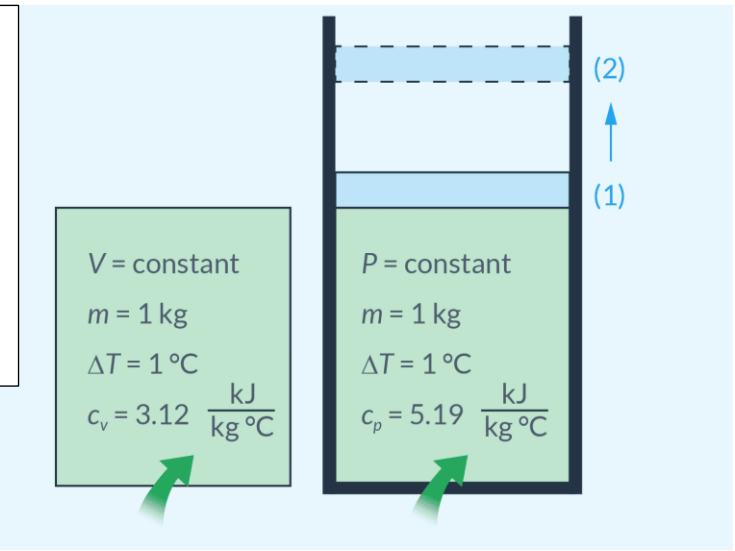
(KEY CONCEPT) [A-3-5]

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?

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



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