

**Tab. 1A-4: Tabuľka pre výpočet korekcie na tepelnú rozťažnosť pyknometra pri meraní hustoty**

**Hodnoty korekčného faktora na tepelnú rozťažnosť pyknometra "F<sub>B</sub>" pre teplotný koeficient objemovej rozťažnosti "β" v °C<sup>-1</sup> a pre teplotu "t" v °C.**

teplota merania "t" [°C]	teplotný koeficient "β" [°C <sup>-1</sup> ]					
	5,0E-6	10,0E-6	15,0E-6	20,0E-6	25,0E-6	30,0E-6
15	1,000025	1,000050	1,000075	1,000100	1,000125	1,000150
16	1,000020	1,000040	1,000060	1,000080	1,000100	1,000120
17	1,000015	1,000030	1,000045	1,000060	1,000075	1,000090
18	1,000010	1,000020	1,000030	1,000040	1,000050	1,000060
19	1,000005	1,000010	1,000015	1,000020	1,000025	1,000030
20	1,000000	1,000000	1,000000	1,000000	1,000000	1,000000
21	0,999995	0,999990	0,999985	0,999980	0,999975	0,999970
22	0,999990	0,999980	0,999970	0,999960	0,999950	0,999940
23	0,999985	0,999970	0,999955	0,999940	0,999925	0,999910
24	0,999980	0,999960	0,999940	0,999920	0,999900	0,999880
25	0,999975	0,999950	0,999925	0,999900	0,999875	0,999850

teplota merania "t" [°C]	normálny druh skla/ teplotný koeficient "β" [°C <sup>-1</sup> ]					
	kremenné 1,6E-6	Simax 8,8E-6	Sial 13,0E-6	Neutrál 17,0E-6	KS 24,0E-6	Unihost 27,0E-6
15	1,000008	1,000044	1,000065	1,000087	1,000122	1,000135
16	1,000006	1,000035	1,000052	1,000070	1,000097	1,000108
17	1,000005	1,000026	1,000039	1,000052	1,000073	1,000081
18	1,000003	1,000018	1,000026	1,000035	1,000049	1,000054
19	1,000002	1,000009	1,000013	1,000017	1,000024	1,000027
20	1,000000	1,000000	1,000000	1,000000	1,000000	1,000000
21	0,999998	0,999991	0,999987	0,999983	0,999976	0,999973
22	0,999997	0,999982	0,999974	0,999965	0,999951	0,999946
23	0,999995	0,999974	0,999961	0,999948	0,999927	0,999919
24	0,999994	0,999965	0,999948	0,999930	0,999903	0,999892
25	0,999992	0,999956	0,999935	0,999913	0,999879	0,999865

**Tab. 1A-5: Tabuľka pre výpočet korekcie na vztlak vo vzduchu pri vážení**

**Hodnoty korekčného faktora na vztlak vo vzduchu pri vážení "F<sub>a</sub>"**  
 pre hustotu vzduchu "ρ<sub>a</sub>" v kg/m<sup>3</sup> a pre hustotu bremena (roztoku a pyknometra) "ρ<sub>b</sub>" v kg/m<sup>3</sup>

hustota bremena "ρ <sub>b</sub> " [kg/m <sup>3</sup> ]	hustota vzduchu "ρ <sub>a</sub> " [kg/m <sup>3</sup> ]									
	1,00	1,01	1,02	1,03	1,04	1,05	1,06	1,07	1,08	1,09
780	1,0011585	1,0011701	1,0011817	1,0011933	1,0012049	1,0012165	1,0012281	1,0012397	1,0012513	1,0012630
790	1,0011423	1,0011537	1,0011651	1,0011766	1,0011880	1,0011995	1,0012109	1,0012223	1,0012338	1,0012452
800	1,0011264	1,0011377	1,0011490	1,0011602	1,0011715	1,0011828	1,0011941	1,0012054	1,0012166	1,0012279
810	1,0011109	1,0011221	1,0011332	1,0011443	1,0011554	1,0011666	1,0011777	1,0011888	1,0011999	1,0012111
820	1,0010958	1,0011068	1,0011178	1,0011288	1,0011397	1,0011507	1,0011617	1,0011727	1,0011836	1,0011946
830	1,0010811	1,0010919	1,0011028	1,0011136	1,0011244	1,0011352	1,0011461	1,0011569	1,0011677	1,0011786
840	1,0010667	1,0010774	1,0010881	1,0010988	1,0011095	1,0011202	1,0011308	1,0011415	1,0011522	1,0011629
850	1,0010527	1,0010632	1,0010738	1,0010843	1,0010949	1,0011054	1,0011160	1,0011265	1,0011370	1,0011476
860	1,0010390	1,0010494	1,0010598	1,0010702	1,0010806	1,0010910	1,0011014	1,0011118	1,0011222	1,0011326
870	1,0010256	1,0010359	1,0010461	1,0010564	1,0010667	1,0010769	1,0010872	1,0010975	1,0011078	1,0011180
880	1,0010125	1,0010227	1,0010328	1,0010429	1,0010531	1,0010632	1,0010733	1,0010835	1,0010936	1,0011038
890	1,0009997	1,0010097	1,0010197	1,0010297	1,0010398	1,0010498	1,0010598	1,0010698	1,0010798	1,0010898
900	1,0009872	1,0009971	1,0010070	1,0010169	1,0010267	1,0010366	1,0010465	1,0010564	1,0010663	1,0010762
910	1,0009750	1,0009847	1,0009945	1,0010043	1,0010140	1,0010238	1,0010335	1,0010433	1,0010531	1,0010628
920	1,0009630	1,0009726	1,0009823	1,0009919	1,0010016	1,0010112	1,0010209	1,0010305	1,0010401	1,0010498
930	1,0009513	1,0009608	1,0009703	1,0009799	1,0009894	1,0009989	1,0010084	1,0010180	1,0010275	1,0010370
940	1,0009398	1,0009492	1,0009586	1,0009681	1,0009775	1,0009869	1,0009963	1,0010057	1,0010151	1,0010245
950	1,0009286	1,0009379	1,0009472	1,0009565	1,0009658	1,0009751	1,0009844	1,0009937	1,0010030	1,0010123
960	1,0009176	1,0009268	1,0009360	1,0009452	1,0009544	1,0009636	1,0009727	1,0009819	1,0009911	1,0010003
970	1,0009069	1,0009159	1,0009250	1,0009341	1,0009432	1,0009523	1,0009613	1,0009704	1,0009795	1,0009886
980	1,0008963	1,0009053	1,0009143	1,0009232	1,0009322	1,0009412	1,0009502	1,0009591	1,0009681	1,0009771
990	1,0008860	1,0008949	1,0009037	1,0009126	1,0009215	1,0009303	1,0009392	1,0009481	1,0009570	1,0009658
1000	1,0008759	1,0008846	1,0008934	1,0009022	1,0009109	1,0009197	1,0009285	1,0009373	1,0009461	1,0009548
2200	1,0003297	1,0003330	1,0003363	1,0003396	1,0003429	1,0003462	1,0003495	1,0003528	1,0003561	1,0003594
2250	1,0003196	1,0003228	1,0003260	1,0003292	1,0003324	1,0003356	1,0003388	1,0003420	1,0003452	1,0003484
2300	1,0003099	1,0003130	1,0003161	1,0003192	1,0003223	1,0003254	1,0003285	1,0003316	1,0003347	1,0003378
2350	1,0003007	1,0003037	1,0003067	1,0003097	1,0003127	1,0003157	1,0003187	1,0003217	1,0003247	1,0003277
2400	1,0002918	1,0002947	1,0002976	1,0003005	1,0003035	1,0003064	1,0003093	1,0003122	1,0003151	1,0003181
2450	1,0002833	1,0002861	1,0002889	1,0002918	1,0002946	1,0002974	1,0003003	1,0003031	1,0003060	1,0003088
2500	1,0002751	1,0002779	1,0002806	1,0002834	1,0002861	1,0002889	1,0002916	1,0002944	1,0002971	1,0002999
2550	1,0002673	1,0002699	1,0002726	1,0002753	1,0002780	1,0002806	1,0002833	1,0002860	1,0002887	1,0002913
2600	1,0002597	1,0002623	1,0002649	1,0002675	1,0002701	1,0002727	1,0002753	1,0002779	1,0002805	1,0002831
2650	1,0002525	1,0002550	1,0002575	1,0002600	1,0002626	1,0002651	1,0002676	1,0002701	1,0002727	1,0002752
2700	1,0002455	1,0002479	1,0002504	1,0002528	1,0002553	1,0002577	1,0002602	1,0002627	1,0002651	1,0002676

**Hustota niektorých materialov pyknometrov**  
 pre výpočet hmotnosti pyknometra pri vážení vo vzduchu

material pyknometra	hustota "ρ <sub>a</sub> " [kg/m <sup>3</sup> ]
Simax	2230
Sial	2350
KS	2450
Neutrál	2450
kremenné sklo (tavený kemeň)	2650

**Hodnoty korekčného faktora na vztlak vo vzduchu pri vážení "F<sub>a</sub>"**  
**pre hustotu vzduchu "ρ<sub>a</sub>" v kg/m<sup>3</sup> a pre hustotu bremena (roztoku a pyknometra) "ρ<sub>b</sub>" v kg/m<sup>3</sup>**

hustota [kg/m <sup>3</sup> ]	bremena "ρ <sub>b</sub> "		hustota vzduchu "ρ <sub>a</sub> " [kg/m <sup>3</sup> ]							
	1,10	1,11	1,12	1,13	1,14	1,15	1,16	1,17	1,18	1,19
780	1,0012746	1,0012862	1,0012978	1,0013094	1,001221	1,0013442	1,0013558	1,0013558	1,0013674	1,0013790
790	1,0012567	1,0012681	1,0012795	1,0012910	1,0013024	1,0013139	1,0013253	1,0013367	1,0013482	1,0013596
800	1,0012392	1,0012505	1,0012618	1,0012730	1,0012843	1,0012956	1,0013069	1,0013182	1,0013295	1,0013407
810	1,0012222	1,0012333	1,0012444	1,0012556	1,0012667	1,0012778	1,0012889	1,0013001	1,0013112	1,0013223
820	1,0012056	1,0012166	1,0012275	1,0012385	1,0012495	1,0012605	1,0012714	1,0012824	1,0012934	1,0013044
830	1,0011894	1,0012002	1,0012110	1,0012219	1,0012327	1,0012435	1,0012543	1,0012652	1,0012760	1,0012868
840	1,0011736	1,0011842	1,0011949	1,0012056	1,0012163	1,0012270	1,0012377	1,0012483	1,0012590	1,0012697
850	1,0011581	1,0011687	1,0011792	1,0011897	1,0012003	1,0012108	1,0012214	1,0012319	1,0012425	1,0012530
860	1,0011430	1,0011534	1,0011638	1,0011742	1,0011847	1,0011951	1,0012055	1,0012159	1,0012263	1,0012367
870	1,0011283	1,0011386	1,0011488	1,0011591	1,0011694	1,0011796	1,0011899	1,0012002	1,0012105	1,0012207
880	1,0011139	1,0011240	1,0011342	1,0011443	1,0011545	1,0011646	1,0011747	1,0011849	1,0011950	1,0012052
890	1,0010998	1,0011098	1,0011198	1,0011298	1,0011399	1,0011499	1,0011599	1,0011699	1,0011799	1,0011899
900	1,0010860	1,0010959	1,0011058	1,0011157	1,0011256	1,0011355	1,0011454	1,0011553	1,0011651	1,0011750
910	1,0010726	1,0010824	1,0010921	1,0011019	1,0011116	1,0011214	1,0011312	1,0011409	1,0011507	1,0011605
920	1,0010594	1,0010691	1,0010787	1,0010883	1,0010980	1,0011076	1,0011173	1,0011269	1,0011366	1,0011462
930	1,0010465	1,0010561	1,0010656	1,0010751	1,0010846	1,0010942	1,0011037	1,0011132	1,0011227	1,0011323
940	1,0010339	1,0010433	1,0010527	1,0010622	1,0010716	1,0010810	1,0010904	1,0010998	1,0011092	1,0011186
950	1,0010216	1,0010309	1,0010402	1,0010495	1,0010588	1,0010681	1,0010774	1,0010867	1,0010960	1,0011053
960	1,0010095	1,0010187	1,0010279	1,0010371	1,0010462	1,0010554	1,0010646	1,0010738	1,0010830	1,0010922
970	1,0009977	1,0010067	1,0010158	1,0010249	1,0010340	1,0010431	1,0010521	1,0010612	1,0010703	1,0010794
980	1,0009861	1,0009950	1,0010040	1,0010130	1,0010220	1,0010309	1,0010399	1,0010489	1,0010579	1,0010668
990	1,0009747	1,0009836	1,0009924	1,0010013	1,0010102	1,0010190	1,0010279	1,0010368	1,0010457	1,0010545
1000	1,0009636	1,0009723	1,0009811	1,0009899	1,0009986	1,0010074	1,0010162	1,0010249	1,0010337	1,0010425
2200	1,0003627	1,0003660	1,0003693	1,0003726	1,0003759	1,0003792	1,0003825	1,0003858	1,0003891	1,0003924
2250	1,0003516	1,0003548	1,0003580	1,0003612	1,0003644	1,0003675	1,0003707	1,0003739	1,0003771	1,0003803
2300	1,0003409	1,0003440	1,0003471	1,0003502	1,0003533	1,0003564	1,0003595	1,0003626	1,0003657	1,0003688
2350	1,0003307	1,0003337	1,0003368	1,0003398	1,0003428	1,0003458	1,0003488	1,0003518	1,0003548	1,0003578
2400	1,0003210	1,0003239	1,0003268	1,0003297	1,0003327	1,0003356	1,0003385	1,0003414	1,0003443	1,0003473
2450	1,0003116	1,0003145	1,0003173	1,0003201	1,0003230	1,0003258	1,0003286	1,0003315	1,0003343	1,0003371
2500	1,0003026	1,0003054	1,0003081	1,0003109	1,0003136	1,0003164	1,0003191	1,0003219	1,0003247	1,0003274
2550	1,0002940	1,0002967	1,0002993	1,0003020	1,0003047	1,0003074	1,0003100	1,0003127	1,0003154	1,0003181
2600	1,0002857	1,0002883	1,0002909	1,0002935	1,0002961	1,0002987	1,0003013	1,0003039	1,0003065	1,0003091
2650	1,0002777	1,0002802	1,0002828	1,0002853	1,0002878	1,0002903	1,0002929	1,0002954	1,0002979	1,0003004
2700	1,0002700	1,0002725	1,0002749	1,0002774	1,0002798	1,0002823	1,0002848	1,0002872	1,0002897	1,0002921

**Hodnoty korekčného faktora na vztlak vo vzduchu pri vážení "F<sub>a</sub>"**  
**pre hustotu vzduchu "ρ<sub>a</sub>" v kg/m<sup>3</sup> a pre hustotu bremena (roztoku a pyknometra) "ρ<sub>b</sub>" v kg/m<sup>3</sup>**

hustota [kg/m <sup>3</sup> ]	bremena "ρ <sub>b</sub> "		hustota vzduchu "ρ <sub>a</sub> " [kg/m <sup>3</sup> ]				
	1,20	1,21	1,22	1,23	1,24	1,25	1,26
780	1,0013906	1,0014022	1,0014138	1,0014254	1,0014370	1,0014486	1,0014602
790	1,0013711	1,0013825	1,0013940	1,0014054	1,0014168	1,0014283	1,0014397
800	1,0013520	1,0013633	1,0013746	1,0013859	1,0013972	1,0014085	1,0014197
810	1,0013335	1,0013446	1,0013557	1,0013668	1,0013780	1,0013891	1,0014002
820	1,0013153	1,0013263	1,0013373	1,0013483	1,0013593	1,0013702	1,0013812
830	1,0012977	1,0013085	1,0013193	1,0013301	1,0013410	1,0013518	1,0013626
840	1,0012804	1,0012911	1,0013018	1,0013125	1,0013231	1,0013338	1,0013445
850	1,0012635	1,0012741	1,0012846	1,0012952	1,0013057	1,0013163	1,0013268
860	1,0012471	1,0012575	1,0012679	1,0012783	1,0012887	1,0012991	1,0013095
870	1,0012310	1,0012413	1,0012516	1,0012618	1,0012721	1,0012824	1,0012926
880	1,0012153	1,0012254	1,0012356	1,0012457	1,0012559	1,0012660	1,0012761
890	1,0011999	1,0012099	1,0012200	1,0012300	1,0012400	1,0012500	1,0012600
900	1,0011849	1,0011948	1,0012047	1,0012146	1,0012245	1,0012344	1,0012442
910	1,0011702	1,0011800	1,0011898	1,0011995	1,0012093	1,0012191	1,0012288
920	1,0011559	1,0011655	1,0011751	1,0011848	1,0011944	1,0012041	1,0012137
930	1,0011418	1,0011513	1,0011609	1,0011704	1,0011799	1,0011894	1,0011990
940	1,0011280	1,0011374	1,0011469	1,0011563	1,0011657	1,0011751	1,0011845
950	1,0011146	1,0011239	1,0011332	1,0011425	1,0011518	1,0011611	1,0011704
960	1,0011014	1,0011106	1,0011198	1,0011289	1,0011381	1,0011473	1,0011565
970	1,0010885	1,0010975	1,0011066	1,0011157	1,0011248	1,0011339	1,0011430
980	1,0010758	1,0010848	1,0010938	1,0011027	1,0011117	1,0011207	1,0011297
990	1,0010634	1,0010723	1,0010812	1,0010900	1,0010989	1,0011078	1,0011166
1000	1,0010513	1,0010600	1,0010688	1,0010776	1,0010863	1,0010951	1,0011039
2200	1,0003957	1,0003990	1,0004023	1,0004056	1,0004089	1,0004122	1,0004155
2250	1,0003835	1,0003867	1,0003899	1,0003931	1,0003963	1,0003995	1,0004027
2300	1,0003719	1,0003750	1,0003781	1,0003812	1,0003843	1,0003874	1,0003905
2350	1,0003608	1,0003638	1,0003668	1,0003698	1,0003729	1,0003759	1,0003789
2400	1,0003502	1,0003531	1,0003560	1,0003589	1,0003619	1,0003648	1,0003677
2450	1,0003400	1,0003428	1,0003456	1,0003485	1,0003513	1,0003541	1,0570000
2500	1,0003302	1,0003329	1,0003357	1,0003384	1,0003412	1,0003439	1,0003467
2550	1,0003207	1,0003234	1,0003261	1,0003288	1,0003314	1,0003341	1,0003368
2600	1,0003117	1,0003143	1,0003169	1,0003195	1,0003221	1,0003247	1,0003273
2650	1,0003030	1,0003055	1,0003080	1,0003105	1,0003131	1,0003156	1,0003181
2700	1,0002946	1,0002970	1,0029950	1,0003019	1,0003044	1,0003069	1,0003093

**Tab. 1A-6: Tabuľky pre výpočet hustoty vzduchu  
z baromerického tlaku, teploty, a vlhkosti vzduchu**

**Hodnoty hustoty vzduchu " $\rho_a$ " v kg/m<sup>3</sup>  
pre barometrický tlak v hPa a teploty v °C a relatívnu vlhkosť v %**

teplota "t" [°C]	barometrický tlak [hPa]					suchý vzduch				
	850	855	860	865	870	875	880	885	890	895
15	1,0279	1,0340	1,0400	1,0461	1,0521	1,0582	1,0642	1,0703	1,0763	1,0824
16	1,0244	1,0304	1,0364	1,0425	1,0485	1,0545	1,0605	1,0666	1,0726	1,0786
17	1,0208	1,0268	1,0329	1,0389	1,0449	1,0509	1,0569	1,0629	1,0689	1,0749
18	1,0173	1,0233	1,0293	1,0353	1,0413	1,0473	1,0532	1,0592	1,0652	1,0712
19	1,0138	1,0198	1,0258	1,0317	1,0377	1,0437	1,0496	1,0556	1,0616	1,0675
20	1,0104	1,0163	1,0223	1,0282	1,0341	1,0401	1,0460	1,0520	1,0579	1,0639
21	1,0069	1,0129	1,0188	1,0247	1,0306	1,0366	1,0425	1,0484	1,0543	1,0603
22	1,0035	1,0094	1,0153	1,0212	1,0271	1,0330	1,0389	1,0448	1,0507	1,0566
23	1,0001	1,0060	1,0119	1,0178	1,0236	1,0295	1,0354	1,0413	1,0472	1,0531
24	0,9967	1,0026	1,0085	1,0143	1,0202	1,0261	1,0319	1,0378	1,0437	1,0495
25	0,9934	0,9992	1,0051	1,0109	1,0168	1,0226	1,0285	1,0343	1,0401	1,0460

teplota "t" [°C]	barometrický tlak [hPa]					relatívna vlhkosť vzduchu 30%				
	850	855	860	865	870	875	880	885	890	895
15	1,0256	1,0317	1,0377	1,0438	1,0498	1,0559	1,0619	1,0680	1,0740	1,0801
16	1,0219	1,0279	1,0340	1,0400	1,0460	1,0520	1,0581	1,0641	1,0701	1,0762
17	1,0182	1,0242	1,0302	1,0362	1,0422	1,0482	1,0543	1,0603	1,0663	1,0723
18	1,0145	1,0205	1,0265	1,0325	1,0385	1,0445	1,0504	1,0564	1,0624	1,0684
19	1,0109	1,0168	1,0228	1,0288	1,0347	1,0407	1,0467	1,0526	1,0586	1,0646
20	1,0072	1,0132	1,0191	1,0251	1,0310	1,0369	1,0429	1,0488	1,0548	1,0607
21	1,0036	1,0095	1,0154	1,0214	1,0273	1,0332	1,0391	1,0451	1,0510	1,0569
22	1,0000	1,0059	1,0118	1,0177	1,0236	1,0295	1,0354	1,0413	1,0472	1,0531
23	0,9964	1,0023	1,0081	1,0140	1,0199	1,0258	1,0317	1,0376	1,0434	1,0493
24	0,9928	0,9986	1,0045	1,0104	1,0162	1,0221	1,0280	1,0338	1,0397	1,0456
25	0,9892	0,9950	1,0009	1,0067	1,0126	1,0184	1,0243	1,0301	1,0360	1,0418

teplota "t" [°C]	barometrický tlak [hPa]					relatívna vlhkosť vzduchu 40%				
	850	855	860	865	870	875	880	885	890	895
15	1,0248	1,0309	1,0369	1,0430	1,0490	1,0551	1,0611	1,0672	1,0732	1,0793
16	1,0211	1,0272	1,0334	1,0395	1,0456	1,0517	1,0579	1,0640	1,0701	1,0762
17	1,0173	1,0233	1,0293	1,0353	1,0413	1,0473	1,0533	1,0594	1,0654	1,0714
18	1,0136	1,0196	1,0256	1,0316	1,0376	1,0435	1,0495	1,0555	1,0615	1,0675
19	1,0099	1,0159	1,0218	1,0278	1,0338	1,0397	1,0457	1,0517	1,0576	1,0636
20	1,0062	1,0121	1,0181	1,0240	1,0300	1,0359	1,0419	1,0478	1,0538	1,0597
21	1,0025	1,0084	1,0144	1,0203	1,0262	1,0321	1,0381	1,0440	1,0499	1,0558
22	0,9988	1,0047	1,0106	1,0165	1,0224	1,0283	1,0342	1,0401	1,0460	1,0519
23	0,9951	1,0010	1,0069	1,0128	1,0186	1,0245	1,0304	1,0363	1,0422	1,0481
24	0,9915	0,9974	1,0032	1,0091	1,0150	1,0208	1,0267	1,0326	1,0384	1,0443
25	0,9878	0,9936	0,9995	1,0053	1,0112	1,0170	1,0229	1,0287	1,0346	1,0404

teplota "t" [°C]	barometrický tlak [hPa]					relatívna vlhkosť vzduchu 50%				
	850	855	860	865	870	875	880	885	890	895
15	1,0241	1,0301	1,0362	1,0422	1,0483	1,0543	1,0604	1,0664	1,0725	1,0785
16	1,0202	1,0262	1,0323	1,0383	1,0443	1,0504	1,0564	1,0624	1,0684	1,0745
17	1,0165	1,0225	1,0285	1,0345	1,0405	1,0465	1,0525	1,0586	1,0646	1,0706
18	1,0127	1,0187	1,0247	1,0307	1,0366	1,0426	1,0486	1,0546	1,0606	1,0666
19	1,0089	1,0149	1,0208	1,0268	1,0328	1,0387	1,0447	1,0507	1,0566	1,0626
20	1,0051	1,0110	1,0170	1,0229	1,0289	1,0348	1,0408	1,0467	1,0527	1,0586
21	1,0014	1,0073	1,0133	1,0192	1,0251	1,0310	1,0370	1,0429	1,0488	1,0547
22	0,9976	1,0035	1,0094	1,0153	1,0212	1,0271	1,0330	1,0389	1,0448	1,0507
23	0,9939	0,9998	1,0057	1,0116	1,0174	1,0233	1,0292	1,0351	1,0410	1,0469
24	0,9901	0,9960	1,0018	1,0077	1,0136	1,0194	1,0253	1,0312	1,0370	1,0429
25	0,9864	0,9922	0,9981	1,0039	1,0098	1,0156	1,0215	1,0273	1,0332	1,0390

teplota "t" [°C]	barometrický tlak [hPa]					relatívna vlhkosť vzduchu 60%				
	850	855	860	865	870	875	880	885	890	895
15	1,0233	1,0294	1,0354	1,0415	1,0475	1,0536	1,0596	1,0657	1,0717	1,0778
16	1,0194	1,0254	1,0315	1,0375	1,0435	1,0496	1,0556	1,0616	1,0676	1,0737
17	1,0156	1,0216	1,0276	1,0336	1,0396	1,0456	1,0516	1,0577	1,0637	1,0697
18	1,0117	1,0177	1,0237	1,0297	1,0357	1,0416	1,0476	1,0536	1,0596	1,0656
19	1,0079	1,0139	1,0198	1,0258	1,0318	1,0377	1,0437	1,0497	1,0556	1,0616
20	1,0041	1,0100	1,0160	1,0219	1,0279	1,0338	1,0398	1,0457	1,0517	1,0576
21	1,0003	1,0062	1,0122	1,0181	1,0240	1,0299	1,0359	1,0418	1,0477	1,0536
22	0,9964	1,0023	1,0082	1,0141	1,0200	1,0259	1,0318	1,0377	1,0436	1,0495
23	0,9926	0,9985	1,0044	1,0103	1,0161	1,0220	1,0279	1,0338	1,0397	1,0456
24	0,9888	0,9947	1,0005	1,0064	1,0123	1,0181	1,0240	1,0299	1,0357	1,0416
25	0,9850	0,9908	0,9967	1,0025	1,0084	1,0142	1,0201	1,0259	1,0318	1,0376

**Hodnoty hustoty suchého vzduchu " $\rho_a$ " v kg/m<sup>3</sup>**  
pre barometrický tlak v hPa a teploty v °C

teplota "t" [°C]	barometrický tlak [hPa]					suchý vzduch				
	900	905	910	915	920	925	930	935	940	945
15	1,0884	1,0945	1,1005	1,1066	1,1126	1,1187	1,1247	1,1308	1,1368	1,1429
16	1,0847	1,0907	1,0967	1,1027	1,1088	1,1148	1,1208	1,1269	1,1329	1,1389
17	1,0809	1,0869	1,0929	1,0989	1,1049	1,1109	1,1170	1,1230	1,1290	1,1350
18	1,0772	1,0832	1,0892	1,0951	1,1011	1,1071	1,1131	1,1191	1,1251	1,1311
19	1,0735	1,0795	1,0854	1,0914	1,0974	1,1033	1,1093	1,1153	1,1212	1,1272
20	1,0698	1,0758	1,0817	1,0877	1,0936	1,0995	1,1055	1,1114	1,1174	1,1233
21	1,0662	1,0721	1,0780	1,0840	1,0899	1,0958	1,1017	1,1077	1,1136	1,1195
22	1,0626	1,0685	1,0744	1,0803	1,0862	1,0921	1,0980	1,1039	1,1098	1,1157
23	1,0590	1,0648	1,0707	1,0766	1,0825	1,0884	1,0943	1,1002	1,1060	1,1119
24	1,0554	1,0613	1,0671	1,0730	1,0788	1,0847	1,0906	1,0964	1,1023	1,1082
25	1,0518	1,0577	1,0635	1,0694	1,0752	1,0811	1,0869	1,0928	1,0986	1,1044

teplota "t" [°C]	barometrický tlak [hPa]					relativna vlkost' vzduchu 30%				
	900	905	910	915	920	925	930	935	940	945
15	1,0861	1,0922	1,0982	1,1043	1,1103	1,1164	1,1224	1,1284	1,1345	1,1405
16	1,0822	1,0882	1,0942	1,1003	1,1063	1,1123	1,1184	1,1244	1,1304	1,1364
17	1,0783	1,0843	1,0903	1,0963	1,1023	1,1083	1,1143	1,1203	1,1263	1,1323
18	1,0744	1,0804	1,0864	1,0924	1,0983	1,1043	1,1103	1,1163	1,1223	1,1283
19	1,0705	1,0765	1,0825	1,0884	1,0944	1,1004	1,1063	1,1123	1,1183	1,1242
20	1,0667	1,0726	1,0786	1,0845	1,0905	1,0964	1,1024	1,1083	1,1142	1,1202
21	1,0628	1,0688	1,0747	1,0806	1,0865	1,0925	1,0984	1,1043	1,1102	1,1162
22	1,0590	1,0649	1,0708	1,0767	1,0826	1,0885	1,0945	1,1004	1,1063	1,1122
23	1,0552	1,0611	1,0670	1,0729	1,0788	1,0846	1,0905	1,0964	1,1023	1,1082
24	1,0514	1,0573	1,0632	1,0690	1,0749	1,0808	1,0866	1,0925	1,0983	1,1042
25	1,0476	1,0535	1,0593	1,0652	1,0710	1,0769	1,0827	1,0886	1,0944	1,1003

teplota "t" [°C]	barometrický tlak [hPa]					relativna vlkost' vzduchu 40%				
	900	905	910	915	920	925	930	935	940	945
15	1,0853	1,0914	1,0974	1,1035	1,1095	1,1156	1,1216	1,1277	1,1337	1,1398
16	1,0824	1,0885	1,0946	1,1008	1,1069	1,1130	1,1191	1,1253	1,1314	1,1375
17	1,0774	1,0834	1,0894	1,0954	1,1014	1,1074	1,1134	1,1194	1,1254	1,1314
18	1,0735	1,0795	1,0855	1,0914	1,0974	1,1034	1,1094	1,1154	1,1214	1,1274
19	1,0696	1,0755	1,0815	1,0874	1,0934	1,0994	1,1053	1,1113	1,1173	1,1232
20	1,0657	1,0716	1,0775	1,0835	1,0894	1,0954	1,1013	1,1073	1,1132	1,1192
21	1,0618	1,0677	1,0736	1,0795	1,0855	1,0914	1,0973	1,1032	1,1092	1,1151
22	1,0579	1,0638	1,0697	1,0756	1,0815	1,0874	1,0933	1,0992	1,1051	1,1110
23	1,0540	1,0598	1,0657	1,0716	1,0775	1,0834	1,0893	1,0951	1,1010	1,1069
24	1,0502	1,0560	1,0619	1,0677	1,0736	1,0795	1,0853	1,0912	1,0971	1,1029
25	1,0463	1,0521	1,0579	1,0638	1,0696	1,0755	1,0813	1,0872	1,0930	1,0989

teplota "t" [°C]	barometrický tlak [hPa]					relativna vlkost' vzduchu 50%				
	900	905	910	915	920	925	930	935	940	945
15	1,0846	1,0906	1,0967	1,1027	1,1088	1,1148	1,1209	1,1269	1,1330	1,1390
16	1,0805	1,0865	1,0926	1,0986	1,1046	1,1107	1,1167	1,1227	1,1287	1,1348
17	1,0766	1,0826	1,0886	1,0946	1,1006	1,1066	1,1126	1,1186	1,1246	1,1306
18	1,0726	1,0785	1,0845	1,0905	1,0965	1,1025	1,1085	1,1144	1,1204	1,1264
19	1,0686	1,0745	1,0805	1,0864	1,0924	1,0984	1,1043	1,1103	1,1163	1,1222
20	1,0646	1,0705	1,0765	1,0824	1,0884	1,0943	1,1003	1,1062	1,1122	1,1181
21	1,0607	1,0666	1,0725	1,0784	1,0844	1,0903	1,0962	1,1021	1,1081	1,1140
22	1,0567	1,0626	1,0685	1,0744	1,0803	1,0862	1,0921	1,0980	1,1039	1,1098
23	1,0528	1,0586	1,0645	1,0704	1,0763	1,0822	1,0881	1,0939	1,0998	1,1057
24	1,0488	1,0546	1,0605	1,0663	1,0722	1,0781	1,0839	1,0898	1,0957	1,1015
25	1,0449	1,0507	1,0565	1,0624	1,0682	1,0741	1,0799	1,0858	1,0916	1,0975

teplota "t" [°C]	barometrický tlak [hPa]					relativna vlkost' vzduchu 60%				
	900	905	910	915	920	925	930	935	940	945
15	1,0838	1,0899	1,0959	1,1020	1,1080	1,1141	1,1201	1,1262	1,1322	1,1383
16	1,0797	1,0857	1,0918	1,0978	1,1038	1,1099	1,1159	1,1219	1,1279	1,1340
17	1,0757	1,0817	1,0877	1,0937	1,0997	1,1057	1,1117	1,1177	1,1237	1,1297
18	1,0716	1,0776	1,0836	1,0895	1,0955	1,1015	1,1075	1,1135	1,1195	1,1255
19	1,0676	1,0735	1,0795	1,0855	1,0914	1,0974	1,1034	1,1093	1,1153	1,1213
20	1,0636	1,0695	1,0754	1,0814	1,0873	1,0933	1,0992	1,1052	1,1111	1,1171
21	1,0596	1,0655	1,0714	1,0773	1,0833	1,0892	1,0951	1,1010	1,1070	1,1129
22	1,0555	1,0614	1,0673	1,0732	1,0791	1,0850	1,0909	1,0968	1,1027	1,1086
23	1,0515	1,0573	1,0632	1,0691	1,0750	1,0809	1,0868	1,0926	1,0985	1,1044
24	1,0475	1,0533	1,0592	1,0650	1,0709	1,0768	1,0826	1,0885	1,0944	1,1002
25	1,0435	1,0493	1,0551	1,0610	1,0668	1,0727	1,0785	1,0844	1,0902	1,0961

**Hodnoty hustoty suchého vzduchu " $\rho_a$ " v kg/m<sup>3</sup>**  
pre barometrický tlak v hPa a teploty v °C

teplota "t"	barometrický tlak [hPa]					suchý vzduch				
[°C]	950	955	960	965	970	975	980	985	990	995
15	1,1489	1,1550	1,1610	1,1671	1,1731	1,1792	1,1852	1,1913	1,1973	1,2034
16	1,1449	1,1510	1,1570	1,1630	1,1691	1,1751	1,1811	1,1871	1,1932	1,1992
17	1,1410	1,1470	1,1530	1,1590	1,1650	1,1710	1,1770	1,1830	1,1890	1,1951
18	1,1371	1,1430	1,1490	1,1550	1,1610	1,1670	1,1730	1,1790	1,1849	1,1909
19	1,1332	1,1391	1,1451	1,1511	1,1570	1,1630	1,1689	1,1749	1,1809	1,1868
20	1,1293	1,1352	1,1412	1,1471	1,1531	1,1590	1,1650	1,1709	1,1768	1,1828
21	1,1254	1,1314	1,1373	1,1432	1,1491	1,1551	1,1610	1,1669	1,1728	1,1788
22	1,1216	1,1275	1,1334	1,1393	1,1452	1,1511	1,1570	1,1629	1,1688	1,1748
23	1,1178	1,1237	1,1296	1,1355	1,1413	1,1472	1,1531	1,1590	1,1649	1,1708
24	1,1140	1,1199	1,1258	1,1316	1,1375	1,1434	1,1492	1,1551	1,1610	1,1668
25	1,1103	1,1161	1,1220	1,1278	1,1337	1,1395	1,1454	1,1512	1,1571	1,1629

teplota "t"	barometrický tlak [hPa]					relativna vlkosť vzduchu 30%				
[°C]	950	955	960	965	970	975	980	985	990	995
15	1,1466	1,1526	1,1587	1,1647	1,1708	1,1768	1,1829	1,1889	1,1950	1,2010
16	1,1425	1,1485	1,1545	1,1606	1,1666	1,1726	1,1786	1,1847	1,1907	1,1967
17	1,1384	1,1444	1,1504	1,1564	1,1624	1,1684	1,1744	1,1804	1,1864	1,1924
18	1,1343	1,1402	1,1462	1,1522	1,1582	1,1642	1,1702	1,1762	1,1822	1,1881
19	1,1302	1,1362	1,1421	1,1481	1,1541	1,1600	1,1660	1,1720	1,1779	1,1839
20	1,1261	1,1321	1,1380	1,1440	1,1499	1,1559	1,1618	1,1678	1,1737	1,1796
21	1,1221	1,1280	1,1339	1,1399	1,1458	1,1517	1,1576	1,1636	1,1695	1,1754
22	1,1181	1,1240	1,1299	1,1358	1,1417	1,1476	1,1535	1,1594	1,1653	1,1712
23	1,1141	1,1200	1,1258	1,1317	1,1376	1,1435	1,1494	1,1553	1,1611	1,1670
24	1,1101	1,1159	1,1218	1,1277	1,1335	1,1394	1,1453	1,1511	1,1570	1,1629
25	1,1061	1,1119	1,1178	1,1236	1,1295	1,1353	1,1412	1,1470	1,1529	1,1587

teplota "t"	barometrický tlak [hPa]					relativna vlkosť vzduchu 40%				
[°C]	950	955	960	965	970	975	980	985	990	995
15	1,1458	1,1519	1,1579	1,1640	1,1700	1,1761	1,1821	1,1882	1,1942	1,2003
16	1,1437	1,1498	1,1559	1,1620	1,1682	1,1743	1,1804	1,1865	1,1927	1,1988
17	1,1375	1,1435	1,1495	1,1555	1,1615	1,1675	1,1735	1,1795	1,1855	1,1915
18	1,1334	1,1393	1,1453	1,1513	1,1573	1,1633	1,1693	1,1753	1,1813	1,1872
19	1,1292	1,1352	1,1411	1,1471	1,1531	1,1590	1,1650	1,1710	1,1769	1,1829
20	1,1251	1,1310	1,1370	1,1429	1,1489	1,1548	1,1608	1,1667	1,1727	1,1786
21	1,1210	1,1269	1,1329	1,1388	1,1447	1,1506	1,1566	1,1625	1,1684	1,1743
22	1,1169	1,1228	1,1287	1,1346	1,1405	1,1464	1,1523	1,1582	1,1641	1,1700
23	1,1128	1,1187	1,1246	1,1305	1,1363	1,1422	1,1481	1,1540	1,1599	1,1658
24	1,1088	1,1147	1,1205	1,1264	1,1323	1,1381	1,1440	1,1499	1,1557	1,1616
25	1,1047	1,1105	1,1164	1,1222	1,1281	1,1339	1,1398	1,1456	1,1515	1,1573

teplota "t"	barometrický tlak [hPa]					relativna vlkosť vzduchu 50%				
[°C]	950	955	960	965	970	975	980	985	990	995
15	1,1451	1,1511	1,1571	1,1632	1,1692	1,1753	1,1813	1,1874	1,1934	1,1995
16	1,1408	1,1468	1,1529	1,1589	1,1649	1,1710	1,1770	1,1830	1,1890	1,1951
17	1,1367	1,1427	1,1487	1,1547	1,1607	1,1667	1,1727	1,1787	1,1847	1,1907
18	1,1324	1,1384	1,1444	1,1504	1,1563	1,1623	1,1683	1,1743	1,1803	1,1863
19	1,1282	1,1342	1,1401	1,1461	1,1521	1,1580	1,1640	1,1700	1,1759	1,1819
20	1,1241	1,1300	1,1359	1,1419	1,1478	1,1538	1,1597	1,1657	1,1716	1,1776
21	1,1199	1,1258	1,1318	1,1377	1,1436	1,1495	1,1555	1,1614	1,1673	1,1732
22	1,1157	1,1216	1,1275	1,1334	1,1393	1,1452	1,1511	1,1570	1,1629	1,1688
23	1,1116	1,1175	1,1234	1,1293	1,1351	1,1410	1,1469	1,1528	1,1587	1,1646
24	1,1074	1,1133	1,1191	1,1250	1,1309	1,1367	1,1426	1,1485	1,1543	1,1602
25	1,1033	1,1091	1,1150	1,1208	1,1267	1,1325	1,1384	1,1442	1,1501	1,1559

teplota "t"	barometrický tlak [hPa]					relativna vlkosť vzduchu 60%				
[°C]	950	955	960	965	970	975	980	985	990	995
15	1,1443	1,1504	1,1564	1,1625	1,1685	1,1746	1,1806	1,1867	1,1927	1,1988
16	1,1400	1,1460	1,1521	1,1581	1,1641	1,1702	1,1762	1,1822	1,1882	1,1943
17	1,1358	1,1418	1,1478	1,1538	1,1598	1,1658	1,1718	1,1778	1,1838	1,1898
18	1,1315	1,1374	1,1434	1,1494	1,1554	1,1614	1,1674	1,1734	1,1794	1,1853
19	1,1273	1,1332	1,1392	1,1452	1,1511	1,1571	1,1631	1,1690	1,1750	1,1810
20	1,1230	1,1289	1,1349	1,1408	1,1468	1,1527	1,1587	1,1646	1,1706	1,1765
21	1,1188	1,1247	1,1307	1,1366	1,1425	1,1484	1,1544	1,1603	1,1662	1,1721
22	1,1145	1,1204	1,1263	1,1322	1,1381	1,1440	1,1499	1,1558	1,1617	1,1676
23	1,1103	1,1162	1,1221	1,1280	1,1338	1,1397	1,1456	1,1515	1,1574	1,1633
24	1,1061	1,1120	1,1178	1,1237	1,1296	1,1354	1,1413	1,1472	1,1530	1,1589
25	1,1019	1,1077	1,1136	1,1194	1,1253	1,1311	1,1370	1,1428	1,1487	1,1545

**Hodnoty hustoty suchého vzduchu " $\rho_a$ " v kg/m<sup>3</sup>**  
pre barometrický tlak v hPa a teploty v °C

teplota "t"	barometrický tlak [hPa]					suchý vzduch					
[°C]	1000	1005	1010	1015	1020	1025	1030	1035	1040	1045	1050
15	1,2094	1,2155	1,2215	1,2276	1,2336	1,2397	1,2457	1,2518	1,2578	1,2639	1,2699
16	1,2052	1,2113	1,2173	1,2233	1,2293	1,2354	1,2414	1,2474	1,2535	1,2595	1,2655
17	1,2011	1,2071	1,2131	1,2191	1,2251	1,2311	1,2371	1,2431	1,2491	1,2551	1,2611
18	1,1969	1,2029	1,2089	1,2149	1,2209	1,2269	1,2328	1,2388	1,2448	1,2508	1,2568
19	1,1928	1,1988	1,2047	1,2107	1,2167	1,2226	1,2286	1,2346	1,2405	1,2465	1,2525
20	1,1887	1,1947	1,2006	1,2066	1,2125	1,2185	1,2244	1,2304	1,2363	1,2422	1,2482
21	1,1847	1,1906	1,1965	1,2025	1,2084	1,2143	1,2202	1,2262	1,2321	1,2380	1,2439
22	1,1807	1,1866	1,1925	1,1984	1,2043	1,2102	1,2161	1,2220	1,2279	1,2338	1,2397
23	1,1767	1,1825	1,1884	1,1943	1,2002	1,2061	1,2120	1,2179	1,2237	1,2296	1,2355
24	1,1727	1,1786	1,1844	1,1903	1,1962	1,2020	1,2079	1,2137	1,2196	1,2255	1,2313
25	1,1687	1,1746	1,1804	1,1863	1,1921	1,1980	1,2038	1,2097	1,2155	1,2214	1,2272

teplota "t"	barometrický tlak [hPa]					relativna vlkosť vzduchu 30%					
[°C]	1000	1005	1010	1015	1020	1025	1030	1035	1040	1045	1050
15	1,2071	1,2131	1,2192	1,2252	1,2313	1,2373	1,2434	1,2494	1,2555	1,2615	1,2676
16	1,2027	1,2088	1,2148	1,2208	1,2269	1,2329	1,2389	1,2449	1,2510	1,2570	1,2630
17	1,1984	1,2044	1,2104	1,2165	1,2225	1,2285	1,2345	1,2405	1,2465	1,2525	1,2585
18	1,1941	1,2001	1,2061	1,2121	1,2181	1,2241	1,2300	1,2360	1,2420	1,2480	1,2540
19	1,1899	1,1958	1,2018	1,2077	1,2137	1,2197	1,2256	1,2316	1,2376	1,2435	1,2495
20	1,1856	1,1915	1,1975	1,2034	1,2094	1,2153	1,2213	1,2272	1,2332	1,2391	1,2450
21	1,1813	1,1873	1,1932	1,1991	1,2051	1,2110	1,2169	1,2228	1,2288	1,2347	1,2406
22	1,1771	1,1830	1,1889	1,1948	1,2007	1,2067	1,2126	1,2185	1,2244	1,2303	1,2362
23	1,1729	1,1788	1,1847	1,1906	1,1965	1,2023	1,2082	1,2141	1,2200	1,2259	1,2318
24	1,1687	1,1746	1,1805	1,1863	1,1922	1,1981	1,2039	1,2098	1,2157	1,2215	1,2274
25	1,1646	1,1704	1,1762	1,1821	1,1879	1,1938	1,1996	1,2055	1,2113	1,2172	1,2230

teplota "t"	barometrický tlak [hPa]					relativna vlkosť vzduchu 40%					
[°C]	1000	1005	1010	1015	1020	1025	1030	1035	1040	1045	1050
15	1,2063	1,2124	1,2184	1,2245	1,2305	1,2366	1,2426	1,2487	1,2547	1,2608	1,2668
16	1,2049	1,2111	1,2172	1,2233	1,2294	1,2356	1,2417	1,2478	1,2539	1,2601	1,2662
17	1,1975	1,2035	1,2095	1,2155	1,2216	1,2276	1,2336	1,2396	1,2456	1,2516	1,2576
18	1,1932	1,1992	1,2052	1,2112	1,2172	1,2232	1,2292	1,2351	1,2411	1,2471	1,2531
19	1,1889	1,1948	1,2008	1,2067	1,2127	1,2187	1,2246	1,2306	1,2366	1,2425	1,2485
20	1,1846	1,1905	1,1964	1,2024	1,2083	1,2143	1,2202	1,2262	1,2321	1,2381	1,2440
21	1,1803	1,1862	1,1921	1,1980	1,2040	1,2099	1,2158	1,2217	1,2277	1,2336	1,2395
22	1,1760	1,1819	1,1878	1,1937	1,1996	1,2055	1,2114	1,2173	1,2232	1,2291	1,2350
23	1,1717	1,1775	1,1834	1,1893	1,1952	1,2011	1,2070	1,2128	1,2187	1,2246	1,2305
24	1,1675	1,1733	1,1792	1,1850	1,1909	1,1968	1,2026	1,2085	1,2144	1,2202	1,2261
25	1,1632	1,1690	1,1748	1,1807	1,1865	1,1924	1,1982	1,2041	1,2099	1,2158	1,2216

teplota "t"	barometrický tlak [hPa]					relativna vlkosť vzduchu 50%					
[°C]	1000	1005	1010	1015	1020	1025	1030	1035	1040	1045	1050
15	1,2055	1,2116	1,2176	1,2237	1,2297	1,2358	1,2418	1,2479	1,2539	1,2600	1,2660
16	1,2011	1,2071	1,2132	1,2192	1,2252	1,2313	1,2373	1,2433	1,2493	1,2554	1,2614
17	1,1967	1,2027	1,2087	1,2147	1,2208	1,2268	1,2328	1,2388	1,2448	1,2508	1,2568
18	1,1923	1,1982	1,2042	1,2102	1,2162	1,2222	1,2282	1,2341	1,2401	1,2461	1,2521
19	1,1879	1,1938	1,1998	1,2057	1,2117	1,2177	1,2236	1,2296	1,2356	1,2415	1,2475
20	1,1835	1,1895	1,1954	1,2014	1,2073	1,2133	1,2192	1,2252	1,2311	1,2371	1,2430
21	1,1792	1,1851	1,1910	1,1969	1,2029	1,2088	1,2147	1,2206	1,2266	1,2325	1,2384
22	1,1748	1,1807	1,1866	1,1925	1,1984	1,2043	1,2102	1,2161	1,2220	1,2279	1,2338
23	1,1705	1,1763	1,1822	1,1881	1,1940	1,1999	1,2058	1,2116	1,2175	1,2234	1,2293
24	1,1661	1,1719	1,1778	1,1836	1,1895	1,1954	1,2012	1,2071	1,2130	1,2188	1,2247
25	1,1618	1,1676	1,1734	1,1793	1,1851	1,1910	1,1968	1,2027	1,2085	1,2144	1,2202

teplota "t"	barometrický tlak [hPa]					relativna vlkosť vzduchu 60%					
[°C]	1000	1005	1010	1015	1020	1025	1030	1035	1040	1045	1050
15	1,2048	1,2109	1,2169	1,2230	1,2290	1,2351	1,2411	1,2472	1,2532	1,2593	1,2653
16	1,2003	1,2063	1,2124	1,2184	1,2244	1,2305	1,2365	1,2425	1,2485	1,2546	1,2606
17	1,1958	1,2018	1,2078	1,2138	1,2199	1,2259	1,2319	1,2379	1,2439	1,2499	1,2559
18	1,1913	1,1973	1,2033	1,2093	1,2153	1,2213	1,2273	1,2332	1,2392	1,2452	1,2512
19	1,1869	1,1929	1,1989	1,2048	1,2108	1,2168	1,2227	1,2287	1,2347	1,2406	1,2466
20	1,1825	1,1884	1,1943	1,2003	1,2062	1,2122	1,2181	1,2241	1,2300	1,2360	1,2419
21	1,1781	1,1840	1,1899	1,1958	1,2018	1,2077	1,2136	1,2195	1,2255	1,2314	1,2373
22	1,1736	1,1795	1,1854	1,1913	1,1972	1,2031	1,2090	1,2149	1,2208	1,2267	1,2326
23	1,1692	1,1750	1,1809	1,1868	1,1927	1,1986	1,2045	1,2103	1,2162	1,2221	1,2280
24	1,1648	1,1706	1,1765	1,1823	1,1882	1,1941	1,1999	1,2058	1,2117	1,2175	1,2234
25	1,1604	1,1662	1,1720	1,1779	1,1837	1,1896	1,1954	1,2013	1,2071	1,2130	1,2188



**Tab 1A-7: Tabuľka pre výpočet objemu vody  
zo zdanlivej hmotnosti vo vzduchu a z teploty  
(pre konvenčnú hmotnosť závažia 8000 kg/m<sup>3</sup>)**

**Hodnoty prevodového koeficientu "k<sub>w</sub>" v dm<sup>3</sup>/kg  
pre hustotu vzduchu "ρ<sub>a</sub>" v kg/m<sup>3</sup> a teplotu v °C**

teplota	hustota vzduchu "ρ <sub>a</sub> " [kg/m <sup>3</sup> ]									
"t" [°C]	1,00	1,01	1,02	1,03	1,04	1,05	1,06	1,07	1,08	1,09
15,0	1,001778	1,001787	1,001795	1,001804	1,001813	1,001822	1,001831	1,001839	1,001848	1,001857
15,1	1,001793	1,001802	1,001811	1,001820	1,001829	1,001837	1,001846	1,001855	1,001864	1,001872
15,2	1,001809	1,001818	1,001827	1,001835	1,001844	1,001853	1,001862	1,001870	1,001879	1,001888
15,3	1,001825	1,001833	1,001842	1,001851	1,001860	1,001869	1,001877	1,001886	1,001895	1,001904
15,4	1,001840	1,001849	1,001858	1,001867	1,001876	1,001884	1,001893	1,001902	1,001911	1,001919
15,5	1,001856	1,001865	1,001874	1,001883	1,001891	1,001900	1,001909	1,001918	1,001927	1,001935
15,6	1,001872	1,001881	1,001890	1,001899	1,001907	1,001916	1,001925	1,001934	1,001943	1,001951
15,7	1,001888	1,001897	1,001906	1,001915	1,001924	1,001932	1,001941	1,001950	1,001959	1,001967
15,8	1,001905	1,001913	1,001922	1,001931	1,001940	1,001949	1,001957	1,001966	1,001975	1,001984
15,9	1,001921	1,001930	1,001938	1,001947	1,001956	1,001965	1,001974	1,001982	1,001991	1,002000
16,0	1,001937	1,001946	1,001955	1,001964	1,001972	1,001981	1,001990	1,001999	1,002008	1,002016
16,1	1,001954	1,001963	1,001971	1,001980	1,001989	1,001998	1,002007	1,002015	1,002024	1,002033
16,2	1,001970	1,001979	1,001988	1,001997	1,002006	1,002014	1,002023	1,002032	1,002041	1,002050
16,3	1,001987	1,001996	1,002005	1,002014	1,002022	1,002031	1,002040	1,002049	1,002058	1,002066
16,4	1,002004	1,002013	1,002022	1,002030	1,002039	1,002048	1,002057	1,002066	1,002074	1,002083
16,5	1,002021	1,002030	1,002039	1,002047	1,002056	1,002065	1,002074	1,002083	1,002091	1,002100
16,6	1,002038	1,002047	1,002056	1,002064	1,002073	1,002082	1,002091	1,002100	1,002108	1,002117
16,7	1,002055	1,002064	1,002073	1,002082	1,002090	1,002099	1,002108	1,002117	1,002126	1,002134
16,8	1,002072	1,002081	1,002090	1,002099	1,002108	1,002116	1,002125	1,002134	1,002143	1,002152
16,9	1,002090	1,002099	1,002107	1,002116	1,002125	1,002134	1,002143	1,002151	1,002160	1,002169
17,0	1,002107	1,002116	1,002125	1,002134	1,002142	1,002151	1,002160	1,002169	1,002178	1,002186
17,1	1,002125	1,002134	1,002142	1,002151	1,002160	1,002169	1,002178	1,002186	1,002195	1,002204
17,2	1,002143	1,002151	1,002160	1,002169	1,002178	1,002187	1,002195	1,002204	1,002213	1,002222
17,3	1,002160	1,002169	1,002178	1,002187	1,002196	1,002204	1,002213	1,002222	1,002231	1,002240
17,4	1,002178	1,002187	1,002196	1,002205	1,002213	1,002222	1,002231	1,002240	1,002249	1,002257
17,5	1,002196	1,002205	1,002214	1,002223	1,002231	1,002240	1,002249	1,002258	1,002267	1,002275
17,6	1,002214	1,002223	1,002232	1,002241	1,002250	1,002258	1,002267	1,002276	1,002285	1,002294
17,7	1,002233	1,002241	1,002250	1,002259	1,002268	1,002277	1,002285	1,002294	1,002303	1,002312
17,8	1,002251	1,002260	1,002269	1,002277	1,002286	1,002295	1,002304	1,002313	1,002321	1,002330
17,9	1,002269	1,002278	1,002287	1,002296	1,002305	1,002313	1,002322	1,002331	1,002340	1,002349
18,0	1,002288	1,002297	1,002306	1,002314	1,002323	1,002332	1,002341	1,002350	1,002358	1,002367
18,1	1,002307	1,002315	1,002324	1,002333	1,002342	1,002351	1,002359	1,002368	1,002377	1,002386
18,2	1,002325	1,002334	1,002343	1,002352	1,002361	1,002369	1,002378	1,002387	1,002396	1,002405
18,3	1,002344	1,002353	1,002362	1,002371	1,002379	1,002388	1,002397	1,002406	1,002415	1,002423
18,4	1,002363	1,002372	1,002381	1,002390	1,002398	1,002407	1,002416	1,002425	1,002434	1,002442
18,5	1,002382	1,002391	1,002400	1,002409	1,002417	1,002426	1,002435	1,002444	1,002453	1,002461
18,6	1,002401	1,002410	1,002419	1,002428	1,002437	1,002445	1,002454	1,002463	1,002472	1,002481
18,7	1,002421	1,002430	1,002438	1,002447	1,002456	1,002465	1,002474	1,002482	1,002491	1,002500
18,8	1,002440	1,002449	1,002458	1,002467	1,002475	1,002484	1,002493	1,002502	1,002511	1,002519
18,9	1,002460	1,002468	1,002477	1,002486	1,002495	1,002504	1,002512	1,002521	1,002530	1,002539
19,0	1,002479	1,002488	1,002497	1,002506	1,002514	1,002523	1,002532	1,002541	1,002550	1,002558
19,1	1,002499	1,002508	1,002517	1,002525	1,002534	1,002543	1,002552	1,002561	1,002569	1,002578
19,2	1,002519	1,002528	1,002536	1,002545	1,002554	1,002563	1,002572	1,002580	1,002589	1,002598
19,3	1,002539	1,002548	1,002556	1,002565	1,002574	1,002583	1,002592	1,002600	1,002609	1,002618
19,4	1,002559	1,002568	1,002576	1,002585	1,002594	1,002603	1,002612	1,002620	1,002629	1,002638
19,5	1,002579	1,002588	1,002597	1,002605	1,002614	1,002623	1,002632	1,002641	1,002649	1,002658
19,6	1,002599	1,002608	1,002617	1,002626	1,002634	1,002643	1,002652	1,002661	1,002670	1,002678
19,7	1,002620	1,002628	1,002637	1,002646	1,002655	1,002664	1,002672	1,002681	1,002690	1,002699
19,8	1,002640	1,002649	1,002658	1,002666	1,002675	1,002684	1,002693	1,002702	1,002710	1,002719
19,9	1,002661	1,002669	1,002678	1,002687	1,002696	1,002705	1,002713	1,002722	1,002731	1,002740

**Hodnoty prevodového koeficientu "k<sub>w</sub>" v dm<sup>3</sup>/kg**  
**pre hustotu vzduchu "ρ<sub>a</sub>" v kg/m<sup>3</sup> a teplotu v °C**

teplota	hustota vzduchu "ρ <sub>a</sub> " [kg/m <sup>3</sup> ]									
"t" [°C]	1,10	1,11	1,12	1,13	1,14	1,15	1,16	1,17	1,18	1,19
15,0	1,001866	1,001875	1,001883	1,001892	1,001901	1,001910	1,001919	1,001927	1,001936	1,001945
15,1	1,001881	1,001890	1,001899	1,001908	1,001916	1,001925	1,001934	1,001943	1,001952	1,001960
15,2	1,001897	1,001906	1,001914	1,001923	1,001932	1,001941	1,001950	1,001958	1,001967	1,001976
15,3	1,001912	1,001921	1,001930	1,001939	1,001948	1,001956	1,001965	1,001974	1,001983	1,001992
15,4	1,001928	1,001937	1,001946	1,001955	1,001963	1,001972	1,001981	1,001990	1,001999	1,002007
15,5	1,001944	1,001953	1,001962	1,001971	1,001979	1,001988	1,001997	1,002006	1,002014	1,002023
15,6	1,001960	1,001969	1,001978	1,001987	1,001995	1,002004	1,002013	1,002022	1,002030	1,002039
15,7	1,001976	1,001985	1,001994	1,002003	1,002011	1,002020	1,002029	1,002038	1,002047	1,002055
15,8	1,001992	1,002001	1,002010	1,002019	1,002028	1,002036	1,002045	1,002054	1,002063	1,002072
15,9	1,002009	1,002018	1,002026	1,002035	1,002044	1,002053	1,002062	1,002070	1,002079	1,002088
16,0	1,002025	1,002034	1,002043	1,002052	1,002060	1,002069	1,002078	1,002087	1,002096	1,002104
16,1	1,002042	1,002051	1,002059	1,002068	1,002077	1,002086	1,002094	1,002103	1,002112	1,002121
16,2	1,002058	1,002067	1,002076	1,002085	1,002094	1,002102	1,002111	1,002120	1,002129	1,002137
16,3	1,002075	1,002084	1,002093	1,002101	1,002110	1,002119	1,002128	1,002137	1,002145	1,002154
16,4	1,002092	1,002101	1,002110	1,002118	1,002127	1,002136	1,002145	1,002153	1,002162	1,002171
16,5	1,002109	1,002118	1,002126	1,002135	1,002144	1,002153	1,002162	1,002170	1,002179	1,002188
16,6	1,002126	1,002135	1,002144	1,002152	1,002161	1,002170	1,002179	1,002187	1,002196	1,002205
16,7	1,002143	1,002152	1,002161	1,002169	1,002178	1,002187	1,002196	1,002205	1,002213	1,002222
16,8	1,002160	1,002169	1,002178	1,002187	1,002196	1,002204	1,002213	1,002222	1,002231	1,002240
16,9	1,002178	1,002187	1,002195	1,002204	1,002213	1,002222	1,002231	1,002239	1,002248	1,002257
17,0	1,002195	1,002204	1,002213	1,002222	1,002230	1,002239	1,002248	1,002257	1,002266	1,002274
17,1	1,002213	1,002222	1,002230	1,002239	1,002248	1,002257	1,002266	1,002274	1,002283	1,002292
17,2	1,002231	1,002239	1,002248	1,002257	1,002266	1,002274	1,002283	1,002292	1,002301	1,002310
17,3	1,002248	1,002257	1,002266	1,002275	1,002284	1,002292	1,002301	1,002310	1,002319	1,002327
17,4	1,002266	1,002275	1,002284	1,002293	1,002301	1,002310	1,002319	1,002328	1,002337	1,002345
17,5	1,002284	1,002293	1,002302	1,002311	1,002319	1,002328	1,002337	1,002346	1,002355	1,002363
17,6	1,002302	1,002311	1,002320	1,002329	1,002338	1,002346	1,002355	1,002364	1,002373	1,002382
17,7	1,002321	1,002329	1,002338	1,002347	1,002356	1,002365	1,002373	1,002382	1,002391	1,002400
17,8	1,002339	1,002348	1,002357	1,002365	1,002374	1,002383	1,002392	1,002401	1,002409	1,002418
17,9	1,002357	1,002366	1,002375	1,002384	1,002393	1,002401	1,002410	1,002419	1,002428	1,002437
18,0	1,002376	1,002385	1,002394	1,002402	1,002411	1,002420	1,002429	1,002438	1,002446	1,002455
18,1	1,002395	1,002403	1,002412	1,002421	1,002430	1,002439	1,002447	1,002456	1,002465	1,002474
18,2	1,002413	1,002422	1,002431	1,002440	1,002449	1,002457	1,002466	1,002475	1,002484	1,002493
18,3	1,002432	1,002441	1,002450	1,002459	1,002467	1,002476	1,002485	1,002494	1,002503	1,002511
18,4	1,002451	1,002460	1,002469	1,002478	1,002486	1,002495	1,002504	1,002513	1,002522	1,002530
18,5	1,002470	1,002479	1,002488	1,002497	1,002505	1,002514	1,002523	1,002532	1,002541	1,002549
18,6	1,002489	1,002498	1,002507	1,002516	1,002525	1,002533	1,002542	1,002551	1,002560	1,002569
18,7	1,002509	1,002518	1,002526	1,002535	1,002544	1,002553	1,002562	1,002570	1,002579	1,002588
18,8	1,002528	1,002537	1,002546	1,002555	1,002563	1,002572	1,002581	1,002590	1,002599	1,002607
18,9	1,002548	1,002556	1,002565	1,002574	1,002583	1,002592	1,002600	1,002609	1,002618	1,002627
19,0	1,002567	1,002576	1,002585	1,002594	1,002602	1,002611	1,002620	1,002629	1,002638	1,002646
19,1	1,002587	1,002596	1,002605	1,002613	1,002622	1,002631	1,002640	1,002649	1,002657	1,002666
19,2	1,002607	1,002616	1,002624	1,002633	1,002642	1,002651	1,002660	1,002668	1,002677	1,002686
19,3	1,002627	1,002636	1,002644	1,002653	1,002662	1,002671	1,002680	1,002688	1,002697	1,002706
19,4	1,002647	1,002656	1,002664	1,002673	1,002682	1,002691	1,002700	1,002708	1,002717	1,002726
19,5	1,002667	1,002676	1,002685	1,002693	1,002702	1,002711	1,002720	1,002729	1,002737	1,002746
19,6	1,002687	1,002696	1,002705	1,002714	1,002722	1,002731	1,002740	1,002749	1,002758	1,002766
19,7	1,002708	1,002716	1,002725	1,002734	1,002743	1,002752	1,002760	1,002769	1,002778	1,002787
19,8	1,002728	1,002737	1,002746	1,002754	1,002763	1,002772	1,002781	1,002790	1,002798	1,002807
19,9	1,002749	1,002757	1,002766	1,002775	1,002784	1,002793	1,002801	1,002810	1,002819	1,002828

**Hodnoty prevodového koeficientu "k<sub>w</sub>" v dm<sup>3</sup>/kg  
pre hustotu vzduchu "ρ<sub>a</sub>" v kg/m<sup>3</sup> a teplotu v °C**

teplota "t" [°C]	hustota vzduchu "ρ <sub>a</sub> " [kg/m <sup>3</sup> ]						
	1,20	1,21	1,22	1,23	1,24	1,25	1,26
15,0	1,001954	1,001962	1,001971	1,001980	1,001989	1,001998	1,002006
15,1	1,001969	1,001978	1,001987	1,001995	1,002004	1,002013	1,002022
15,2	1,001985	1,001993	1,002002	1,002011	1,002020	1,002029	1,002037
15,3	1,002000	1,002009	1,002018	1,002027	1,002036	1,002044	1,002053
15,4	1,002016	1,002025	1,002034	1,002043	1,002051	1,002060	1,002069
15,5	1,002032	1,002041	1,002050	1,002058	1,002067	1,002076	1,002085
15,6	1,002048	1,002057	1,002066	1,002074	1,002083	1,002092	1,002101
15,7	1,002064	1,002073	1,002082	1,002091	1,002099	1,002108	1,002117
15,8	1,002080	1,002089	1,002098	1,002107	1,002116	1,002124	1,002133
15,9	1,002097	1,002105	1,002114	1,002123	1,002132	1,002141	1,002149
16,0	1,002113	1,002122	1,002131	1,002139	1,002148	1,002157	1,002166
16,1	1,002130	1,002138	1,002147	1,002156	1,002165	1,002174	1,002182
16,2	1,002146	1,002155	1,002164	1,002173	1,002181	1,002190	1,002199
16,3	1,002163	1,002172	1,002181	1,002189	1,002198	1,002207	1,002216
16,4	1,002180	1,002189	1,002197	1,002206	1,002215	1,002224	1,002233
16,5	1,002197	1,002206	1,002214	1,002223	1,002232	1,002241	1,002250
16,6	1,002214	1,002223	1,002231	1,002240	1,002249	1,002258	1,002267
16,7	1,002231	1,002240	1,002249	1,002257	1,002266	1,002275	1,002284
16,8	1,002248	1,002257	1,002266	1,002275	1,002283	1,002292	1,002301
16,9	1,002266	1,002274	1,002283	1,002292	1,002301	1,002310	1,002318
17,0	1,002283	1,002292	1,002301	1,002310	1,002318	1,002327	1,002336
17,1	1,002301	1,002310	1,002318	1,002327	1,002336	1,002345	1,002354
17,2	1,002318	1,002327	1,002336	1,002345	1,002354	1,002362	1,002371
17,3	1,002336	1,002345	1,002354	1,002363	1,002371	1,002380	1,002389
17,4	1,002354	1,002363	1,002372	1,002381	1,002389	1,002398	1,002407
17,5	1,002372	1,002381	1,002390	1,002399	1,002407	1,002416	1,002425
17,6	1,002390	1,002399	1,002408	1,002417	1,002426	1,002434	1,002443
17,7	1,002409	1,002417	1,002426	1,002435	1,002444	1,002453	1,002461
17,8	1,002427	1,002436	1,002444	1,002453	1,002462	1,002471	1,002480
17,9	1,002445	1,002454	1,002463	1,002472	1,002481	1,002489	1,002498
18,0	1,002464	1,002473	1,002481	1,002490	1,002499	1,002508	1,002517
18,1	1,002483	1,002491	1,002500	1,002509	1,002518	1,002527	1,002535
18,2	1,002501	1,002510	1,002519	1,002528	1,002537	1,002545	1,002554
18,3	1,002520	1,002529	1,002538	1,002547	1,002555	1,002564	1,002573
18,4	1,002539	1,002548	1,002557	1,002566	1,002574	1,002583	1,002592
18,5	1,002558	1,002567	1,002576	1,002585	1,002593	1,002602	1,002611
18,6	1,002577	1,002586	1,002595	1,002604	1,002613	1,002621	1,002630
18,7	1,002597	1,002606	1,002614	1,002623	1,002632	1,002641	1,002650
18,8	1,002616	1,002625	1,002634	1,002643	1,002651	1,002660	1,002669
18,9	1,002636	1,002644	1,002653	1,002662	1,002671	1,002680	1,002688
19,0	1,002655	1,002664	1,002673	1,002682	1,002690	1,002699	1,002708
19,1	1,002675	1,002684	1,002693	1,002701	1,002710	1,002719	1,002728
19,2	1,002695	1,002704	1,002712	1,002721	1,002730	1,002739	1,002748
19,3	1,002715	1,002724	1,002732	1,002741	1,002750	1,002759	1,002768
19,4	1,002735	1,002744	1,002752	1,002761	1,002770	1,002779	1,002788
19,5	1,002755	1,002764	1,002773	1,002781	1,002790	1,002799	1,002808
19,6	1,002775	1,002784	1,002793	1,002802	1,002810	1,002819	1,002828
19,7	1,002796	1,002804	1,002813	1,002822	1,002831	1,002840	1,002848
19,8	1,002816	1,002825	1,002834	1,002842	1,002851	1,002860	1,002869
19,9	1,002837	1,002845	1,002854	1,002863	1,002872	1,002881	1,002889

**Hodnoty prevodového koeficientu " $k_w$ " v dm<sup>3</sup>/kg**  
pre hustotu vzduchu " $\rho_a$ " v kg/m<sup>3</sup> a teplotu v °C

teplota "t" [°C]	hustota vzduchu " $\rho_a$ " [kg/m <sup>3</sup> ]									
	1,00	1,01	1,02	1,03	1,04	1,05	1,06	1,07	1,08	1,09
20,0	1,002681	1,002690	1,002699	1,002708	1,002716	1,002725	1,002734	1,002743	1,002752	1,002760
20,1	1,002702	1,002711	1,002720	1,002728	1,002737	1,002746	1,002755	1,002764	1,002772	1,002781
20,2	1,002723	1,002732	1,002741	1,002749	1,002758	1,002767	1,002776	1,002785	1,002793	1,002802
20,3	1,002744	1,002753	1,002762	1,002770	1,002779	1,002788	1,002797	1,002806	1,002814	1,002823
20,4	1,002765	1,002774	1,002783	1,002791	1,002800	1,002809	1,002818	1,002827	1,002835	1,002844
20,5	1,002786	1,002795	1,002804	1,002813	1,002821	1,002830	1,002839	1,002848	1,002857	1,002866
20,6	1,002808	1,002816	1,002825	1,002834	1,002843	1,002852	1,002860	1,002869	1,002878	1,002887
20,7	1,002829	1,002838	1,002847	1,002855	1,002864	1,002873	1,002882	1,002891	1,002899	1,002908
20,8	1,002851	1,002859	1,002868	1,002877	1,002886	1,002895	1,002903	1,002912	1,002921	1,002930
20,9	1,002872	1,002881	1,002890	1,002899	1,002907	1,002916	1,002925	1,002934	1,002943	1,002951
21,0	1,002894	1,002903	1,002912	1,002920	1,002929	1,002938	1,002947	1,002956	1,002964	1,002973
21,1	1,002916	1,002925	1,002933	1,002942	1,002951	1,002960	1,002969	1,002977	1,002986	1,002995
21,2	1,002938	1,002947	1,002955	1,002964	1,002973	1,002982	1,002991	1,002999	1,003008	1,003017
21,3	1,002960	1,002969	1,002977	1,002986	1,002995	1,003004	1,003013	1,003021	1,003030	1,003039
21,4	1,002982	1,002991	1,003000	1,003008	1,003017	1,003026	1,003035	1,003044	1,003052	1,003061
21,5	1,003004	1,003013	1,003022	1,003031	1,003040	1,003048	1,003057	1,003066	1,003075	1,003084
21,6	1,003027	1,003035	1,003044	1,003053	1,003062	1,003071	1,003080	1,003088	1,003097	1,003106
21,7	1,003049	1,003058	1,003067	1,003076	1,003084	1,003093	1,003102	1,003111	1,003120	1,003128
21,8	1,003072	1,003081	1,003089	1,003098	1,003107	1,003116	1,003125	1,003133	1,003142	1,003151
21,9	1,003094	1,003103	1,003112	1,003121	1,003130	1,003139	1,003147	1,003156	1,003165	1,003174
22,0	1,003117	1,003126	1,003135	1,003144	1,003153	1,003161	1,003170	1,003179	1,003188	1,003197
22,1	1,003140	1,003149	1,003158	1,003167	1,003175	1,003184	1,003193	1,003202	1,003211	1,003220
22,2	1,003163	1,003172	1,003181	1,003190	1,003198	1,003207	1,003216	1,003225	1,003234	1,003243
22,3	1,003186	1,003195	1,003204	1,003213	1,003222	1,003230	1,003239	1,003248	1,003257	1,003266
22,4	1,003210	1,003218	1,003227	1,003236	1,003245	1,003254	1,003262	1,003271	1,003280	1,003289
22,5	1,003233	1,003242	1,003251	1,003259	1,003268	1,003277	1,003286	1,003295	1,003303	1,003312
22,6	1,003256	1,003265	1,003274	1,003283	1,003292	1,003301	1,003309	1,003318	1,003327	1,003336
22,7	1,003280	1,003289	1,003298	1,003306	1,003315	1,003324	1,003333	1,003342	1,003351	1,003359
22,8	1,003304	1,003312	1,003321	1,003330	1,003339	1,003348	1,003357	1,003365	1,003374	1,003383
22,9	1,003327	1,003336	1,003345	1,003354	1,003363	1,003372	1,003380	1,003389	1,003398	1,003407
23,0	1,003351	1,003360	1,003369	1,003378	1,003387	1,003395	1,003404	1,003413	1,003422	1,003431
23,1	1,003375	1,003384	1,003393	1,003402	1,003411	1,003419	1,003428	1,003437	1,003446	1,003455
23,2	1,003399	1,003408	1,003417	1,003426	1,003435	1,003444	1,003452	1,003461	1,003470	1,003479
23,3	1,003424	1,003432	1,003441	1,003450	1,003459	1,003468	1,003477	1,003485	1,003494	1,003503
23,4	1,003448	1,003457	1,003466	1,003474	1,003483	1,003492	1,003501	1,003510	1,003519	1,003527
23,5	1,003472	1,003481	1,003490	1,003499	1,003508	1,003516	1,003525	1,003534	1,003543	1,003552
23,6	1,003497	1,003506	1,003515	1,003523	1,003532	1,003541	1,003550	1,003559	1,003567	1,003576
23,7	1,003522	1,003530	1,003539	1,003548	1,003557	1,003566	1,003574	1,003583	1,003592	1,003601
23,8	1,003546	1,003555	1,003564	1,003573	1,003582	1,003590	1,003599	1,003608	1,003617	1,003626
23,9	1,003571	1,003580	1,003589	1,003598	1,003606	1,003615	1,003624	1,003633	1,003642	1,003651
24,0	1,003596	1,003605	1,003614	1,003623	1,003631	1,003640	1,003649	1,003658	1,003667	1,003676
24,1	1,003621	1,003630	1,003639	1,003648	1,003656	1,003665	1,003674	1,003683	1,003692	1,003701
24,2	1,003646	1,003655	1,003664	1,003673	1,003682	1,003690	1,003699	1,003708	1,003717	1,003726
24,3	1,003672	1,003680	1,003689	1,003698	1,003707	1,003716	1,003725	1,003733	1,003742	1,003751
24,4	1,003697	1,003706	1,003715	1,003724	1,003732	1,003741	1,003750	1,003759	1,003768	1,003776
24,5	1,003723	1,003731	1,003740	1,003749	1,003758	1,003767	1,003775	1,003784	1,003793	1,003802
24,6	1,003748	1,003757	1,003766	1,003775	1,003783	1,003792	1,003801	1,003810	1,003819	1,003828
24,7	1,003774	1,003783	1,003792	1,003800	1,003809	1,003818	1,003827	1,003836	1,003844	1,003853
24,8	1,003800	1,003809	1,003817	1,003826	1,003835	1,003844	1,003853	1,003861	1,003870	1,003879
24,9	1,003826	1,003834	1,003843	1,003852	1,003861	1,003870	1,003879	1,003887	1,003896	1,003905
25,0	1,003852	1,003860	1,003869	1,003878	1,003887	1,003896	1,003905	1,003913	1,003922	1,003931

**Hodnoty prevodového koeficientu "k<sub>w</sub>" v dm<sup>3</sup>/kg**  
**pre hustotu vzduchu "ρ<sub>a</sub>" v kg/m<sup>3</sup> a teplotu v °C**

teplota "t" [°C]	hustota vzduchu "ρ <sub>a</sub> " [kg/m <sup>3</sup> ]									
	1,10	1,11	1,12	1,13	1,14	1,15	1,16	1,17	1,18	1,19
20,0	1,002760	1,002769	1,002778	1,002796	1,002805	1,002813	1,002822	1,002831	1,002840	1,002849
20,1	1,002781	1,002790	1,002799	1,002816	1,002825	1,002834	1,002843	1,002852	1,002861	1,002869
20,2	1,002802	1,002811	1,002820	1,002837	1,002846	1,002855	1,002864	1,002873	1,002881	1,002890
20,3	1,002823	1,002832	1,002841	1,002858	1,002867	1,002876	1,002885	1,002894	1,002902	1,002911
20,4	1,002844	1,002853	1,002862	1,002880	1,002888	1,002897	1,002906	1,002915	1,002924	1,002932
20,5	1,002866	1,002874	1,002883	1,002901	1,002910	1,002918	1,002927	1,002936	1,002945	1,002954
20,6	1,002887	1,002896	1,002904	1,002922	1,002931	1,002940	1,002948	1,002957	1,002966	1,002975
20,7	1,002908	1,002917	1,002926	1,002943	1,002952	1,002961	1,002970	1,002979	1,002988	1,002996
20,8	1,002930	1,002939	1,002947	1,002965	1,002974	1,002983	1,002991	1,003000	1,003009	1,003018
20,9	1,002951	1,002960	1,002969	1,002987	1,002995	1,003004	1,003013	1,003022	1,003031	1,003040
21,0	1,002973	1,002982	1,002991	1,003008	1,003017	1,003026	1,003035	1,003044	1,003052	1,003061
21,1	1,002995	1,003004	1,003013	1,003030	1,003039	1,003048	1,003057	1,003066	1,003074	1,003083
21,2	1,003017	1,003026	1,003035	1,003052	1,003061	1,003070	1,003079	1,003087	1,003096	1,003105
21,3	1,003039	1,003048	1,003057	1,003074	1,003083	1,003092	1,003101	1,003110	1,003118	1,003127
21,4	1,003061	1,003070	1,003079	1,003096	1,003105	1,003114	1,003123	1,003132	1,003141	1,003149
21,5	1,003084	1,003092	1,003101	1,003119	1,003128	1,003136	1,003145	1,003154	1,003163	1,003172
21,6	1,003106	1,003115	1,003124	1,003141	1,003150	1,003159	1,003168	1,003176	1,003185	1,003194
21,7	1,003128	1,003137	1,003146	1,003164	1,003172	1,003181	1,003190	1,003199	1,003208	1,003217
21,8	1,003151	1,003160	1,003169	1,003186	1,003195	1,003204	1,003213	1,003222	1,003230	1,003239
21,9	1,003174	1,003183	1,003191	1,003209	1,003218	1,003227	1,003235	1,003244	1,003253	1,003262
22,0	1,003197	1,003205	1,003214	1,003232	1,003241	1,003249	1,003258	1,003267	1,003276	1,003285
22,1	1,003220	1,003228	1,003237	1,003255	1,003264	1,003272	1,003281	1,003290	1,003299	1,003308
22,2	1,003243	1,003251	1,003260	1,003278	1,003287	1,003295	1,003304	1,003313	1,003322	1,003331
22,3	1,003266	1,003275	1,003283	1,003301	1,003310	1,003319	1,003327	1,003336	1,003345	1,003354
22,4	1,003289	1,003298	1,003307	1,003324	1,003333	1,003342	1,003351	1,003359	1,003368	1,003377
22,5	1,003312	1,003321	1,003330	1,003348	1,003356	1,003365	1,003374	1,003383	1,003392	1,003400
22,6	1,003336	1,003345	1,003353	1,003371	1,003380	1,003389	1,003397	1,003406	1,003415	1,003424
22,7	1,003359	1,003368	1,003377	1,003395	1,003403	1,003412	1,003421	1,003430	1,003439	1,003447
22,8	1,003383	1,003392	1,003401	1,003418	1,003427	1,003436	1,003445	1,003454	1,003462	1,003471
22,9	1,003407	1,003416	1,003424	1,003442	1,003451	1,003460	1,003469	1,003477	1,003486	1,003495
23,0	1,003431	1,003440	1,003448	1,003466	1,003475	1,003484	1,003492	1,003501	1,003510	1,003519
23,1	1,003455	1,003464	1,003472	1,003490	1,003499	1,003508	1,003516	1,003525	1,003534	1,003543
23,2	1,003479	1,003488	1,003496	1,003514	1,003523	1,003532	1,003541	1,003549	1,003558	1,003567
23,3	1,003503	1,003512	1,003521	1,003538	1,003547	1,003556	1,003565	1,003574	1,003582	1,003591
23,4	1,003527	1,003536	1,003545	1,003563	1,003571	1,003580	1,003589	1,003598	1,003607	1,003616
23,5	1,003552	1,003561	1,003569	1,003587	1,003596	1,003605	1,003613	1,003622	1,003631	1,003640
23,6	1,003576	1,003585	1,003594	1,003612	1,003620	1,003629	1,003638	1,003647	1,003656	1,003664
23,7	1,003601	1,003610	1,003619	1,003636	1,003645	1,003654	1,003663	1,003671	1,003680	1,003689
23,8	1,003626	1,003635	1,003643	1,003661	1,003670	1,003679	1,003687	1,003696	1,003705	1,003714
23,9	1,003651	1,003659	1,003668	1,003686	1,003695	1,003703	1,003712	1,003721	1,003730	1,003739
24,0	1,003676	1,003684	1,003693	1,003711	1,003720	1,003728	1,003737	1,003746	1,003755	1,003764
24,1	1,003701	1,003709	1,003718	1,003736	1,003745	1,003754	1,003762	1,003771	1,003780	1,003789
24,2	1,003726	1,003735	1,003743	1,003761	1,003770	1,003779	1,003788	1,003796	1,003805	1,003814
24,3	1,003751	1,003760	1,003769	1,003786	1,003795	1,003804	1,003813	1,003822	1,003830	1,003839
24,4	1,003776	1,003785	1,003794	1,003812	1,003821	1,003829	1,003838	1,003847	1,003856	1,003865
24,5	1,003802	1,003811	1,003820	1,003837	1,003846	1,003855	1,003864	1,003873	1,003881	1,003890
24,6	1,003828	1,003836	1,003845	1,003863	1,003872	1,003881	1,003889	1,003898	1,003907	1,003916
24,7	1,003853	1,003862	1,003871	1,003889	1,003897	1,003906	1,003915	1,003924	1,003933	1,003942
24,8	1,003879	1,003888	1,003897	1,003914	1,003923	1,003932	1,003941	1,003950	1,003959	1,003967
24,9	1,003905	1,003914	1,003923	1,003940	1,003949	1,003958	1,003967	1,003976	1,003984	1,003993
25,0	1,003931	1,003940	1,003949	1,003966	1,003975	1,003984	1,003993	1,004002	1,004011	1,004019

**Hodnoty prevodového koeficientu " $k_w$ " v  $\text{dm}^3/\text{kg}$   
pre hustotu vzduchu " $\rho_a$ " v  $\text{kg}/\text{m}^3$  a teplotu v  $^\circ\text{C}$**

teplota "t" [ $^\circ\text{C}$ ]	hustota vzduchu " $\rho_a$ " [ $\text{kg}/\text{m}^3$ ]						
	1,20	1,21	1,22	1,23	1,24	1,25	1,26
20,0	1,002857	1,002866	1,002875	1,002884	1,002893	1,002901	1,002910
20,1	1,002878	1,002887	1,002896	1,002905	1,002913	1,002922	1,002931
20,2	1,002899	1,002908	1,002917	1,002925	1,002934	1,002943	1,002952
20,3	1,002920	1,002929	1,002938	1,002946	1,002955	1,002964	1,002973
20,4	1,002941	1,002950	1,002959	1,002968	1,002976	1,002985	1,002994
20,5	1,002962	1,002971	1,002980	1,002989	1,002998	1,003006	1,003015
20,6	1,002984	1,002993	1,003001	1,003010	1,003019	1,003028	1,003037
20,7	1,003005	1,003014	1,003023	1,003032	1,003040	1,003049	1,003058
20,8	1,003027	1,003035	1,003044	1,003053	1,003062	1,003071	1,003080
20,9	1,003048	1,003057	1,003066	1,003075	1,003084	1,003092	1,003101
21,0	1,003070	1,003079	1,003088	1,003097	1,003105	1,003114	1,003123
21,1	1,003092	1,003101	1,003110	1,003118	1,003127	1,003136	1,003145
21,2	1,003114	1,003123	1,003132	1,003140	1,003149	1,003158	1,003167
21,3	1,003136	1,003145	1,003154	1,003162	1,003171	1,003180	1,003189
21,4	1,003158	1,003167	1,003176	1,003185	1,003193	1,003202	1,003211
21,5	1,003180	1,003189	1,003198	1,003207	1,003216	1,003225	1,003233
21,6	1,003203	1,003212	1,003220	1,003229	1,003238	1,003247	1,003256
21,7	1,003225	1,003234	1,003243	1,003252	1,003261	1,003269	1,003278
21,8	1,003248	1,003257	1,003266	1,003274	1,003283	1,003292	1,003301
21,9	1,003271	1,003280	1,003288	1,003297	1,003306	1,003315	1,003324
22,0	1,003294	1,003302	1,003311	1,003320	1,003329	1,003338	1,003346
22,1	1,003316	1,003325	1,003334	1,003343	1,003352	1,003361	1,003369
22,2	1,003339	1,003348	1,003357	1,003366	1,003375	1,003384	1,003392
22,3	1,003363	1,003371	1,003380	1,003389	1,003398	1,003407	1,003416
22,4	1,003386	1,003395	1,003404	1,003412	1,003421	1,003430	1,003439
22,5	1,003409	1,003418	1,003427	1,003436	1,003445	1,003453	1,003462
22,6	1,003433	1,003442	1,003450	1,003459	1,003468	1,003477	1,003486
22,7	1,003456	1,003465	1,003474	1,003483	1,003492	1,003500	1,003509
22,8	1,003480	1,003489	1,003498	1,003506	1,003515	1,003524	1,003533
22,9	1,003504	1,003513	1,003521	1,003530	1,003539	1,003548	1,003557
23,0	1,003528	1,003536	1,003545	1,003554	1,003563	1,003572	1,003581
23,1	1,003552	1,003560	1,003569	1,003578	1,003587	1,003596	1,003605
23,2	1,003576	1,003585	1,003593	1,003602	1,003611	1,003620	1,003629
23,3	1,003600	1,003609	1,003618	1,003626	1,003635	1,003644	1,003653
23,4	1,003624	1,003633	1,003642	1,003651	1,003660	1,003668	1,003677
23,5	1,003649	1,003658	1,003666	1,003675	1,003684	1,003693	1,003702
23,6	1,003673	1,003682	1,003691	1,003700	1,003709	1,003717	1,003726
23,7	1,003698	1,003707	1,003716	1,003724	1,003733	1,003742	1,003751
23,8	1,003723	1,003732	1,003740	1,003749	1,003758	1,003767	1,003776
23,9	1,003748	1,003756	1,003765	1,003774	1,003783	1,003792	1,003801
24,0	1,003773	1,003781	1,003790	1,003799	1,003808	1,003817	1,003825
24,1	1,003798	1,003806	1,003815	1,003824	1,003833	1,003842	1,003851
24,2	1,003823	1,003832	1,003840	1,003849	1,003858	1,003867	1,003876
24,3	1,003848	1,003857	1,003866	1,003875	1,003883	1,003892	1,003901
24,4	1,003874	1,003882	1,003891	1,003900	1,003909	1,003918	1,003926
24,5	1,003899	1,003908	1,003917	1,003925	1,003934	1,003943	1,003952
24,6	1,003925	1,003933	1,003942	1,003951	1,003960	1,003969	1,003978
24,7	1,003950	1,003959	1,003968	1,003977	1,003986	1,003994	1,004003
24,8	1,003976	1,003985	1,003994	1,004003	1,004011	1,004020	1,004029
24,9	1,004002	1,004011	1,004020	1,004029	1,004037	1,004046	1,004055
25,0	1,004028	1,004037	1,004046	1,004055	1,004063	1,004072	1,004081

**Tab 1A-8: Tabuľka hustoty vody a merného objemu vody pre rôznu teplotu  
(základné hodnoty)**

**Hodnota hustoty vody " $\rho_w$ " v kg/m<sup>3</sup> a merného objemu vody " $v_w$ " v m<sup>3</sup>/kg  
pre teplotu " $t$ " v °C**

teplota "t" [°C]	hustota " $\rho_w$ " [kg/m <sup>3</sup> ]	merný objem vody " $v_w$ " [m <sup>3</sup> /kg]	teplota "t" [°C]	hustota " $\rho_w$ " [kg/m <sup>3</sup> ]	merný objem vody " $v_w$ " [m <sup>3</sup> /kg]	teplota "t" [°C]	hustota " $\rho_w$ " [kg/m <sup>3</sup> ]	merný objem vody " $v_w$ " [m <sup>3</sup> /kg]
15,0	999,100	0,001000900	20,0	998,201	0,001001802	25,0	997,039	0,001002970
15,1	999,085	0,001000916	20,1	998,181	0,001001823	25,1	997,013	0,001002996
15,2	999,070	0,001000931	20,2	998,160	0,001001844	25,2	996,987	0,001003022
15,3	999,054	0,001000947	20,3	998,139	0,001001865	25,3	996,960	0,001003049
15,4	999,038	0,001000963	20,4	998,118	0,001001886	25,4	996,934	0,001003075
15,5	999,022	0,001000979	20,5	998,097	0,001001907	25,5	996,908	0,001003102
15,6	999,006	0,001000995	20,6	998,076	0,001001928	25,6	996,881	0,001003128
15,7	998,990	0,001001011	20,7	998,054	0,001001949	25,7	996,855	0,001003155
15,8	998,974	0,001001027	20,8	998,033	0,001001971	25,8	996,828	0,001003182
15,9	998,958	0,001001043	20,9	998,011	0,001001993	25,9	996,801	0,001003209
16,0	998,942	0,001001059	21,0	997,990	0,001002014	26,0	996,774	0,001003236
16,1	998,925	0,001001076	21,1	997,968	0,001002036	26,1	996,747	0,001003263
16,2	998,909	0,001001093	21,2	997,946	0,001002058	26,2	996,720	0,001003290
16,3	998,892	0,001001109	21,3	997,924	0,001002080	26,3	996,693	0,001003318
16,4	998,875	0,001001126	21,4	997,902	0,001002102	26,4	996,666	0,001003345
16,5	998,858	0,001001143	21,5	997,880	0,001002124	26,5	996,638	0,001003373
16,6	998,841	0,001001160	21,6	997,858	0,001002147	26,6	996,611	0,001003401
16,7	998,824	0,001001177	21,7	997,835	0,001002169	26,7	996,583	0,001003428
16,8	998,807	0,001001194	21,8	997,813	0,001002192	26,8	996,556	0,001003456
16,9	998,790	0,001001212	21,9	997,790	0,001002214	26,9	996,528	0,001003484
17,0	998,772	0,001001229	22,0	997,768	0,001002237	27,0	996,500	0,001003513
17,1	998,755	0,001001247	22,1	997,745	0,001002260	27,1	996,472	0,001003541
17,2	998,737	0,001001264	22,2	997,722	0,001002283	27,2	996,444	0,001003569
17,3	998,720	0,001001282	22,3	997,699	0,001002306	27,3	996,415	0,001003598
17,4	998,702	0,001001300	22,4	997,676	0,001002329	27,4	996,387	0,001003626
17,5	998,684	0,001001318	22,5	997,653	0,001002353	27,5	996,359	0,001003655
17,6	998,666	0,001001336	22,6	997,630	0,001002376	27,6	996,330	0,001003684
17,7	998,648	0,001001354	22,7	997,606	0,001002400	27,7	996,301	0,001003712
17,8	998,629	0,001001373	22,8	997,583	0,001002423	27,8	996,272	0,001003741
17,9	998,611	0,001001391	22,9	997,559	0,001002447	27,9	996,244	0,001003771
18,0	998,593	0,001001409	23,0	997,535	0,001002471	28,0	996,215	0,001003800
18,1	998,574	0,001001428	23,1	997,511	0,001002495	28,1	996,185	0,001003829
18,2	998,555	0,001001447	23,2	997,487	0,001002519	28,2	996,156	0,001003859
18,3	998,537	0,001001466	23,3	997,463	0,001002543	28,3	996,127	0,001003888
18,4	998,518	0,001001485	23,4	997,439	0,001002567	28,4	996,098	0,001003918
18,5	998,499	0,001001504	23,5	997,415	0,001002592	28,5	996,068	0,001003947
18,6	998,480	0,001001523	23,6	997,391	0,001002616	28,6	996,038	0,001003977
18,7	998,460	0,001001542	23,7	997,366	0,001002641	28,7	996,009	0,001004007
18,8	998,441	0,001001561	23,8	997,342	0,001002665	28,8	995,979	0,001004037
18,9	998,422	0,001001581	23,9	997,317	0,001002690	28,9	995,949	0,001004068
19,0	998,402	0,001001600	24,0	997,292	0,001002715	29,0	995,919	0,001004098
19,1	998,383	0,001001620	24,1	997,267	0,001002740	29,1	995,889	0,001004128
19,2	998,363	0,001001640	24,2	997,242	0,001002765	29,2	995,858	0,001004159
19,3	998,343	0,001001660	24,3	997,217	0,001002791	29,3	995,828	0,001004189
19,4	998,323	0,001001680	24,4	997,192	0,001002816	29,4	995,798	0,001004220
19,5	998,303	0,001001700	24,5	997,167	0,001002841	29,5	995,767	0,001004251
19,6	998,283	0,001001720	24,6	997,141	0,001002867	29,6	995,736	0,001004282
19,7	998,263	0,001001740	24,7	997,116	0,001002893	29,7	995,706	0,001004313
19,8	998,242	0,001001761	24,8	997,090	0,001002918	29,8	995,675	0,001004344
19,9	998,222	0,001001781	24,9	997,064	0,001002944	29,9	995,644	0,001004375
						30,0	995,623	0,001004407