

Molar heat capacity c_p [J/molK] vs t [°C]									
Species	0	25	50	100	200	300	400	500	600
N ₂ (g)	29.12	29.13	29.14	29.19	29.47	29.95	30.57	31.26	31.92
O ₂ (g)	29.26	29.38	29.50	29.87	30.83	31.83	32.76	33.56	34.21
H ₂ (g)	28.47	29.05	28.90	28.75	28.77	28.99	29.29	29.64	30.00
CO ₂ (g)	36.04	37.12	38.31	40.39	43.81	46.61	48.97	50.97	52.62
H ₂ O(g)	33.56	33.60	33.71	34.04	34.97	36.07	37.25	38.48	39.74
Specific heat capacity c_p [J/kgK] vs t [°C]									
Species	0	25	50	100	200	300	400	500	600
N ₂ (g)	1039.3	1039.7	1040.3	1042	1052	1069	1091	1116	1140
O ₂ (g)	914.4	918.2	922.0	934	963	995	1024	1049	1069
H ₂ (g)	14124	14409	14335	14260	14271	14380	14531	14703	14884
CO ₂ (g)	818.9	843.5	870.4	918	995	1059	1113	1158	1196
H ₂ O(g)	1863.1	1865.3	1871.0	1889	1941	2002	2068	2136	2206