

Tabella 1.3 c_p medio [kJ/kgK] tra 0 e T [°C] per alcune specie chimiche di gas

	H ₂	N ₂	O ₂	Aria	CO	CO ₂	H ₂ O	CH ₄	C ₂ H ₂	C ₂ H ₄	C ₆ H ₆
ρ	0.09	1.25	1.429	1.293	1.25	1.977	0.804	0.717	1.171	1.26	3.48
T[°C]											
0	14.233	1.042	0.917	1.005	1.042	0.825	1.854	2.155	1.640	1.502	0.818
25	14.278	1.042	0.917	1.005	1.042	0.838	1.859	2.208	1.687	1.545	0.857
100	14.378	1.043	0.923	1.007	1.043	0.873	1.864	2.262	1.769	1.682	0.984
200	14.422	1.047	0.935	1.013	1.047	0.917	1.886	2.452	1.875	1.854	1.137
300	14.467	1.053	0.950	1.020	1.055	0.953	1.917	2.633	1.963	2.013	1.290
400	14.467	1.062	0.966	1.029	1.065	0.985	1.943	2.809	2.034	2.164	1.429
500	14.511	1.069	0.980	1.039	1.075	1.019	1.969	2.975	2.095	2.301	1.562
600	14.556	1.078	0.993	1.049	1.087	1.044	2.000	3.135	2.152	2.424	1.670
700	14.611	1.089	1.005	1.061	1.098	1.067	2.031	3.287	2.206	2.536	1.793
800	14.656	1.098	1.017	1.072	1.110	1.088	2.062	3.434	2.256	2.656	1.889
900	14.700	1.109	1.025	1.081	1.121	1.108	2.101	3.565	2.299	2.740	1.985
1000	14.778	1.118	1.036	1.091	1.132	1.122	2.129	3.693	2.342	2.831	2.093
1100	14.844	1.129	1.043	1.101	1.142	1.140	2.167				
1200	14.933	1.139	1.052	1.110	1.152	1.153	2.198				
1300	15.022	1.146	1.057	1.117	1.159	1.165	2.229				
1400	15.133	1.155	1.065	1.125	1.167	1.176	2.260				
1500	15.167	1.162	1.072	1.133	1.174	1.187	2.286				
1750	15.400	1.179	1.084	1.146	1.189	1.209	2.359				
2000	15.633	1.193	1.099	1.166	1.202	1.228	2.422				

* valutata a 0°C e 1.01325 bar ed espressa in kg/m³