Partial pressures: Adiabats:

Ideal gas law:

Root mean square velocity:

Van der Waals eqn:

F.L.T.:

Work of expansion:

Work of expansion const. p: Heat capacity const V:

Enthalpy: Heat cap. Const p:

Heat transfer const. p: relationship:

Adiabatic work: U const. vol.no work:

Reversible work:

Joule-Thomson:

relationship for isotherm: