Subject: Tower 2Pi ports
Posted by Chaz on Tue, 09 Mar 2004 13:20:34 GMT
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I received my tower 2pi kits yesterday, thanks. I was wondering what to do about a port though. Is there supposed to be a tube that I'm missing?

Subject: Re: Tower 2Pi ports
Posted by Wayne Parham on Tue, 09 Mar 2004 14:42:07 GMT
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The towers don't use a vent - It's just a cutout in the baffle that forms the port. We're actually looking for a large diameter vent that is very short, so the baffle width itself sets the length.For 5/8" wood stock, cut a 4.5" diameter port hole.For 3/4" stock, cut a 4.625" hole.For 1", cut the hole 4.75" dia.

Subject: Port Calculator?
Posted by elektratig on Wed, 10 Mar 2004 20:36:18 GMT
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Timely question and answer. Before winter set in, I started a pair of new cabinets to converts my 2 Pis into 2 Pi Towers, and then ceased operations when it got too cold in my garage/shop/igloo. Last weekend, I revived the project, cut the front and back baffles, and biscuited the back panels to the boxes. I am going to cut out driver and port holes and attach the internal braces and front baffles this weekend.All of which leads to the question. I am going to be making the front baffle double thickness, using two panels of roughly 3/4" MDF (haven't measured it, it's 3/4" nominal), so the overall thickness should be about 1 1/2". Is there a program or formula that I can use to determine the proper port diameter, i.e., if 3/4" thick = 4.625"D, then 1 1/2" thick = x"D?Thanks in advance.
Partially Completed 2 Pi Towers Construction Pix

Subject: Re: Port Calculator?
Posted by Wayne Parham on Wed, 10 Mar 2004 21:33:21 GMT
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Go with a 5" diameter port if it's going to be 1.5" long.As an aside, these ports are pretty big so maybe some people would want to use a wire mesh to keep the pets out. If so, I'd go with

something with very large holes rather than a thin mesh. That should keep it from impeding airflow.I don't use such a mech in my tower two's, but I have them pushed back within a few inches of the wall.