

SATURATED AMMONIA (Temperature Table)							
		Liquid	Vapor	Liquid	Vapor	Liquid	Vapor
Temp	Pressure	Density	Density	Enthalpy	Enthalpy	Entropy	Entropy
(°C)	(bar)	(kg/m ³)	(kg/m ³)	(kJ/kg)	(kJ/kg)	(kJ/kg-K)	(kJ/kg-K)
2	4.625	635.82	3.71	352.42	1607.51	1.5052	6.0667
3	4.797	634.44	3.84	357.06	1608.54	1.5219	6.0538
4	4.975	633.06	3.98	361.71	1609.55	1.5386	6.0410
5	5.157	631.66	4.11	366.36	1610.55	1.5553	6.0284
6	5.345	630.27	4.26	371.02	1611.53	1.5719	6.0158
7	5.538	628.87	4.40	375.69	1612.49	1.5885	6.0033
8	5.737	627.46	4.55	380.36	1613.43	1.6050	5.9908
9	5.941	626.05	4.71	385.04	1614.36	1.6215	5.9785
10	6.150	624.64	4.87	389.72	1615.27	1.6380	5.9662
11	6.366	623.22	5.03	394.41	1616.16	1.6544	5.9540
12	6.587	621.79	5.20	399.11	1617.03	1.6708	5.9419
13	6.814	620.36	5.37	403.81	1617.88	1.6871	5.9299
14	7.046	618.93	5.55	408.52	1618.72	1.7034	5.9179
15	7.285	617.49	5.73	413.24	1619.53	1.7197	5.9060
16	7.530	616.04	5.91	417.97	1620.33	1.7359	5.8941
17	7.782	614.59	6.10	422.70	1621.10	1.7521	5.8824
18	8.040	613.13	6.30	427.44	1621.86	1.7682	5.8707
19	8.304	611.67	6.50	432.18	1622.60	1.7844	5.8590
20	8.575	610.20	6.70	436.94	1623.31	1.8005	5.8475
21	8.852	608.72	6.91	441.70	1624.01	1.8165	5.8359
22	9.137	607.24	7.13	446.47	1624.68	1.8326	5.8245
23	9.428	605.76	7.35	451.24	1625.34	1.8485	5.8131
24	9.727	604.26	7.58	456.03	1625.97	1.8645	5.8017
25	10.032	602.76	7.81	460.82	1626.59	1.8804	5.7904
26	10.345	601.26	8.04	465.62	1627.18	1.8963	5.7792
27	10.666	599.75	8.29	470.43	1627.75	1.9122	5.7680
28	10.993	598.23	8.54	475.25	1628.29	1.9281	5.7569
29	11.329	596.70	8.79	480.08	1628.82	1.9439	5.7458
30	11.672	595.17	9.05	484.91	1629.32	1.9597	5.7347
31	12.023	593.63	9.32	489.76	1629.80	1.9754	5.7237
32	12.382	592.08	9.59	494.61	1630.26	1.9911	5.7128
33	12.749	590.53	9.88	499.47	1630.70	2.0069	5.7019
34	13.124	588.97	10.16	504.34	1631.11	2.0225	5.6910
35	13.508	587.40	10.46	509.23	1631.49	2.0382	5.6801
36	13.900	585.82	10.76	514.12	1631.86	2.0538	5.6693
37	14.300	584.24	11.07	519.02	1632.20	2.0694	5.6586
38	14.709	582.65	11.38	523.93	1632.51	2.0850	5.6479
39	15.127	581.05	11.70	528.86	1632.80	2.1006	5.6372
40	15.554	579.44	12.03	533.79	1633.06	2.1161	5.6265
41	15.990	577.82	12.37	538.74	1633.30	2.1317	5.6159
42	16.435	576.20	12.72	543.69	1633.51	2.1472	5.6053
43	16.890	574.56	13.07	548.66	1633.70	2.1627	5.5947
44	17.353	572.92	13.43	553.64	1633.86	2.1781	5.5841
45	17.827	571.27	13.80	558.63	1633.99	2.1936	5.5736
46	18.310	569.61	14.18	563.63	1634.09	2.2090	5.5631
47	18.802	567.94	14.57	568.65	1634.17	2.2244	5.5526

48	19.305	566.25	14.97	573.68	1634.22	2.2398	5.5422
49	19.818	564.56	15.37	578.72	1634.24	2.2552	5.5317
50	20.340	562.86	15.79	583.77	1634.23	2.2706	5.5213
51	20.873	561.15	16.21	588.84	1634.19	2.2860	5.5109
52	21.417	559.43	16.64	593.92	1634.12	2.3013	5.5005
53	21.971	557.70	17.09	599.02	1634.02	2.3167	5.4901
54	22.536	555.95	17.54	604.13	1633.89	2.3320	5.4797
55	23.111	554.20	18.01	609.26	1633.73	2.3473	5.4693
56	23.698	552.43	18.48	614.40	1633.53	2.3627	5.4589
57	24.295	550.65	18.97	619.56	1633.30	2.3780	5.4486
58	24.904	548.86	19.46	624.73	1633.04	2.3933	5.4382
59	25.524	547.06	19.97	629.92	1632.75	2.4086	5.4278
60	26.156	545.24	20.49	635.12	1632.42	2.4239	5.4174
61	26.799	543.41	21.03	640.35	1632.06	2.4392	5.4071
62	27.454	541.57	21.57	645.59	1631.66	2.4545	5.3967
63	28.121	539.72	22.13	650.84	1631.22	2.4698	5.3863
64	28.800	537.85	22.70	656.12	1630.75	2.4851	5.3759
65	29.491	535.96	23.28	661.42	1630.24	2.5004	5.3655
66	30.195	534.06	23.88	666.73	1629.69	2.5157	5.3550
67	30.911	532.15	24.49	672.07	1629.10	2.5310	5.3446
68	31.639	530.22	25.11	677.42	1628.47	2.5463	5.3341
69	32.381	528.27	25.75	682.80	1627.81	2.5617	5.3236
70	33.135	526.31	26.41	688.20	1627.09	2.5770	5.3131
71	33.902	524.33	27.08	693.62	1626.34	2.5923	5.3026
72	34.682	522.33	27.76	699.06	1625.54	2.6077	5.2920
73	35.476	520.32	28.47	704.53	1624.70	2.6231	5.2814
74	36.284	518.28	29.19	710.02	1623.81	2.6385	5.2707
75	37.105	516.23	29.92	715.53	1622.88	2.6539	5.2601
76	37.939	514.16	30.68	721.07	1621.90	2.6693	5.2493
77	38.788	512.07	31.45	726.64	1620.86	2.6847	5.2386
78	39.651	509.96	32.24	732.23	1619.78	2.7002	5.2278
79	40.528	507.83	33.06	737.85	1618.65	2.7157	5.2169
80	41.420	505.67	33.89	743.50	1617.46	2.7312	5.2060
81	42.326	503.49	34.74	749.18	1616.22	2.7468	5.1950
82	43.247	501.29	35.62	754.88	1614.93	2.7623	5.1840
83	44.183	499.07	36.51	760.62	1613.57	2.7780	5.1729
84	45.134	496.82	37.43	766.39	1612.16	2.7936	5.1617
85	46.100	494.54	38.38	772.20	1610.69	2.8093	5.1504
86	47.082	492.24	39.34	778.04	1609.15	2.8250	5.1391
87	48.079	489.91	40.34	783.91	1607.55	2.8408	5.1277
88	49.093	487.56	41.36	789.82	1605.88	2.8566	5.1162
89	50.122	485.17	42.41	795.77	1604.15	2.8725	5.1046
90	51.167	482.75	43.48	801.76	1602.34	2.8884	5.0929
91	52.229	480.31	44.59	807.79	1600.46	2.9043	5.0811
92	53.307	477.82	45.73	813.86	1598.51	2.9204	5.0692
93	54.402	475.31	46.90	819.97	1596.47	2.9365	5.0572
94	55.514	472.76	48.10	826.13	1594.36	2.9526	5.0450
95	56.643	470.17	49.34	832.34	1592.16	2.9689	5.0327
96	57.790	467.55	50.61	838.60	1589.87	2.9852	5.0203
97	58.954	464.88	51.93	844.91	1587.50	3.0016	5.0078

98	60.135	462.18	53.28	851.27	1585.03	3.0180	4.9950
99	61.335	459.43	54.68	857.68	1582.46	3.0346	4.9821
100	62.553	456.63	56.12	864.16	1579.79	3.0513	4.9691
101	63.789	453.79	57.60	870.69	1577.01	3.0680	4.9558
102	65.044	450.90	59.14	877.29	1574.12	3.0849	4.9424
103	66.318	447.95	60.72	883.96	1571.11	3.1019	4.9287
104	67.610	444.95	62.36	890.70	1567.98	3.1190	4.9148
105	68.923	441.90	64.06	897.51	1564.72	3.1363	4.9007
106	70.255	438.78	65.82	904.40	1561.33	3.1537	4.8863
107	71.606	435.59	67.65	911.37	1557.79	3.1712	4.8716
108	72.978	432.34	69.54	918.43	1554.10	3.1889	4.8567
109	74.370	429.01	71.50	925.58	1550.25	3.2068	4.8414
110	75.783	425.61	73.55	932.84	1546.23	3.2249	4.8258
111	77.217	422.12	75.68	940.20	1542.03	3.2432	4.8099
112	78.673	418.54	77.90	947.68	1537.64	3.2618	4.7935
113	80.150	414.86	80.22	955.28	1533.04	3.2805	4.7768
114	81.649	411.08	82.64	963.01	1528.21	3.2996	4.7595
115	83.170	407.18	85.18	970.89	1523.15	3.3190	4.7418
116	84.714	403.15	87.85	978.93	1517.82	3.3387	4.7235
117	86.281	398.99	90.65	987.15	1512.22	3.3588	4.7046
118	87.872	394.67	93.61	995.56	1506.30	3.3793	4.6850
119	89.486	390.18	96.75	1004.20	1500.03	3.4003	4.6647
120	91.125	385.49	100.07	1013.08	1493.38	3.4218	4.6435
121	92.789	380.57	103.61	1022.24	1486.31	3.4440	4.6214
122	94.478	375.40	107.40	1031.73	1478.74	3.4669	4.5982
123	96.192	369.93	111.48	1041.61	1470.62	3.4907	4.5737
124	97.934	364.08	115.90	1051.94	1461.84	3.5156	4.5477
125	99.702	357.80	120.73	1062.84	1452.28	3.5417	4.5199
126	101.498	350.95	126.06	1074.44	1441.77	3.5696	4.4899
127	103.323	343.37	132.03	1086.97	1430.06	3.5996	4.4570
128	105.177	334.79	138.85	1100.76	1416.79	3.6327	4.4205
129	107.062	324.74	146.87	1116.42	1401.32	3.6702	4.3787
130	108.977	312.29	156.77	1135.17	1382.47	3.7153	4.3287
131	110.923	295.07	170.15	1160.19	1357.46	3.7757	4.2638
132	112.898	262.70	193.88	1206.17	1314.76	3.8876	4.1556