

# Interface to using WinPsychro

Humid Air Psychrometry

Input Values	Calculated Values at 1.01325 bar	
Pressure [bar] 1.0132526	Dry Bulb Temperature [°C] 35.0	Specific Entropy [kJ/K kgDA] 0.267
Altitude [m] 0.0	Wet Bulb Temperature [°C] 25.0	Spec Thermal Capacity [kJ/K kgDA] 1.021
Dry Bulb Temperature [°C] 35	Dew Point Temperature [°C] 21.2	Dynamic Viscosity [mPa.s] 0.01814
Wet Bulb Temperature [°C] 25	Relative Humidity [%] 44.7	Thermal Conductivity [mW/m.K] 26.386
Dew Point Temperature [°C] [ ]	Specific Enthalpy [kJ/kgDA] 76.010	Prandtl Number [-] 0.702
Relative Humidity [%] [ ]	Specific Volume [m3/kgDA] 0.89505	Density [kg/m3] 1.135
Humidity Ratio [g/kgDA] [ ]	Humidity Ratio [g/kgDA] 15.905	Schmidt Number [-] 0.594
Enthalpy [kJ/kgDA] [ ]	New	

Calculate Cancel Close Help

by M. Conde Engineering, 2002