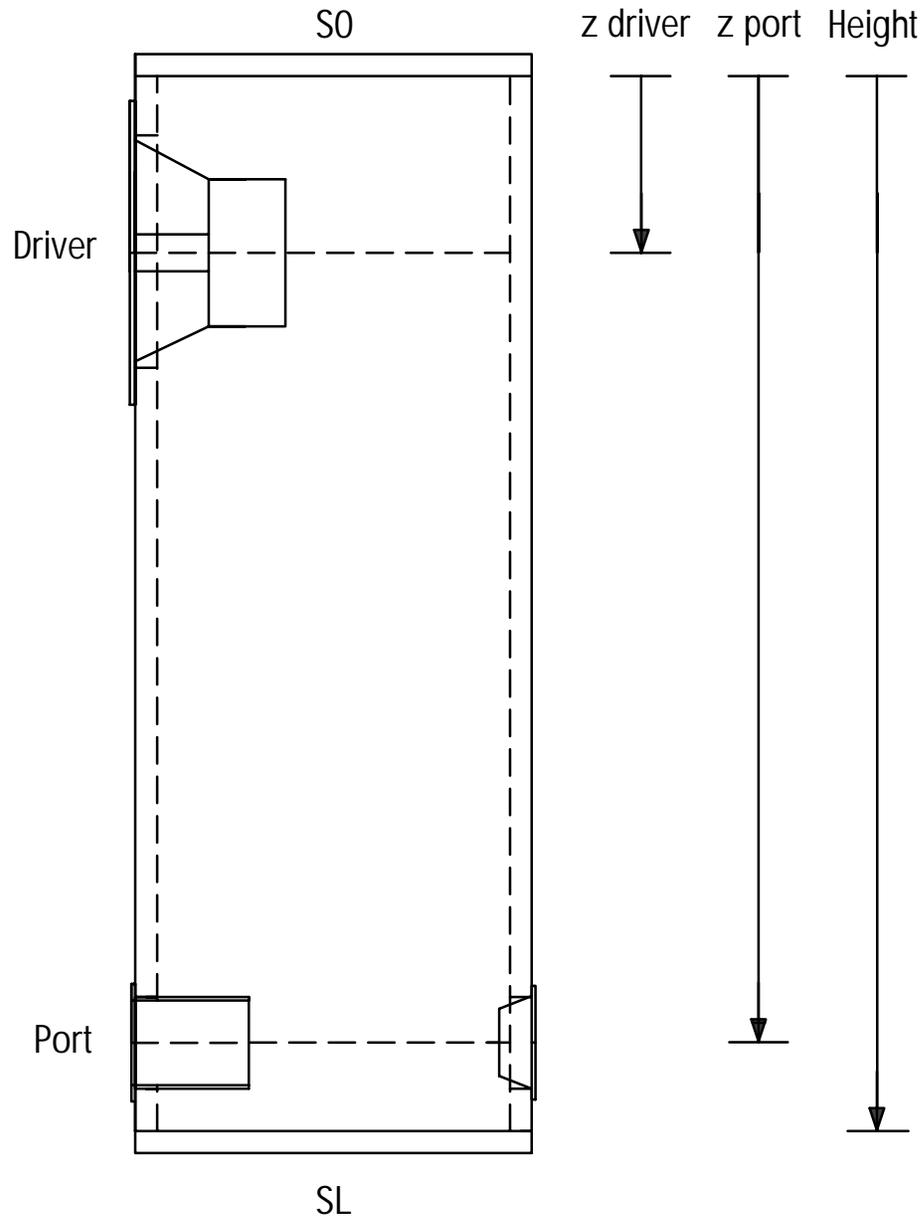# Closed and Ported Box Application Notes

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Drawing Line Definition :

Solid - Cut Away Side View of Enclosure
Dashed - Section Area Definitions

MathCad Models :

Closed Box - Models the vertical direction. The driver is offset a distance "z driver" from the top of the enclosure.

Ported Box - Models the vertical direction. The driver and the port are each offset distances "z driver" and "z port" respectivily.

General Comments :

These are very simple models with minimal input required. The input parameters are shown in the figure. The added feature in these models is the inclusion of any standing waves in the vertical direction.