
Subject: Re: Wow! Very interesting!

Posted by [Walt](#) on Mon, 16 Dec 2002 14:07:45 GMT

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The volume of the rear chamber should change if another compression ratio is used. In fact this volume varies linear with this ratio. For some horns it really makes a difference if the volume is chosen wrong. Might cause 5-6dB bumps! Use McBean to model a rearloaded hyperbolic horn with: $l=2.8m$, $a=75cm$, $a_m=850cm$. In this case the volume should be kept as small as possible! Best regards, Walt
