

Средняя теплоемкость газов и воздуха от 0 до 1000-2500 С

Температура, °С	Средние теплоемкости негорючих и горючих газов, сухого и влажного воздуха, кВт/м <sup>3</sup>													
	CO <sub>2</sub>	N <sub>2</sub>	O <sub>2</sub>	H <sub>2</sub> O	CO	H <sub>2</sub>	CH <sub>4</sub>	H <sub>2</sub> S	C <sub>2</sub> H <sub>6</sub>	C <sub>3</sub> H <sub>8</sub>	C <sub>4</sub> H <sub>10</sub>	C <sub>5</sub> H <sub>2</sub>	Воздух сухой	Воздух влажный
0	0,4444	0.3596	0.3627	0.4151	0.361	0.355	0.430	0.419	0.614	0.867	1.147	1.425	0.3603	0.3663
100	0,4723	0.3599	0.3670	0.3660	0.362	0.358	0.456	0.426	0.693	0.975	1.307	1.621	0.3612	0.3679
200	0,4965	0.3610	0.3709	0.4229	0.363	0.361	0.489	0.434	0.771	1.101	1.460	1.810	0.3631	0.3700
300	0.4965	0.3630	0.3767	0.4284	0.365	0.361	0.523	0.443	0.846	1.214	1.604	1.982	0.3659	0.3729
400	0.5174	0.3656	0.3826	0.4348	0.369	0.362	0.559	0.455	0.919	1.323	1.741	2.150	0.3691	0.3762
500	0.5360	0.3688	0.3883	0.4416	0.373	0.363	0.594	0.464	0.987	1.415	1.858	2.293	0.3730	0.3795
600	0.5524	0.3723	0.3936	0.4486	0.377	0.363	0.628	0.475	1.049	1.501	1.964	2.440	0.3768	0.3841
700	0.5670	0.3760	0.3984	0.4559	0.381	0.364	0.661	0.485	1.107	1.590	2.079	2.559	0.3808	0.3882
800	0.5810	0.3797	0.4027	0.4633	0.385	0.365	0.693	0.495	1.162	1.663	2.169	2.674	0.3845	0.3920
900	0.5920	0.3832	0.4068	0.4710	0.384	0.368	0.723	0.505	1.212	1.731	2.254	2.775	0.3882	0.3958
1000	0.6026	0.3866	0.4104	0.4786	0.392	0.415	0.750	0.515	1.258	1.795	2.334	2.874	0.3916	0.3993
1100	0.6121	0.3898	0.4137	0.4861	-	-	-	-	-	-	-	-	0.3948	0.4051
1200	0.6208	0.3927	0.4168	0.4936	-	-	-	-	-	-	-	-	0.3980	0.4059
1300	0.6360	0.3959	0.4196	0.5008	-	-	-	-	-	-	-	-	0.4009	0.4090
1400	0.6427	0.3986	0.4223	0.5078	-	-	-	-	-	-	-	-	0.4036	0.4119
1500	0.6487	0.4011	0.4248	0.5146	-	-	-	-	-	-	-	-	0.4061	0.4146
1600	0.6543	0.4036	0.4272	0.5211	-	-	-	-	-	-	-	-	0.4086	0.4172
1700	0.6595	0.4059	0.4295	0.5277	-	-	-	-	-	-	-	-	0.4108	0.4195
1800	0.6643	0.4080	0.4317	0.5337	-	-	-	-	-	-	-	-	0.4130	0.4216
1900	0.6687	0.4100	0.4338	0.5395	-	-	-	-	-	-	-	-	0.4150	0.4238
2000	0.6728	0.418	0.4359	0.5452	-	-	-	-	-	-	-	-	0.4169	0.4258
2100	0.6766	0.4137	0.4378	0.5507	-	-	-	-	-	-	-	-	0.4187	0.4278
2200	0.6801	0.4153	0.4397	0.5558	-	-	-	-	-	-	-	-	0.4204	0.4295
2300	0.6834	0.4169	0.4416	0.55608	-	-	-	-	-	-	-	-	0.4221	0.4312
2400	0.6864	0.4184	0.4435	0.5657	-	-	-	-	-	-	-	-	0.4237	0.4329
2500	0.6892	0.4198	0.4452	0.5702	-	-	-	-	-	-	-	-	0.4251	0.4332