



3-b-4

For an amount of water is given: $P = 300 \text{ kPa}$ and $h = 2724.9 \text{ kJ/kg}$. What is the phase of the water?

Answer: Saturated vapor

At 300 kPa the enthalpy of the saturated vapor is 2724.9 kJ/kg (table A-5 Cengel and boles, 7th edition). Other tables can give a slightly different number.