	0,9736	1,5786
-5,0	0,873	1457,0	6,217	194,03	355,18	0,9780	1,5789
-4,0	0,912	1453,9	6,473	195,22	355,87	0,9824	1,5793
-3,0	0,951	1450,8	6,737	196,42	356,56	0,9868	1,5796
-2,0	0,992	1447,7	7,010	197,61	357,25	0,9912	1,5800
-1,0	1,034	1444,6	7,292	198,80	357,95	0,9956	1,5804
0,0	1,078	1441,4	7,582	200,00	358,64	1,0000	1,5808
1,0	1,123	1438,3	7,882	201,20	359,33	1,0044	1,5812
2,0	1,169	1435,2	8,191	202,40	360,02	1,0087	1,5816
3,0	1,217	1432,0	8,509	203,60	360,71	1,0131	1,5820
4,0	1,266	1428,8	8,837	204,80	361,40	1,0174	1,5824
5,0	1,317	1425,7	9,175	206,00	362,09	1,0217	1,5829
6,0	1,370	1422,5	9,523	207,20	362,78	1,0260	1,5833
7,0	1,424	1419,3	9,881	208,41	363,46	1,0303	1,5838
8,0	1,480	1416,1	10,25	209,62	364,15	1,0346	1,5843
9,0	1,538	1412,9	10,63	210,83	364,84	1,0389	1,5847
10,0	1,597	1409,6	11,02	212,04	365,53	1,0432	1,5852
11,0	1,658	1406,4	11,42	213,25	366,21	1,0474	1,5857
12,0	1,721	1403,1	11,84	214,46	366,90	1,0517	1,5862
13,0	1,786	1399,9	12,26	215,68	367,58	1,0559	1,5867
14,0	1,853	1396,6	12,70	216,90	368,26	1,0601	1,5873
15,0	1,921	1393,3	13,15	218,12	368,95	1,0644	1,5878
16,0	1,992	1390,0	13,61	219,34	369,63	1,0686	1,5883
17,0	2,064	1386,7	14,09	220,56	370,31	1,0728	1,5889
18,0	2,138	1383,4	14,58	221,79	370,99	1,0770	1,5894
19,0	2,215	1380,1	15,08	223,01	371,67	1,0812	1,5900
20,0	2,294	1376,7	15,59	224,24	372,34	1,0853	1,5905

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Saturated Pressure Table

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temperature [°C]	pressure [bar]	density [kg/m ³]		enthalpy [kJ/kg]		entropy [J/kg*K]	
		liquid	vapour	liquid	vapour	liquid	vapour
21,0	2,374	1373,3	16,12	225,47	373,02	1,0895	1,5911
22,0	2,457	1370,0	16,67	226,70	373,70	1,0937	1,5917
23,0	2,542	1366,6	17,23	227,94	374,37	1,0978	1,5923
24,0	2,630	1363,2	17,80	229,17	375,04	1,1020	1,5929
25,0	2,719	1359,8	18,39	230,41	375,72	1,1061	1,5934
26,0	2,812	1356,3	18,99	231,65	376,39	1,1102	1,5940
27,0	2,906	1352,9	19,61	232,90	377,06	1,1144	1,5946
28,0	3,003	1349,4	20,25	234,14	377,72	1,1185	1,5953
29,0	3,102	1345,9	20,90	235,39	378,39	1,1226	1,5959
30,0	3,204	1342,4	21,57	236,64	379,05	1,1267	1,5965
31,0	3,308	1338,9	22,26	237,89	379,72	1,1308	1,5971
32,0	3,415	1335,4	22,96	239,14	380,38	1,1349	1,5977
33,0	3,524	1331,8	23,69	240,40	381,04	1,1389	1,5983
34,0	3,636	1328,3	24,43	241,66	381,70	1,1430	1,5990
35,0	3,751	1324,7	25,19	242,92	382,36	1,1471	1,5996
36,0	3,869	1321,1	25,97	244,18	383,01	1,1512	1,6002
37,0	3,989	1317,5	26,76	245,44	383,67	1,1552	1,6009
38,0	4,112	1313,8	27,58	246,71	384,32	1,1593	1,6015
39,0	4,238	1310,2	28,42	247,98	384,97	1,1633	1,6022
40,0	4,367	1306,5	29,28	249,26	385,61	1,1674	1,6028
41,0	4,499	1302,8	30,17	250,53	386,26	1,1714	1,6034
42,0	4,634	1299,1	31,07	251,81	386,90	1,1754	1,6041
43,0	4,772	1295,4	32,00	253,09	387,54	1,1794	1,6047
44,0	4,913	1291,6	32,95	254,38	388,18	1,1835	1,6054
45,0	5,057	1287,8	33,92	255,66	388,82	1,1875	1,6060
46,0	5,205	1284,0	34,92	256,95	389,45	1,1915	1,6067
47,0	5,355	1280,2	35,94	258,24	390,09	1,1955	1,6073
48,0	5,509	1276,3	36,99	259,54	390,71	1,1995	1,6079
49,0	5,667	1272,5	38,06	260,84	391,34	1,2035	1,6086
50,0	5,827	1268,6	39,16	262,14	391,96	1,2075	1,6092
51,0	5,991	1264,6	40,29	263,44	392,58	1,2115	1,6099
52,0	6,159	1260,7	41,45	264,75	393,20	1,2155	1,6105
53,0	6,330	1256,7	42,63	266,06	393,82	1,2194	1,6112
54,0	6,505	1252,7	43,84	267,38	394,43	1,2234	1,6118
55,0	6,683	1248,7	45,08	268,69	395,04	1,2274	1,6124
56,0	6,865	1244,6	46,36	270,01	395,64	1,2314	1,6131
57,0	7,050	1240,5	47,66	271,34	396,25	1,2354	1,6137
58,0	7,240	1236,4	49,00	272,67	396,84	1,2393	1,6143
59,0	7,433	1232,2	50,37	274,00	397,44	1,2433	1,6149
60,0	7,630	1228,0	51,77	275,33	398,03	1,2472	1,6155

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Saturated Pressure Table

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temperature [°C]	pressure [bar]	density [kg/m ³]		enthalpy [kJ/kg]		entropy [J/kg*K]	
		liquid	vapour	liquid	vapour	liquid	vapour
61,0	7,831	1223,8	53,21	276,67	398,62	1,2512	1,6162
62,0	8,036	1219,6	54,68	278,01	399,20	1,2552	1,6168
63,0	8,245	1215,3	56,19	279,36	399,78	1,2591	1,6174
64,0	8,458	1211,0	57,74	280,71	400,36	1,2631	1,6180
65,0	8,676	1206,6	59,33	282,06	400,93	1,2670	1,6186
66,0	8,897	1202,2	60,96	283,42	401,50	1,2710	1,6192
67,0	9,123	1197,7	62,63	284,78	402,06	1,2750	1,6197
68,0	9,353	1193,3	64,34	286,15	402,62	1,2789	1,6203
69,0	9,587	1188,7	66,09	287,52	403,17	1,2829	1,6209
70,0	9,826	1184,2	67,89	288,89	403,72	1,2868	1,6214
71,0	10,07	1179,6	69,74	290,27	404,26	1,2908	1,6220
72,0	10,32	1174,9	71,63	291,66	404,80	1,2947	1,6225
73,0	10,57	1170,2	73,58	293,05	405,33	1,2987	1,6231
74,0	10,83	1165,4	75,57	294,44	405,86	1,3026	1,6236
75,0	11,09	1160,6	77,62	295,84	406,38	1,3066	1,6241
76,0	11,36	1155,8	79,72	297,24	406,89	1,3106	1,6246
77,0	11,63	1150,9	81,88	298,65	407,40	1,3145	1,6251
78,0	11,90	1145,9	84,09	300,07	407,91	1,3185	1,6256
79,0	12,18	1140,9	86,37	301,49	408,40	1,3225	1,6261
80,0	12,47	1135,8	88,71	302,91	408,89	1,3264	1,6265
81,0	12,76	1130,6	91,11	304,35	409,37	1,3304	1,6270
82,0	13,06	1125,4	93,58	305,78	409,84	1,3344	1,6274
83,0	13,36	1120,1	96,12	307,23	410,31	1,3384	1,6278
84,0	13,67	1114,7	98,73	308,68	410,77	1,3424	1,6282
85,0	13,98	1109,3	101,4	310,14	411,22	1,3464	1,6286
86,0	14,30	1103,8	104,2	311,60	411,66	1,3504	1,6290
87,0	14,62	1098,2	107,0	313,07	412,09	1,3544	1,6293
88,0	14,95	1092,6	110,0	314,55	412,51	1,3584	1,6296
89,0	15,28	1086,8	113,0	316,04	412,92	1,3624	1,6299
90,0	15,62	1080,9	116,1	317,53	413,32	1,3665	1,6302
91,0	15,97	1075,0	119,3	319,03	413,71	1,3705	1,6305
92,0	16,32	1069,0	122,6	320,55	414,09	1,3746	1,6307
93,0	16,68	1062,8	126,1	322,07	414,45	1,3786	1,6309
94,0	17,04	1056,5	129,6	323,60	414,80	1,3827	1,6311
95,0	17,41	1050,2	133,3	325,14	415,14	1,3868	1,6313
96,0	17,79	1043,6	137,1	326,68	415,46	1,3909	1,6314
97,0	18,17	1037,0	141,0	328,25	415,77	1,3950	1,6315
98,0	18,56	1030,2	145,0	329,82	416,06	1,3992	1,6315
99,0	18,96	1023,3	149,2	331,40	416,34	1,4033	1,6315
100,0	19,36	1016,2	153,6	333,00	416,59	1,4075	1,6315

temperature [°C]	pressure [bar]	density [kg/m³]		enthalpy [kJ/kg]		entropy [J/kg*K]	
		liquid	vapour	liquid	vapour	liquid	vapour
101,0	19,77	1009,0	158,2	334,61	416,83	1,4117	1,6315
102,0	20,18	1001,5	162,9	336,23	417,05	1,4159	1,6313
103,0	20,61	993,92	167,8	337,87	417,24	1,4202	1,6312
104,0	21,03	986,08	172,9	339,53	417,41	1,4244	1,6310
105,0	21,47	978,02	178,3	341,20	417,56	1,4288	1,6307
106,0	21,92	969,72	183,9	342,89	417,67	1,4331	1,6303
107,0	22,37	961,14	189,7	344,60	417,76	1,4375	1,6299
108,0	22,83	952,28	195,9	346,33	417,81	1,4419	1,6294
109,0	23,29	943,10	202,4	348,09	417,83	1,4464	1,6289
110,0	23,77	933,56	209,2	349,87	417,80	1,4509	1,6282
111,0	24,25	923,63	216,5	351,69	417,74	1,4555	1,6274
112,0	24,74	913,26	224,1	353,53	417,62	1,4602	1,6266
113,0	25,24	902,38	232,3	355,41	417,45	1,4649	1,6256
114,0	25,74	890,95	241,0	357,33	417,22	1,4697	1,6244
115,0	26,26	878,85	250,4	359,29	416,91	1,4746	1,6231
116,0	26,78	865,99	260,6	361,31	416,53	1,4797	1,6216
117,0	27,32	852,23	271,7	363,40	416,04	1,4849	1,6198
118,0	27,86	837,35	283,8	365,55	415,44	1,4902	1,6178
119,0	28,41	821,11	297,4	367,81	414,69	1,4958	1,6154
120,0	28,97	803,08	312,7	370,19	413,76	1,5017	1,6125
121,0	29,55	782,63	330,5	372,73	412,57	1,5080	1,6090
122,0	30,13	758,63	351,9	375,52	411,02	1,5148	1,6047
123,0	30,73	728,71	379,2	378,72	408,88	1,5227	1,5989
124,0	31,34	685,95	419,4	382,83	405,49	1,5329	1,5899

Calculated by Refprop version 10.0

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TEGA – Technische Gase und Gasetechnik GmbH
 Werner-von-Siemens-Straße 18
 97076 Würzburg | Germany
 www.tega.de

Telefon +49 931 2093-0
 Telefax +49 931 2093-101
 Email: info@tega.de

Geschäftsführer: Dr. Jürgen Zöllner
 Sitz: Würzburg - Registergericht: Würzburg, HRB 21
 USt-IdNr.: DE 811145437

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