

**Tablelle del vapor d'acqua surriscaldato in funzione di P [kPa] e T [°C]**
**0.611**

T [°C]	$\rho$ [kg/m <sup>3</sup> ]	h [kJ/kg]	s [kJ/(kgK)]
100	0.0035	2688.6	9.7
150	0.0031	2783.7	10.0
200	0.0028	2880.0	10.2
250	0.0025	2977.7	10.4
300	0.0023	3077.0	10.6
350	0.0021	3177.7	10.7
400	0.0020	3280.1	10.9
450	0.0018	3384.1	11.0
500	0.0017	3489.8	11.2
550	0.0016	3597.2	11.3
600	0.0015	3706.3	11.5
650	0.0014	3817.3	11.6
700	0.0014	3930.0	11.7
750	0.0013	4044.4	11.8

**100**

T [°C]	$\rho$ [kg/m <sup>3</sup> ]	h [kJ/kg]	s [kJ/(kgK)]
100	0.590	2675.8	7.4
150	0.516	2776.6	7.6
200	0.460	2875.5	7.8
250	0.416	2974.5	8.0
300	0.379	3074.5	8.2
350	0.348	3175.8	8.4
400	0.322	3278.5	8.5
450	0.300	3382.8	8.7
500	0.280	3488.7	8.8
550	0.263	3596.3	9.0
600	0.248	3705.6	9.1
650	0.235	3816.6	9.2
700	0.223	3929.4	9.3
750	0.212	4043.9	9.5

**500**

T [°C]	$\rho$ [kg/m <sup>3</sup> ]	h [kJ/kg]	s [kJ/(kgK)]
200	2.353	2855.9	7.1
250	2.108	2961.1	7.3
300	1.913	3064.6	7.5
350	1.754	3168.1	7.6
400	1.620	3272.3	7.8
450	1.506	3377.7	7.9
500	1.407	3484.4	8.1
550	1.320	3592.6	8.2
600	1.244	3702.5	8.4
650	1.176	3813.9	8.5
700	1.115	3927.0	8.6
750	1.060	4041.9	8.7

**1000**

T [°C]	$\rho$ [kg/m <sup>3</sup> ]	h [kJ/kg]	s [kJ/(kgK)]
200	4.854	2828.3	6.7
250	4.297	2943.2	6.9
300	3.876	3051.7	7.1
350	3.540	3158.2	7.3
400	3.262	3264.4	7.5
450	3.026	3371.2	7.6
500	2.824	3479.0	7.8
550	2.648	3588.1	7.9
600	2.493	3698.6	8.0
650	2.356	3810.5	8.2
700	2.233	3924.1	8.3
750	2.123	4039.3	8.4

**5000**

T [°C]	$\rho$ [kg/m <sup>3</sup> ]	h [kJ/kg]	s [kJ/(kgK)]
350	19.241	3069.3	6.5
400	17.289	3196.6	6.6
450	15.792	3317.0	6.8
500	14.581	3434.5	7.0
550	13.570	3550.8	7.1
600	12.706	3666.8	7.3
650	11.956	3783.3	7.4
700	11.298	3900.5	7.5
750	10.712	4018.6	7.6

**10000**

T [°C]	$\rho$ [kg/m <sup>3</sup> ]	h [kJ/kg]	s [kJ/(kgK)]
350	44.559	2924.0	5.9
400	37.822	3097.4	6.2
450	33.574	3242.3	6.4
500	30.476	3375.1	6.6
550	28.046	3501.9	6.8
600	26.057	3625.8	6.9
650	24.381	3748.3	7.0
700	22.939	3870.3	7.2
750	21.679	3992.3	7.3

**50000**

T [°C]	$\rho$ [kg/m <sup>3</sup> ]	h [kJ/kg]	s [kJ/(kgK)]
350	693.268	1576.0	3.5
400	577.736	1874.3	4.0
450	402.020	2284.4	4.6
500	257.108	2722.5	5.2
550	195.370	3025.7	5.6
600	163.702	3252.6	5.8
650	143.731	3443.5	6.0
700	129.574	3614.8	6.2
750	118.801	3774.1	6.4

**100000**

T [°C]	$\rho$ [kg/m <sup>3</sup> ]	h [kJ/kg]	s [kJ/(kgK)]
350	946.553	1098.1	2.6
400	692.917	1791.1	3.8
450	614.193	2044.5	4.1
500	528.195	2316.2	4.5
550	444.476	2596.1	4.8
600	374.215	2865.1	5.2
650	321.081	3110.6	5.4
700	281.995	3330.8	5.7
750	252.960	3530.7	5.9