

Nomenclature in thermodynamics

About their etymology

Moist air

Η θερμοδυναμική

The Thermodynamics

Isopleth

Line or surface where the numerical value of some physical quantity is constant (identical)

- ισος = constant
- πληθος = quantity

Isobaric

Line or surface (contour map) where the pressure is the same

- $\text{ισος} = \text{constant}$
- $\text{βαρος} = \text{weight}$

(flyweight, glass)

Isochron

Line or surface of physical quantities
measured or calculated for the same time

- ισος = constant
- χρόνος = time

Isodrosotherm

Line or surface where the dew point temperature is identical

- ισος = constant
- δροσος = dew

Isohel

Line or surface where the solar irradiance is the same

- ισος = constant
- έλιος = Sun

Isohume

Line or surface where the value of the relative humidity are the same

- ισος = constant
- υγρόσ = humidity

(hygrometer)

Isohyet

Line or surface where the rainfall was the same (isohyetal line)

- ἴσος = constant
- ὕετος = rain

Isoneph

Line or surface where the fog is the same

Line or surface that is covered by the same amount of cloud

- ισος = constant
- νέφος = fog, cloud

Isopycnic

Line or surface where the density of air is the same

- $\rho = \text{constant}$
- $\rho_{\text{air}} = \text{mass density, a dense material}$
(pycnometer)

Isostere

Line or surface where the air locally fills the same part of space (isochoric)

- ισος = constant
- στερεό = solid

(stereo, steradian)

Isotach

Line or surface where the wind speed is the same

- $\text{ισος} = \text{constant}$
- $\text{ταχ} = \text{speed}$

(tachometer, anemometer)

Isotherm

Line or surface where the air temperature is the same

- ισος = constant
- Θερμοκρασία, θερμότητα= temperature
(thermometer)

Isochor

Line or surface where the specific volume of air is constant

- ισος = constant
- χώρος = space

Isentrope

Line or surface where the specific enthalpy of air is constant

- ισος = constant
- τρόπος = method, mode

Psychrometer

Instrument to gain the physical properties of air

- ψυχρός = cold, freezing
- μέτρον = measuring