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Subject: Re: Pipe modes

Posted by [Wayne Parham](#) on Thu, 23 Jun 2005 17:54:35 GMT

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Compression drivers do have a throat, and they also have a phase plug. It's short, a stub really, but it is placed there because the device is designed for a horn. It would be nice if they weren't made that way, and that the phase plug were part of the horn instead. That would make more sense, because the phase plug is sort of a wave-shaping device that directs the wavefront into the horn, matching the diaphragm to it and minimizing path length differences. But the fact is that compression drivers have a phase plug in front of the diaphragm, and the exit is smaller than the diaphragm.

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