

12.2 The Ideal Gas Law

Universal Law: Gas Behavior

$$PV = NkT$$

Pressure times volume equals particles times Boltzmann constant times absolute temperature.

12.2 The Ideal Gas Law

Universal Law: Gas Behavior

$$PV = NkT$$

Pressure times volume equals particles times Boltzmann constant times absolute temperature.

Where:

- P = pressure (Pa)
- V = volume (m^3)
- N = number of particles
- $k = 1.38 \times 10^{-23} \text{ J/K}$ (Boltzmann constant)
- T = absolute temperature (K)

Temporary page!

\LaTeX was unable to guess the total number of pages correctly. There was some unprocessed data that should have been added to the document, so this extra page has been added to receive it.

If you rerun the document (without altering it) this surplus page will disappear, because \LaTeX now knows how many pages to expect for the document.