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Subject: Re: Flat down to 100Hz on a 224Hz baffle ?  
Posted by [hitsware](#) on Fri, 10 Dec 2004 15:59:53 GMT  
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Works on a 'sim', but with a ~1db hump at just above 100Hz, and a ~1db dip @~200Hz. It might start sounding like an unstuffed pipe if you push that method too far ? Here's a question. I've been 'siming' OB's by using an infinite baffle (sealed with alpha of 0.01) and emulating the baffle as a first order HP filter (@Fc of proposed baffle). If I added a capacitor in series with the driver (in the real world), would the resultant filter (the reactance of the capacitor + the rolloff of the baffle) combine as a second order filter or still a 1st order but at a higher frequency? If a second order what would the damping be ? ..... ?

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