
Subject: Re: Compresion ratio and front chamber size
Posted by [Cuppa Joe](#) on Thu, 15 Feb 2007 03:07:57 GMT
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I haven't run any HornResp scenarios for the "throatless" horn yet. (Sounds a little like the "Headless Horseman"!) I was hoping that maybe a narrow enough coverage angle might make up for some of the lost efficiency. In this case, as the wavelength becomes longer than the driver's diameter, does the efficiency increase for those frequencies? That is, would the lower frequencies see a higher compression ratio than those frequencies shorter than the diameter? Or, does a given throat geometry determine an overall compression ratio, regardless of frequency (within the passband, of course)? I have daydreamed about designing a simple throat section for this horn that could mount in FRONT of the driver...dreaming...where to start...!Has anyone else (besides Peavey and Meyer Sound) tried this idea?
