

Isentropic-flow table ($\gamma = 1.4$):

M	p/p_0	ρ/ρ_0	T/T_0	ν (deg.)	A/A^*
0.0000	1.0000	1.0000	1.0000	n/a	n/a
0.0200	0.9997	0.9998	0.9999	n/a	28.9421
0.0400	0.9989	0.9992	0.9997	n/a	14.4815
0.0600	0.9975	0.9982	0.9993	n/a	9.6659
0.0800	0.9955	0.9968	0.9987	n/a	7.2616
0.1000	0.9930	0.9950	0.9980	n/a	5.8218
0.1200	0.9900	0.9928	0.9971	n/a	4.8643
0.1400	0.9864	0.9903	0.9961	n/a	4.1824
0.1600	0.9823	0.9873	0.9949	n/a	3.6727
0.1800	0.9776	0.9840	0.9936	n/a	3.2779
0.2000	0.9725	0.9803	0.9921	n/a	2.9635
0.2200	0.9668	0.9762	0.9904	n/a	2.7076
0.2400	0.9607	0.9718	0.9886	n/a	2.4956
0.2600	0.9541	0.9670	0.9867	n/a	2.3173
0.2800	0.9470	0.9619	0.9846	n/a	2.1656
0.3000	0.9395	0.9564	0.9823	n/a	2.0351
0.3200	0.9315	0.9506	0.9799	n/a	1.9219
0.3400	0.9231	0.9445	0.9774	n/a	1.8229
0.3600	0.9143	0.9380	0.9747	n/a	1.7358
0.3800	0.9052	0.9313	0.9719	n/a	1.6587
0.4000	0.8956	0.9243	0.9690	n/a	1.5901
0.4200	0.8857	0.9170	0.9659	n/a	1.5289
0.4400	0.8755	0.9094	0.9627	n/a	1.4740
0.4600	0.8650	0.9016	0.9594	n/a	1.4246
0.4800	0.8541	0.8935	0.9559	n/a	1.3801
0.5000	0.8430	0.8852	0.9524	n/a	1.3398
0.5200	0.8317	0.8766	0.9487	n/a	1.3034
0.5400	0.8201	0.8679	0.9449	n/a	1.2703
0.5600	0.8082	0.8589	0.9410	n/a	1.2403
0.5800	0.7962	0.8498	0.9370	n/a	1.2130
0.6000	0.7840	0.8405	0.9328	n/a	1.1882
0.6200	0.7716	0.8310	0.9286	n/a	1.1656
0.6400	0.7591	0.8213	0.9243	n/a	1.1451
0.6600	0.7465	0.8115	0.9199	n/a	1.1265
0.6800	0.7338	0.8016	0.9153	n/a	1.1097
0.7000	0.7209	0.7916	0.9107	n/a	1.0944
0.7200	0.7080	0.7814	0.9061	n/a	1.0806
0.7400	0.6951	0.7712	0.9013	n/a	1.0681
0.7600	0.6821	0.7609	0.8964	n/a	1.0570
0.7800	0.6691	0.7505	0.8915	n/a	1.0471
0.8000	0.6560	0.7400	0.8865	n/a	1.0382
0.8200	0.6430	0.7295	0.8815	n/a	1.0305
0.8400	0.6300	0.7189	0.8763	n/a	1.0237
0.8600	0.6170	0.7083	0.8711	n/a	1.0179
0.8800	0.6041	0.6977	0.8659	n/a	1.0129
0.9000	0.5913	0.6870	0.8606	n/a	1.0089
0.9200	0.5785	0.6764	0.8552	n/a	1.0056
0.9400	0.5658	0.6658	0.8498	n/a	1.0031
0.9600	0.5532	0.6551	0.8444	n/a	1.0014
0.9800	0.5407	0.6445	0.8389	n/a	1.0003

Isentropic-flow table ($\gamma = 1.4$):

M	p/p_0	ρ/ρ_0	T/T_0	ν (deg.)	A/A^*
1.0000	0.5283	0.6339	0.8333	0.0000	1.0000
1.0200	0.5160	0.6234	0.8278	0.1257	1.0003
1.0400	0.5039	0.6129	0.8222	0.3510	1.0013
1.0600	0.4919	0.6024	0.8165	0.6367	1.0029
1.0800	0.4800	0.5920	0.8108	0.9680	1.0051
1.1000	0.4684	0.5817	0.8052	1.3362	1.0079
1.1200	0.4568	0.5714	0.7994	1.7350	1.0113
1.1400	0.4455	0.5612	0.7937	2.1600	1.0153
1.1600	0.4343	0.5511	0.7879	2.6073	1.0198
1.1800	0.4232	0.5411	0.7822	3.0743	1.0248
1.2000	0.4124	0.5311	0.7764	3.5582	1.0304
1.2200	0.4017	0.5213	0.7706	4.0572	1.0366
1.2400	0.3912	0.5115	0.7648	4.5694	1.0432
1.2600	0.3809	0.5019	0.7590	5.0931	1.0504
1.2800	0.3708	0.4923	0.7532	5.6272	1.0581
1.3000	0.3609	0.4829	0.7474	6.1703	1.0663
1.3200	0.3512	0.4736	0.7416	6.7213	1.0750
1.3400	0.3417	0.4644	0.7358	7.2794	1.0842
1.3600	0.3323	0.4553	0.7300	7.8435	1.0940
1.3800	0.3232	0.4463	0.7242	8.4130	1.1042
1.4000	0.3142	0.4374	0.7184	8.9870	1.1149
1.4200	0.3055	0.4287	0.7126	9.5650	1.1262
1.4400	0.2969	0.4201	0.7069	10.1464	1.1379
1.4600	0.2886	0.4116	0.7011	10.7305	1.1501
1.4800	0.2804	0.4032	0.6954	11.3169	1.1629
1.5000	0.2724	0.3950	0.6897	11.9052	1.1762
1.5200	0.2646	0.3869	0.6840	12.4949	1.1899
1.5400	0.2570	0.3789	0.6783	13.0856	1.2042
1.5600	0.2496	0.3710	0.6726	13.6770	1.2190
1.5800	0.2423	0.3633	0.6670	14.2686	1.2344
1.6000	0.2353	0.3557	0.6614	14.8604	1.2502
1.6200	0.2284	0.3483	0.6558	15.4518	1.2666
1.6400	0.2217	0.3409	0.6502	16.0427	1.2836
1.6600	0.2151	0.3337	0.6447	16.6328	1.3010
1.6800	0.2088	0.3266	0.6392	17.2220	1.3190
1.7000	0.2026	0.3197	0.6337	17.8099	1.3376
1.7200	0.1966	0.3129	0.6283	18.3964	1.3567
1.7400	0.1907	0.3062	0.6229	18.9814	1.3764
1.7600	0.1850	0.2996	0.6175	19.5646	1.3967
1.7800	0.1794	0.2931	0.6121	20.1458	1.4175
1.8000	0.1740	0.2868	0.6068	20.7251	1.4390
1.8200	0.1688	0.2806	0.6015	21.3021	1.4610
1.8400	0.1637	0.2745	0.5963	21.8768	1.4836
1.8600	0.1587	0.2686	0.5910	22.4492	1.5069
1.8800	0.1539	0.2627	0.5859	23.0190	1.5308
1.9000	0.1492	0.2570	0.5807	23.5861	1.5553
1.9200	0.1447	0.2514	0.5756	24.1506	1.5804
1.9400	0.1403	0.2459	0.5705	24.7123	1.6062
1.9600	0.1360	0.2405	0.5655	25.2711	1.6326
1.9800	0.1318	0.2352	0.5605	25.8269	1.6597

Isentropic-flow table ($\gamma = 1.4$):

M	p/p_0	ρ/ρ_0	T/T_0	ν (deg.)	A/A^*
2.0000	0.1278	0.2300	0.5556	26.3798	1.6875
2.0200	0.1239	0.2250	0.5506	26.9295	1.7160
2.0400	0.1201	0.2200	0.5458	27.4762	1.7451
2.0600	0.1164	0.2152	0.5409	28.0197	1.7750
2.0800	0.1128	0.2104	0.5361	28.5600	1.8056
2.1000	0.1094	0.2058	0.5313	29.0971	1.8369
2.1200	0.1060	0.2013	0.5266	29.6308	1.8690
2.1400	0.1027	0.1968	0.5219	30.1613	1.9018
2.1600	0.0996	0.1925	0.5173	30.6884	1.9354
2.1800	0.0965	0.1882	0.5127	31.2121	1.9698
2.2000	0.0935	0.1841	0.5081	31.7325	2.0050
2.2200	0.0906	0.1800	0.5036	32.2494	2.0409
2.2400	0.0878	0.1760	0.4991	32.7629	2.0777
2.2600	0.0851	0.1721	0.4947	33.2730	2.1153
2.2800	0.0825	0.1683	0.4903	33.7796	2.1538
2.3000	0.0800	0.1646	0.4859	34.2828	2.1931
2.3200	0.0775	0.1609	0.4816	34.7825	2.2333
2.3400	0.0751	0.1574	0.4773	35.2787	2.2744
2.3600	0.0728	0.1539	0.4731	35.7715	2.3164
2.3800	0.0706	0.1505	0.4688	36.2607	2.3593
2.4000	0.0684	0.1472	0.4647	36.7465	2.4031
2.4200	0.0663	0.1439	0.4606	37.2289	2.4479
2.4400	0.0643	0.1408	0.4565	37.7077	2.4936
2.4600	0.0623	0.1377	0.4524	38.1831	2.5403
2.4800	0.0604	0.1346	0.4484	38.6551	2.5880
2.5000	0.0585	0.1317	0.4444	39.1236	2.6367
2.5200	0.0567	0.1288	0.4405	39.5886	2.6865
2.5400	0.0550	0.1260	0.4366	40.0503	2.7372
2.5600	0.0533	0.1232	0.4328	40.5085	2.7891
2.5800	0.0517	0.1205	0.4289	40.9633	2.8420
2.6000	0.0501	0.1179	0.4252	41.4147	2.8960
2.6200	0.0486	0.1153	0.4214	41.8628	2.9511
2.6400	0.0471	0.1128	0.4177	42.3074	3.0073
2.6600	0.0457	0.1103	0.4141	42.7488	3.0647
2.6800	0.0443	0.1079	0.4104	43.1868	3.1233
2.7000	0.0430	0.1056	0.4068	43.6215	3.1830
2.7200	0.0417	0.1033	0.4033	44.0529	3.2440
2.7400	0.0404	0.1010	0.3998	44.4810	3.3061
2.7600	0.0392	0.0989	0.3963	44.9059	3.3695
2.7800	0.0380	0.0967	0.3928	45.3275	3.4342
2.8000	0.0368	0.0946	0.3894	45.7459	3.5001
2.8200	0.0357	0.0926	0.3860	46.1611	3.5674
2.8400	0.0347	0.0906	0.3827	46.5731	3.6359
2.8600	0.0336	0.0886	0.3794	46.9820	3.7058
2.8800	0.0326	0.0867	0.3761	47.3877	3.7771
2.9000	0.0317	0.0849	0.3729	47.7903	3.8498
2.9200	0.0307	0.0831	0.3696	48.1898	3.9238
2.9400	0.0298	0.0813	0.3665	48.5863	3.9993
2.9600	0.0289	0.0796	0.3633	48.9796	4.0763
2.9800	0.0281	0.0779	0.3602	49.3700	4.1547

Isentropic-flow table ($\gamma = 1.4$):

M	p/p_0	ρ/ρ_0	T/T_0	ν (deg.)	A/A^*
3.0000	0.0272	0.0762	0.3571	49.7573	4.2346
3.0200	0.0264	0.0746	0.3541	50.1417	4.3160
3.0400	0.0256	0.0730	0.3511	50.5231	4.3989
3.0600	0.0249	0.0715	0.3481	50.9016	4.4835
3.0800	0.0242	0.0700	0.3452	51.2771	4.5696
3.1000	0.0234	0.0685	0.3422	51.6497	4.6573
3.1200	0.0228	0.0671	0.3393	52.0195	4.7467
3.1400	0.0221	0.0657	0.3365	52.3864	4.8377
3.1600	0.0215	0.0643	0.3337	52.7505	4.9304
3.1800	0.0208	0.0630	0.3309	53.1118	5.0248
3.2000	0.0202	0.0617	0.3281	53.4703	5.1210
3.2200	0.0196	0.0604	0.3253	53.8261	5.2189
3.2400	0.0191	0.0591	0.3226	54.1791	5.3186
3.2600	0.0185	0.0579	0.3199	54.5294	5.4201
3.2800	0.0180	0.0567	0.3173	54.8770	5.5234
3.3000	0.0175	0.0555	0.3147	55.2220	5.6286
3.3200	0.0170	0.0544	0.3121	55.5643	5.7358
3.3400	0.0165	0.0533	0.3095	55.9040	5.8448
3.3600	0.0160	0.0522	0.3069	56.2411	5.9558
3.3800	0.0156	0.0511	0.3044	56.5756	6.0687
3.4000	0.0151	0.0501	0.3019	56.9075	6.1837
3.4200	0.0147	0.0491	0.2995	57.2369	6.3007
3.4400	0.0143	0.0481	0.2970	57.5639	6.4198
3.4600	0.0139	0.0471	0.2946	57.8883	6.5409
3.4800	0.0135	0.0462	0.2922	58.2102	6.6642
3.5000	0.0131	0.0452	0.2899	58.5298	6.7896
3.5200	0.0127	0.0443	0.2875	58.8469	6.9172
3.5400	0.0124	0.0434	0.2852	59.1616	7.0471
3.5600	0.0120	0.0426	0.2829	59.4739	7.1791
3.5800	0.0117	0.0417	0.2806	59.7838	7.3135
3.6000	0.0114	0.0409	0.2784	60.0915	7.4501
3.6200	0.0111	0.0401	0.2762	60.3968	7.5891
3.6400	0.0108	0.0393	0.2740	60.6998	7.7305
3.6600	0.0105	0.0385	0.2718	61.0005	7.8742
3.6800	0.0102	0.0378	0.2697	61.2990	8.0204
3.7000	0.0099	0.0370	0.2675	61.5953	8.1691
3.7200	0.0096	0.0363	0.2654	61.8893	8.3202
3.7400	0.0094	0.0356	0.2633	62.1812	8.4739
3.7600	0.0091	0.0349	0.2613	62.4709	8.6302
3.7800	0.0089	0.0342	0.2592	62.7584	8.7891
3.8000	0.0086	0.0335	0.2572	63.0438	8.9506
3.8200	0.0084	0.0329	0.2552	63.3271	9.1148
3.8400	0.0082	0.0323	0.2532	63.6083	9.2817
3.8600	0.0080	0.0316	0.2513	63.8874	9.4513
3.8800	0.0077	0.0310	0.2493	64.1645	9.6237
3.9000	0.0075	0.0304	0.2474	64.4395	9.7990
3.9200	0.0073	0.0299	0.2455	64.7125	9.9771
3.9400	0.0071	0.0293	0.2436	64.9836	10.1581
3.9600	0.0069	0.0287	0.2418	65.2526	10.3420
3.9800	0.0068	0.0282	0.2399	65.5197	10.5289

Isentropic-flow table ($\gamma = 1.4$):

M	p/p_0	ρ/ρ_0	T/T_0	ν (deg.)	A/A^*
4.0000	0.0066	0.0277	0.2381	65.7848	10.7188
4.0200	0.0064	0.0271	0.2363	66.0480	10.9117
4.0400	0.0062	0.0266	0.2345	66.3093	11.1077
4.0600	0.0061	0.0261	0.2327	66.5688	11.3068
4.0800	0.0059	0.0256	0.2310	66.8263	11.5091
4.1000	0.0058	0.0252	0.2293	67.0820	11.7147
4.1200	0.0056	0.0247	0.2275	67.3359	11.9234
4.1400	0.0055	0.0242	0.2258	67.5879	12.1354
4.1600	0.0053	0.0238	0.2242	67.8381	12.3508
4.1800	0.0052	0.0234	0.2225	68.0866	12.5695
4.2000	0.0051	0.0229	0.2208	68.3332	12.7916
4.2200	0.0049	0.0225	0.2192	68.5782	13.0172
4.2400	0.0048	0.0221	0.2176	68.8213	13.2463
4.2600	0.0047	0.0217	0.2160	69.0628	13.4789
4.2800	0.0046	0.0213	0.2144	69.3026	13.7151
4.3000	0.0044	0.0209	0.2129	69.5406	13.9549
4.3200	0.0043	0.0205	0.2113	69.7770	14.1984
4.3400	0.0042	0.0202	0.2098	70.0118	14.4456
4.3600	0.0041	0.0198	0.2083	70.2449	14.6965
4.3800	0.0040	0.0194	0.2067	70.4763	14.9513
4.4000	0.0039	0.0191	0.2053	70.7062	15.2099
4.4200	0.0038	0.0187	0.2038	70.9344	15.4724
4.4400	0.0037	0.0184	0.2023	71.1611	15.7388
4.4600	0.0036	0.0181	0.2009	71.3862	16.0092
4.4800	0.0035	0.0178	0.1994	71.6097	16.2837
4.5000	0.0035	0.0174	0.1980	71.8317	16.5622
4.5200	0.0034	0.0171	0.1966	72.0522	16.8449
4.5400	0.0033	0.0168	0.1952	72.2712	17.1317
4.5600	0.0032	0.0165	0.1938	72.4887	17.4228
4.5800	0.0031	0.0163	0.1925	72.7046	17.7181
4.6000	0.0031	0.0160	0.1911	72.9192	18.0178
4.6200	0.0030	0.0157	0.1898	73.1322	18.3218
4.6400	0.0029	0.0154	0.1885	73.3438	18.6303
4.6600	0.0028	0.0152	0.1872	73.5540	18.9433
4.6800	0.0028	0.0149	0.1859	73.7628	19.2608
4.7000	0.0027	0.0146	0.1846	73.9701	19.5828
4.7200	0.0026	0.0144	0.1833	74.1761	19.9095
4.7400	0.0026	0.0141	0.1820	74.3807	20.2409
4.7600	0.0025	0.0139	0.1808	74.5839	20.5770
4.7800	0.0025	0.0137	0.1795	74.7858	20.9179
4.8000	0.0024	0.0134	0.1783	74.9863	21.2637
4.8200	0.0023	0.0132	0.1771	75.1855	21.6144
4.8400	0.0023	0.0130	0.1759	75.3833	21.9700
4.8600	0.0022	0.0128	0.1747	75.5799	22.3306
4.8800	0.0022	0.0125	0.1735	75.7752	22.6963
4.9000	0.0021	0.0123	0.1724	75.9691	23.0671
4.9200	0.0021	0.0121	0.1712	76.1619	23.4431
4.9400	0.0020	0.0119	0.1700	76.3533	23.8243
4.9600	0.0020	0.0117	0.1689	76.5435	24.2109
4.9800	0.0019	0.0115	0.1678	76.7325	24.6027

Isentropic-flow table ($\gamma = 1.4$):

M	p/p_0	ρ/ρ_0	T/T_0	ν (deg.)	A/A^*
5.0000	0.0019	0.0113	0.1667	76.9202	25.0000
5.0200	0.0018	0.0112	0.1656	77.1067	25.4027
5.0400	0.0018	0.0110	0.1645	77.2921	25.8110
5.0600	0.0018	0.0108	0.1634	77.4762	26.2249
5.0800	0.0017	0.0106	0.1623	77.6591	26.6444
5.1000	0.0017	0.0104	0.1612	77.8409	27.0696
5.1200	0.0016	0.0103	0.1602	78.0215	27.5005
5.1400	0.0016	0.0101	0.1591	78.2009	27.9373
5.1600	0.0016	0.0099	0.1581	78.3792	28.3800
5.1800	0.0015	0.0098	0.1571	78.5564	28.8287
5.2000	0.0015	0.0096	0.1561	78.7324	29.2833
5.2200	0.0015	0.0095	0.1550	78.9074	29.7441
5.2400	0.0014	0.0093	0.1540	79.0812	30.2109
5.2600	0.0014	0.0092	0.1531	79.2539	30.6840
5.2800	0.0014	0.0090	0.1521	79.4256	31.1634
5.3000	0.0013	0.0089	0.1511	79.5962	31.6491
5.3200	0.0013	0.0087	0.1501	79.7657	32.1411
5.3400	0.0013	0.0086	0.1492	79.9341	32.6397
5.3600	0.0013	0.0085	0.1482	80.1015	33.1448
5.3800	0.0012	0.0083	0.1473	80.2679	33.6565
5.4000	0.0012	0.0082	0.1464	80.4332	34.1748
5.4200	0.0012	0.0081	0.1454	80.5976	34.6999
5.4400	0.0011	0.0079	0.1445	80.7609	35.2318
5.4600	0.0011	0.0078	0.1436	80.9232	35.7705
5.4800	0.0011	0.0077	0.1427	81.0845	36.3162
5.5000	0.0011	0.0076	0.1418	81.2448	36.8690
5.5200	0.0011	0.0075	0.1410	81.4041	37.4288
5.5400	0.0010	0.0073	0.1401	81.5625	37.9957
5.5600	0.0010	0.0072	0.1392	81.7199	38.5699
5.5800	0.0010	0.0071	0.1384	81.8764	39.1513
5.6000	0.0010	0.0070	0.1375	82.0319	39.7402
5.6200	0.0009	0.0069	0.1367	82.1865	40.3365
5.6400	0.0009	0.0068	0.1358	82.3401	40.9402
5.6600	0.0009	0.0067	0.1350	82.4929	41.5516
5.6800	0.0009	0.0066	0.1342	82.6447	42.1707
5.7000	0.0009	0.0065	0.1334	82.7956	42.7974
5.7200	0.0008	0.0064	0.1326	82.9456	43.4320
5.7400	0.0008	0.0063	0.1318	83.0947	44.0745
5.7600	0.0008	0.0062	0.1310	83.2430	44.7249
5.7800	0.0008	0.0061	0.1302	83.3903	45.3834
5.8000	0.0008	0.0060	0.1294	83.5368	46.0500
5.8200	0.0008	0.0059	0.1286	83.6824	46.7248
5.8400	0.0007	0.0058	0.1279	83.8272	47.4079
5.8600	0.0007	0.0058	0.1271	83.9711	48.0993
5.8800	0.0007	0.0057	0.1263	84.1142	48.7991
5.9000	0.0007	0.0056	0.1256	84.2565	49.5075
5.9200	0.0007	0.0055	0.1249	84.3979	50.2244
5.9400	0.0007	0.0054	0.1241	84.5385	50.9501
5.9600	0.0007	0.0053	0.1234	84.6783	51.6844
5.9800	0.0006	0.0053	0.1227	84.8173	52.4276