

C_p	Heat capacity at constant pressure, J/K
C	Molar heat capacity, J/mol
V	Speed of sound, m/s
L	Length of the tube, m
f	Frequency of standing wave, s^{-1}
R	Ideal gas constant
T	Atmospheric temperature, k
ΔT	Change in temperature of the body, in kelvin
l	The smallest difference in the lengths of air columns of a gas, in mm
M	Molecular weight of gas

ΔQ	The amount of heat imparted to the gas
ΔU	The change in the internal energy of the gas, J
ΔA	The work done by the gas on the external bodies. J/s
P	Pressure, Pa

Greek symbols

λ	The wave length of the standing wave
γ	Specific heat ratio