Subject: Re: 3pi in 4pi cabinet?
Posted by Wayne Parham on Sun, 05 Feb 2012 23:20:07 GMT
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They're very close in size:

Only four inches difference in height and two inches difference in width. Such a small difference, are you sure you can't "fit" the "larger" speakers in your room? I mean, they really seem to be the same size. If you stand them side-by-side, you can tell the difference but if you set a pair on stands, then replace them with the other pair, it will feel like there is absolutely no difference in size.

and it would be pretty much the same as the standard box, with maybe a smidge less bass extension. But the key thing here is "maybe". It hasn't been tested.

Why throw away all the hours of design/test and optimization work just to shave a couple inches off the box? It might work, but it might put a port in a standing wave pressure node and adversely affect the response. So honestly, I would suggest that you stick with the stock design. If you have a compelling enough reason to modify the design that you are willing to perform tests to verify the changes, then by all means, give it a go. But I wouldn't suggest doing it blindly.