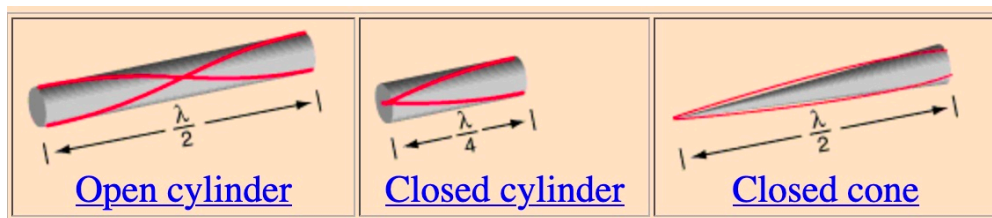


air column resonance

The resonant frequencies of air columns depend upon the speed of sound in air as well as the length and geometry of the air column. Longitudinal pressure waves reflect from either closed or open ends to set up standing wave patterns. Important in the visualization of these standing waves is the location of the nodes and antinodes of pressure and displacement for the air in the columns. from

<http://hyperphysics.phy-astr.gsu.edu/hbase/hframe.html>



courtesy [HyperPhysics](#)
([click to enlarge](#))

See Also

5.2 - Vortex Motions in Resonators

[air column resonance](#)

[Cavity Resonator](#)

[double column](#)

[Figure 6.17 - Areas and Volumes - Relations and Proportions](#)

[Helmholtz Resonator](#)

[organ pipe](#)

[Resonance](#)

[Resonator](#)

[Table 12.02 - Length Area and Volume Math](#)

[Volumetric Resonator](#)