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Subject: This geometry is in the Klipschorn as well.  
Posted by [Bill Fitzmaurice](#) on Sun, 21 Mar 2004 03:11:02 GMT  
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In both horns the design started with the mouth dimension, then the flare rate, finally the length, which left the throat size arrived at by default of the other parameters. In both designs it was found that performance was improved by a constriction plate at the throat, which had the benefit of creating a tuned chamber between the driver cone and throat that lowered the driver resonance. In both cases making the throat opening smaller could have accomplished the same task but would have altered the flare; in the case of Klipsch the KHorn had been in production for a number of years before the constrictor plate was adopted.

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