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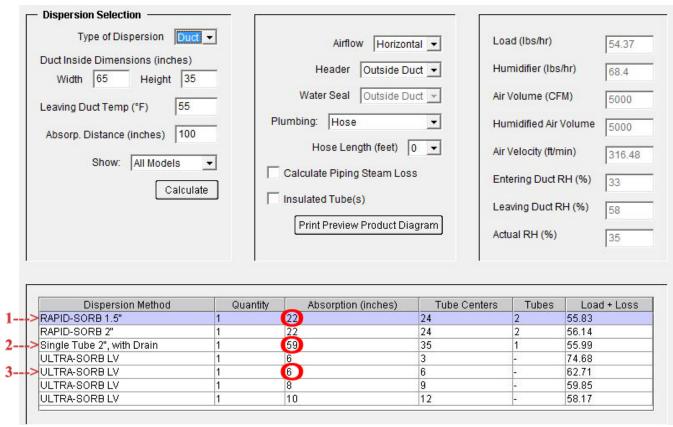
March 23rd 2012 ~ Monday Morning Minutes:

Absorption Distance In Action

by Chris Lieder

In the last couple Monday Morning Minutes, we showed how the type of humidifier dispersion method could affect the absorption distance. Let's look at an example.

Example: 5000 CFM at 55°F Duct temperature to provide a room RH at 35% at 70°F with 50% outside air.



- 1. Traditional single tube dispersion....... <u>59"</u> inches absorption
- 2. Rapidsorb multiple tube dispersion...... 22" inches absorption
- 3. Ultrasorb panel type dispersion........... <u>6"</u> inches absorption

As you can see, in tight spaces, Ultrasorb or Rapidsorb can solve wetting problems in ducts.

Next week we show an easy way to save energy.

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