

**VALORI DI $(1+\alpha T)$, $(1/1+\alpha T)$, DELLA
MASSA VOLUMICA E DEL VOLUME
SPECIFICO DELL'ARIA SECCA ALLA
PRESSIONE ATMOSFERICA DI 1013 mbar**

**VALUES $(1+\alpha T)$, $(1/1+\alpha T)$, OF THE
VOLUMETRIC MASS AND SPECIFIC
VOLUME OF DRY AIR AT ATMOSPHERIC
PRESSURE OF 1013 mbar**

t°C	1+_t	1/1+_t	Ms kg/m3	Vs m3/kg	t°C	1+_t	1/1+_t	Ms kg/m3	Vs m3/kg
-20	0.9268	1.0790	1.3951	0.7168	41	1.1501	0.8695	1.1242	0.8895
-19	0.9304	1.0748	1.3897	0.7196	42	1.1538	0.8667	1.1207	0.8923
-18	0.9341	1.0705	1.3842	0.7224	43	1.1574	0.8640	1.1171	0.8951
-17	0.9378	1.0664	1.3788	0.7253	44	1.1611	0.8613	1.1136	0.8980
-16	0.9414	1.0622	1.3735	0.7281	45	1.1647	0.8586	1.1101	0.9008
-15	0.9451	1.0581	1.3681	0.7309	46	1.1684	0.8559	1.1066	0.9036
-14	0.9487	1.0540	1.3629	0.7338	47	1.1721	0.8532	1.1032	0.9065
-13	0.9524	1.0500	1.3576	0.7366	48	1.1757	0.8505	1.0997	0.9093
-12	0.9561	1.0460	1.3524	0.7394	49	1.1794	0.8479	1.0963	0.9121
-11	0.9597	1.0420	1.3473	0.7422	50	1.1830	0.8453	1.0929	0.9150
-10	0.9634	1.0380	1.3421	0.7451	51	1.1867	0.8427	1.0896	0.9178
-9	0.9671	1.0341	1.3371	0.7479	52	1.1904	0.8401	1.0862	0.9206
-8	0.9707	1.0302	1.3320	0.7507	53	1.1940	0.8375	1.0829	0.9235
-7	0.9744	1.0263	1.3270	0.7536	54	1.1977	0.8349	1.0796	0.9263
-6	0.9780	1.0225	1.3220	0.7564	55	1.2014	0.8324	1.0763	0.9291
-5	0.9817	1.0186	1.3171	0.7592	56	1.2050	0.8299	1.0730	0.9320
-4	0.9854	1.0149	1.3122	0.7621	57	1.2087	0.8274	1.0698	0.9348
-3	0.9890	1.0111	1.3074	0.7649	58	1.2123	0.8249	1.0665	0.9376
-2	0.9927	1.0074	1.3025	0.7677	59	1.2160	0.8224	1.0633	0.9404
-1	0.9963	1.0037	1.2978	0.7706	60	1.2197	0.8199	1.0601	0.9433
0	1.0000	1.0000	1.2930	0.7734					
1	1.0037	0.9964	1.2883	0.7762	61	1.2233	0.8174	1.057	0.9461
2	1.0073	0.9927	1.2836	0.7791	62	1.2270	0.8150	1.0538	0.9489
3	1.0110	0.9891	1.2790	0.7819	63	1.2306	0.8126	1.0507	0.9518
4	1.0146	0.9856	1.2743	0.7847	64	1.2343	0.8102	1.0476	0.9546
5	1.0183	0.9820	1.2698	0.7876	65	1.2380	0.8078	1.0445	0.9574
6	1.0220	0.9785	1.2652	0.7904	66	1.2416	0.8054	1.0414	0.9603
7	1.0256	0.9750	1.2607	0.7932	67	1.2453	0.8030	1.0383	0.9631
8	1.0293	0.9715	1.2562	0.7960	68	1.2489	0.8007	1.0353	0.9659
9	1.0329	0.9681	1.2518	0.7989	69	1.2526	0.7983	1.0322	0.9688
10	1.0366	0.9647	1.2473	0.8017	70	1.2563	0.7960	1.0292	0.9716
11	1.0403	0.9613	1.2429	0.8045	71	1.2599	0.7937	1.0262	0.9744
12	1.0439	0.9579	1.2386	0.8074	72	1.2636	0.7914	1.0233	0.9773
13	1.0476	0.9546	1.2343	0.8102	73	1.2673	0.7891	1.0203	0.9801
14	1.0513	0.9512	1.2300	0.8130	74	1.2709	0.7868	1.0174	0.9829
15	1.0549	0.9479	1.2257	0.8159	75	1.2746	0.7846	1.0145	0.9857
16	1.0586	0.9447	1.2215	0.8187	76	1.2782	0.7823	1.0116	0.9886
17	1.0622	0.9414	1.2172	0.8215	77	1.2819	0.7801	1.0087	0.9914
18	1.0659	0.9382	1.2131	0.8244	78	1.2856	0.7779	1.0058	0.9942
19	1.0696	0.9350	1.2089	0.8272	79	1.2892	0.7757	1.0029	0.9971
20	1.0732	0.9318	1.2048	0.8300	80	1.2929	0.7735	1.0001	0.9999
21	1.0769	0.9286	1.2007	0.8329	81	1.2965	0.7713	0.9973	1.0027
22	1.0805	0.9255	1.1966	0.8357	82	1.3002	0.7691	0.9945	1.0056
23	1.0842	0.9223	1.1926	0.8385	83	1.3039	0.7670	0.9917	1.0084
24	1.0879	0.9192	1.1886	0.8413	84	1.3075	0.7648	0.9889	1.0112
25	1.0915	0.9161	1.1846	0.8442	85	1.3112	0.7627	0.9861	1.0141
26	1.0952	0.9131	1.1806	0.8470	86	1.3148	0.7605	0.9834	1.0169
27	1.0988	0.9100	1.1767	0.8498	87	1.3185	0.7584	0.9807	1.0197
28	1.1025	0.9070	1.1728	0.8527	88	1.3222	0.7563	0.9779	1.0226
29	1.1062	0.9040	1.1689	0.8555	89	1.3258	0.7542	0.9752	1.0254
30	1.1098	0.9010	1.1650	0.8583	90	1.3295	0.7522	0.9726	1.0282
31	1.1135	0.8981	1.1612	0.8612	91	1.3332	0.7501	0.9699	1.0311
32	1.1172	0.8951	1.1574	0.8640	92	1.3368	0.7480	0.9672	1.0339
33	1.1208	0.8922	1.1536	0.8668	93	1.3405	0.7460	0.9646	1.0367
34	1.1245	0.8893	1.1499	0.8697	94	1.3441	0.7440	0.9620	1.0395
35	1.1281	0.8864	1.1461	0.8725	95	1.3478	0.7420	0.9593	1.0424
36	1.1318	0.8836	1.1424	0.8753	96	1.3515	0.7399	0.9567	1.0452
37	1.1355	0.8807	1.1387	0.8782	97	1.3551	0.7379	0.9542	1.0480
38	1.1391	0.8779	1.1351	0.8810	98	1.3588	0.7360	0.9516	1.0509
39	1.1428	0.8751	1.1315	0.8838	99	1.3624	0.7340	0.9490	1.0537
40	1.1464	0.8723	1.1278	0.8867	100	1.3661	0.7320	0.9465	1.0565

Ms = massa volumica Vs= volume specifico

Ms = volumetric mass Vs= specific volume

N.B. Bear in mind that when reading the tables, the values are given with the European decimal notation; for English readers the comma should be taken as the decimal point.