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Subject: Re: 1:1 throat area

Posted by [Wayne Parham](#) on Thu, 22 Feb 2007 02:47:02 GMT

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The front chamber is absolutely a mute point when the driver isn't necked down by the throat. The front chamber volume is zero. And, yes, I agree, one could make something that had a front chamber that then had an opening that was equal to diaphragm area. Then there would be a front chamber volume, but I don't think that's what you or CuppaJoe were talking about. I really just brought it up because the front chamber volume is a parameter to be configured when designing a horn. When the throat area equals the diaphragm area and there is no front chamber, the characteristics are different than the same horn with a compression chamber of some size. It's all configurable, like setting the values of capacitance, inductance and resistance in a reactive circuit.

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