Saturation Temperature and Pressure of Steam

11/10/2026

Project: saturation-pressure-temperature

Input Parameters

Look up by	Pressure
Pressure (absolute)	10.000 bar
Temperature	180.00 °C

Calculated Results

Saturation pressure	10.000 bar
Saturation temperature	179.89 °C
Saturated liquid enthalpy	762.68 kJ/kg
Saturated vapour enthalpy	2,777.1 kJ/kg
Latent heat of vaporisation	2,014.4 kJ/kg
Saturated liquid entropy	2.1384 kJ/(kg·K)
Saturated vapour entropy	6.5850 kJ/(kg·K)
Saturated liquid specific volume	0.001127 m^3/kg
Saturated vapour specific volume	0.19435 m^3/kg