

**steam tables pdf**

ASME Steam Tables – COMPACT EDITION – Table 1. Properties of Saturated Water and Steam (Temperature) Temp. Pressure Volume, ft<sup>3</sup>/lb m Enthalpy, Btu/lbm Entropy, Btu/(lbm·°R) Temp. °F psia vL vV hL hV sL sV °F 255 32.546 0.017042 12.739 223.70 1165.7 0.3749 1.6930 255 260 35.445 0.017084 11.760 228.79 1167.4 0.3820 1.6862 260 265 38.551 0.017127 10.870 233.88 1169.1 0.3890 1.6796 265

**Steam Tables**

Saturated Steam: TEMPERATURE Table STEAM TABLES ( from M. D. Koretsky, "Engineering and Chemical Thermodynamics", John Wiley & Sons, 2004)

**STEAM TABLES - Chemical Engineering Faculty**

Temp Fahr 460.0 464.0 468.0 472.0 476.0 480.0 484.0 488.0 492.0 496.0 500.0 504.0 508.0 512.0 516.0 520.0 524.0 528.0 532.0 536.0 540.0 544.0

**www.che.ksu.edu**

Superheated Steam Tables o 400.0 500.0 m T , Pressure p = 0.1 bar T , C v, m<sup>3</sup>/kg u, kJ/kg h, kJ/kg s, kJ/kg 50.0 14.87 2444 2593 8.175 100.0 17.20 2516 2688 8.448 150.0 19.51 2588 2783 8.688 200.0 21.83 2661 2880 8.904 250.0 24.14 2736 2977 9.100 300.0 26.45 2812 3077 9.281 400.0 31.06 2969 3280 9.608 35.68 3132 3489 9.898

**Saturated Steam Temperature Table - IIT Madras**

Conversely, the table can be used to determine Btu output if steam condensing rate is known. In the application section of this Handbook, there are several references to the use of the steam table. Total Heat of Steam (Column 6). The sum of the Heat of the Liquid (Column 4) and Latent Heat (Column 5) in Btu. It is the total heat in steam above 32°F.

**Steam Tables – energy.mo.gov**

NOTE: Steam table & Mollier chart is allowed to carry in the exams of the subject in which it is needed. BUT you cannot carry it in mobile i.e. in PDF format. BUT you cannot carry it in mobile i.e. in PDF format.

**Steam Table With Mollier Diagram R S Khurmi (S I Units)**

TI-GCM-01 CM Issue 6 Dry Saturated Steam Tables Specific enthalpy Specific Gauge pressure Temperature volume Water (hf) Evaporation (hfg) Steam (hg) steam bar kPa °C kJ/kg kJ/kg kJ/kg m<sup>3</sup>/kg 24 2400 224.0 962.13 1 840.11 2 802.24 0.078 25 2 500 226.1 971.87 1 830.74 2 802.62 0.077

**Dry Saturated Steam Tables - Spirax Sarco International**

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**DOE FUNDAMENTALS HANDBOOK - Steam Tables Online**

APPENDIX C Properties of Steam (SI units) Table C.1 Saturated Steam (Temperature) From NBS/NRC Steam Tables by L. Haar, et.al., New York: Hemisphere Publishing,

**APPENDIX C Properties of Steam (SI units)**

Table A-1 Molar mass, gas constant, and critical-point properties Table A-2 Ideal-gas specific heats of various common gases Table A-3 Properties of common liquids, solids, and foods ... Steam H<sub>2</sub>O 0.4615 1.8723 1.4108 1.327 Note: The unit kJ/kg·K is equivalent to kJ/kg·°C.

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