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Subject: Re: 1:1 throat area

Posted by [Wayne Parham](#) on Thu, 22 Feb 2007 16:04:50 GMT

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Generally, the closer to the diaphragm, the more impact flare changes make. I would not want the throat expansion rate to be greater than the rest of the flare, unless the area where this happened was small in relation to wavelength through the bandwidth of the device. On the other hand, there may be cases where this kind of shape smooths the response curve or does something otherwise beneficial. I'd sure check it with Hornresp to see what effect that short section at the throat entrance will have.

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