Subject: Re: A Question About Reflex Ports
Posted by mollecon on Fri, 18 Oct 2002 23:33:26 GMT
View Forum Message <> Reply to Message

In his book "High Performance Loudspeakers" Martin Colloms have a few things to say on the subject. He claims that to make sure to avoid windy noises the port diameter should be 7 cm. (2.8") or more. He also says that the diameter to length ratio should be no more than 1:2.While the above is easily achieved in larger boxes tuned at frequencies > 40Hz, the opposite is the case when it comes to the now fashionable compact subwoofers with internal volumes well below 40 liters (< 1½ cu.ft.), & low tuning frequencies. In those cases a passive radiator is often used or alternatively the ends of a small diameter port are 'radiused' to avoid wind noises.