

(KEY CONCEPT) [A-3-5]

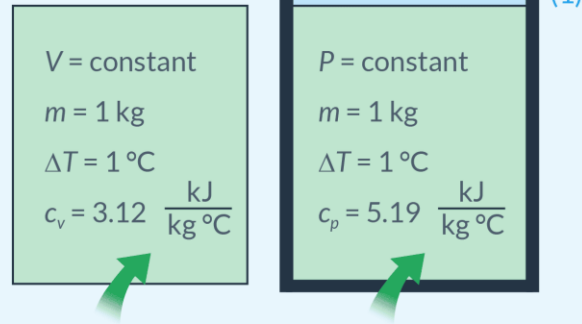
Specific Heat:

“How much” heat energy can air absorb with a unit change of temperature?

(i.e., heat energy capacity)

- Under a constant volume?
- Under a constant pressure?

$$\text{Specific heat: } c = \left(\frac{\delta q}{dT} \right)$$



Images of constant volume and constant pressure heat addition (source: engineerexcel.com)

Lined area for notes, consisting of multiple horizontal dashed lines.