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Subject: How does an open door affect sound?

Posted by [FloydV](#) on Sun, 21 Oct 2012 05:01:04 GMT

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I have a theater room that is 14 x 20'. It is a perfect rectangle.

My question is this: there is one door that opens into a hallway.

It is centered on the long wall facing in to a hallway. What effects should I see, if any, if I open the door or close it?

My wife prefers it open so she can hear the door bell, etc. I prefer it closed. There is a vent directly over the door that passes air out of the room and back to the AC. It is simply two grates, one on each side of the wall over the door.

Thanks for your help.

Floyd

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