

Isochoric Heat Capacity = CV

@wikipedia

Amount of [heat](#) to be supplied to a given amount of a material with the constant [volume](#) to produce a unit change in its [temperature](#):

$$C_V = \left(\frac{\delta Q}{\delta T} \right)_V$$

[Isochoric Heat Capacity](#) C_V is proportional to the amount of the matter involved in a [Heat Transfer](#) process and as such is not a [material property](#).

One can relate it to [material properties](#) through the known material [mass](#) m or a material [volume](#) V :

(1) $C_V = m \cdot c_{mV} = V \cdot c_{vV}$	
c_{mV}	Isochoric specific heat capacity
c_{vV}	Isochoric volumetric heat capacity

See also

[Physics](#) / [Thermodynamics](#) / [Thermodynamic process](#) / [Heat Transfer](#) / [Heat Capacity](#) / [Heat Capacity](#)

[[Heat](#)] [[Isobaric heat capacity](#)]

[[Specific heat capacity](#)] [[Volumetric Heat Capacity](#)]