Subject: Sprinkling posts...
Posted by robertG on Thu, 15 Jul 2004 18:49:06 GMT
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Some of you may have read some version of this post on other forums so please disregard BUTfor those who did not:I recently experienced a stunning increase in sound quality from my fully broken in Fostex FE168EZ, due to very high humidity (between 70 and 80%). Did anyone experience same thing? How do you explain?I would love to keep this "sound" forever if I could find a way. Of course, I could sell the house and get myself a couple pairs of drivers and experience with various doping agents to see the effect...

Subject: Re: Sprinkling posts...
Posted by akhilesh on Thu, 15 Jul 2004 23:23:15 GMT
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Hi Robert,Maybe the driver cones absorbed some moisture and became "doped" in some way. I know a lot of builders dope them anyway.Just a hypothesis. -akhilesh

Subject: Re: Sprinkling posts...
Posted by Jeremy on Fri, 16 Jul 2004 13:18:56 GMT
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Interesting. Could you describe the change in sound quality? Was it really that dramatic? The humidity where I live varies dramaticly with the time of year, and I wonder if my paper cone FR speakers are affected in the same way. One possibility is that moist air is less dense than dry air. I wonder if that could make an audible difference?

Subject: Re: Sprinkling posts...
Posted by robertG on Fri, 16 Jul 2004 18:57:04 GMT
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Well, the sound is more liquid, less dry (no pun intended!!), less edgy, less grainy. The change in sound is very noticeable and I really wonder if humidity can alter sound that way, but since I did not do any change in either configuration or placement, it must be related to humidity (it is really hot and humid in Montreal these days and in-house humidity is in between 70 and 80%). I notice the change in sound after the second really humid day, so perhaps the cone paper absorbed some moisture, enough to change the weight and/or stiffness of the cone. Now, the overall

response is not different, HF and LF extensions are the same, but the difference is in the texture of sound and affects frequencies from around 4kHz to 7kHz, wich is good because that's precisely where the FE168EZ has some problems in getting the right balance between definition and smoothness. Now it seems I get both smooth sound without losing definition.I'm glad because humidity is a real cheap tweak and is very reversible (untill mold gets into the cone...).