Subject: Re: Question on calculating woofer box volume
Posted by Anonymous on Tue, 03 Oct 2006 16:16:22 GMT
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>>Is this correct?yes to all.If you want best SQ, optimize dimensions for a deeper box size,add fiberglass stuffing.

Subject: Re: Question on calculating woofer box volume
Posted by Anonymous on Tue, 03 Oct 2006 20:28:08 GMT
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>>Qtc = 0.707This rule isn't written in stone. I have midrange drivers optimizedfor small boxes but they will sound bad because the box is too smalland there is too much sound chaos inside the chamber. It would bebetter to just violate the rule and make a deep box with good fillto get a cleaner midrange sound.If this is confusing, then make a test box to see what I mean.Get some cheap particle board and make a small midrange box,then make a deeper one with good fill. Listen to the driverfull range or high pass the driver to keep the bass out so youdon't damage the driver. Compare the sound and see what you like.There is no guarantees that you will prefer the bigger box, butyou should at least explore that option and verify it.Deep cabinet.http://www.speakerbuilding.com/content/1044/09_sanded.jpg