Subject: magnets
Posted by bill horn on Wed, 01 Feb 2006 18:35:37 GMT
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Greetings Jim. I need to pick your brain. What size magnets did you use to hold the grills, on your latest line array? Maybe you also have a good source for them.Thank you muchbill horn

Subject: Re: magnets
Posted by Jim Griffin on Thu, 02 Feb 2006 03:51:58 GMT
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Bill,My grills use the Lee Valley 0.375" diameter by 0.1" thick rare earth magnets (www.leevalley.com) and 7/16" diameter x 0.1" thick magnets (Hobby Lobby). My grills on the arrays that you saw are 6' high by 10.5" wide. They are designed to rest on the base of the array so I'm getting some relief from gravity. The enclosure has 8 concealed 0.375" magnets in each baffle. Four of these are in the corners and these while the others are equally spaced along the baffle long edges. Now I use a lightweight aluminum frame material (0.75" wide by 5/16" thick from Lowe's or Home Depot) with plastic corner connectors. In each plastic corner of the frame I glue a stack of two 7/16". The polarity of these magnets are of course attractive to the ones in the baffle so that they hold the frame to the enclosure. Finally, along the long sides of the frame I tape thin steel washers to the underside of the frame so that you get some attraction so that the frame does not sag away from the baffle along these long sides. Let me hear if you need more info.Jim

Subject: Re: magnets
Posted by bill horn on Thu, 02 Feb 2006 11:28:22 GMT
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Thank you for the info. I'm going to order some 1/4 x 1/8 disks. ($.20 each) from wondermagnets.com. What I mainly wanted to know was the size that you used. I feel that the 1/4 x 1/8 will work fine for me as im only holding a small grill on. a couple of other good sources arerare-earth-magnets.comamazingmagnets.comall of these companys have better prices than Lee Valley.thanks again and have a good one.bill horn