

Vlastnosti vlhkého vzduchu

t	Sytá pára		Vzduch p = 981 hPa			
	P _p “	ρ _p “ · 10 ³	ρ _v	ρ“	x“ · 10 ³	i“
°C	Pa	kg·m ⁻³	kg·m ⁻³	kg·m ⁻³	kg/kg s.v.	kJ/kg s.v.
-30	37,36	0,333	1,405	1,405	0,236	-29,697
-29	41,48	0,368	1,400	1,400	0,263	-28,621
-28	45,99	0,406	1,394	1,394	0,291	-27,541
-27	51,09	0,450	1,388	1,388	0,323	-26,452
-26	56,68	0,496	1,383	1,383	0,359	-25,355
-25	62,86	0,548	1,377	1,377	0,398	-24,246
-24	69,53	0,604	1,372	1,372	0,441	-23,136
-23	76,78	0,665	1,366	1,366	0,487	-22,010
-22	84,83	0,731	1,360	1,360	0,538	-20,875
-21	93,46	0,803	1,355	1,355	0,593	-19,728
-20	102,97	0,889	1,350	1,350	0,653	-18,573
-19	113,36	0,967	1,344	1,344	0,719	-17,396
-18	124,74	1,058	1,338	1,337	0,792	-16,207
-17	137,00	1,158	1,333	1,332	0,869	-15,005
-16	150,43	1,267	1,329	1,328	0,955	-13,787
-15	165,14	1,385	1,324	1,323	1,048	-12,544
-14	180,93	1,509	1,319	1,318	1,149	-11,292
-13	198,19	1,649	1,314	1,313	1,259	-9,998
-12	217,02	1,799	1,309	1,308	1,378	-8,692
-11	237,42	1,961	1,303	1,302	1,508	-7,356
-10	259,58	2,136	1,298	1,297	1,650	-5,995
-9	283,41	2,323	1,294	1,293	1,801	-4,605
-8	309,59	2,527	1,289	1,288	1,968	-3,178
-7	337,74	2,747	1,284	1,282	2,148	-1,701
-6	368,24	2,985	1,279	1,277	2,343	-0,222
-5	401,19	3,238	1,274	1,272	2,553	1,315
-4	436,89	3,514	1,270	1,268	2,782	2,897
-3	475,62	3,812	1,265	1,263	3,029	4,530
-2	517,30	4,131	1,260	1,257	3,297	6,213
-1	562,41	4,474	1,255	1,252	3,586	7,946
0	610,76	4,827	1,251	1,248	3,897	9,743
1	656,6	5,189	1,246	1,243	4,191	11,497
2	705,4	5,555	1,242	1,239	4,505	13,297
3	757,5	5,945	1,237	1,233	4,840	15,152
4	812,9	6,357	1,233	1,229	5,197	17,069
5	871,9	6,793	1,228	1,224	5,578	19,042
6	934,7	7,256	1,224	1,220	5,983	21,081
7	1001,3	7,746	1,220	1,216	6,414	23,182
8	1072,1	8,265	1,215	1,210	6,373	25,359
9	1147,3	8,815	1,211	1,206	7,361	27,608
10	1227,7	9,398	1,207	1,201	7,880	29,940
11	1311,8	10,01	1,202	1,196	8,431	32,351
12	1401,6	10,66	1,198	1,191	9,014	34,847
13	1496,7	11,34	1,194	1,187	9,632	37,430
14	1597,4	12,06	1,190	1,182	10,295	40,130
15	1704,1	12,82	1,186	1,178	10,995	42,927
16	1817,0	13,63	1,182	1,174	11,74	45,845
17	1936,4	14,47	1,178	1,169	12,52	48,860
18	2062,0	15,36	1,174	1,165	13,36	52,000
19	2196,0	16,30	1,170	1,160	14,24	55,266
20	2337,0	17,29	1,166	1,155	15,18	58,699

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°C	Pa	kg.m ⁻³	kg.m ⁻³	kg.m ⁻³	kg/kg s.v.	kJ/kg s.v.
21	2486	18,33	1,162	1,151	16,17	62,216
22	2643	19,42	1,158	1,146	17,22	65,942
23	2808	20,57	1,154	1,142	18,33	69,794
24	2982	21,77	1,150	1,137	19,50	73,855
25	3166	23,04	1,146	1,132	20,75	78,042
26	3360	24,37	1,142	1,127	22,06	82,438
27	3564	25,76	1,138	1,122	23,45	87,044
28	3779	27,26	1,135	1,119	24,92	91,858
29	4004	28,75	1,131	1,114	26,47	96,841
30	4241	30,37	1,127	1,109	28,11	102,116
31	4491	32,05	1,123	1,104	29,85	107,601
32	4753	33,81	1,120	1,100	31,67	113,337
33	5029	35,65	1,116	1,094	33,61	119,366
34	5318	37,58	1,112	1,089	35,66	125,688
35	5622	39,62	1,109	1,085	37,82	132,303
36	5940	41,72	1,105	1,080	40,09	139,211
37	6274	43,92	1,102	1,075	42,50	146,496
38	6624	46,23	1,099	1,071	45,05	154,158
39	6991	48,64	1,095	1,065	47,74	162,155
40	7375	51,15	1,091	1,060	50,56	170,486
41	7777	53,76	1,088	1,056	53,56	179,321
42	8198	56,49	1,084	1,049	56,73	188,615
43	8639	59,35	1,081	1,045	60,08	198,371
44	9101	62,34	1,077	1,039	63,60	208,586
45	9584	65,44	1,074	1,034	67,34	219,346
46	10088	68,68	1,071	1,029	71,28	230,693
47	10614	72,05	1,067	1,023	75,45	242,625
48	11163	75,57	1,064	1,018	79,87	255,185
49	11736	79,23	1,061	1,013	84,53	268,416
50	12335	83,06	1,057	1,007	89,47	282,400
51	12960	86,96	1,054	1,001	94,73	297,179
52	13612	91,07	1,051	0,995	100,3	312,880
53	14292	95,35	1,048	0,990	106,1	329,124
54	15001	99,80	1,045	0,985	112,3	346,458
55	15740	104,4	1,042	0,979	119,0	365,131
56	16510	109,2	1,038	0,972	125,9	384,263
57	17312	114,2	1,035	0,966	133,4	405,073
58	18146	119,3	1,032	0,960	141,2	426,635
59	19014	124,7	1,029	0,954	149,6	449,872
60	19917	130,2	1,026	0,947	158,6	474,616
61	20860	136,0	1,023	0,941	168,1	500,783
62	21840	142,0	1,020	0,935	178,2	528,500
63	22850	148,2	1,017	0,928	189,0	558,059
64	23910	154,6	1,014	0,921	200,5	589,543
65	25010	161,3	1,011	0,914	213,0	623,666
66	26150	168,2	1,008	0,907	226,1	659,379
67	27330	175,3	1,005	0,899	240,4	698,400
68	28560	182,7	1,002	0,891	255,6	739,724
69	29840	190,3	0,999	0,883	272,0	784,355
70	31170	198,2	0,996	0,875	289,7	832,336