



Dimensions for rough estimate of driver displaced volume:
 $V_{drv} = .262t^3$ [7.42 L]

Cross-sectional losses because of center bracing and fill material have not been taken into consideration.

E.g.: add .500" to width for a 1/2" center brace w/o holes. A brace w/ holes doesn't need any additional width (recommended).

Additionally: the front and back should be removable for driver and filling access.

E.g.: if the front or back panels are mounted to 1x1" cross-sectional cleats, and if a 1x2" center brace is attached to the panels: there will be a total area of 4in² taken up, using the internal width of 18.375" an additional duct depth of .218" has to be added to the front and back ducts eq.:

As these cleats and braces are an essential part of the design they are already in the drawing dimensions. For clarity the cleats and braces outlines have been omitted.

