More About Humidors & Maintaining Humidity Levels

When using the water absorbing crystals, it is necessary to calculate the amount of crystals to use.
Using a bowl or a mesh bag, for holding the wet crystal granules has no effect on humidity calculations.

To find the cubic inch size of your humidor is easy.
Measure (in inches) the storage area (inside area) of your humidor.

Using the formula: Width x Length x Height (don't forget to count the area in the cover) = ??/540.
Calculated cubic area, divided by 540 = the minimum ounces of dry crystals granules that are needed.
First soak the dry crystal granules in distilled water for 1 minute.
The crystals will not fully hydrate in this short time.
Place crystal granules in the humidor and allow for ~48 hours for the humidity levels to level out.
The humidity level for most cigars is around 65%.

To raise the humidity level means the crystal granules need more moisture added to them.
Using distilled water, lightly mist the crystal granules (avoid misting the cigars).

Check after 24-48 hours and repeat until about 64-66% humidity level is reached.

Only soaking the crystal granules at the start for only a short time prevents them from reaching their maximum absorption amount, they begin to release moisture, increasing the humidity within the humidor.

When opening the humidor case in an area that has a higher humidity level than 65% (such as on a rainy day), once the humidor is closed the crystal granules are not completely hydrated to their maximum.
They start absorbing this excess moisture and restoring the humidor back to the proper humidity level.

If the humidor's humidity level falls below the 65% level, repeat the misting with distilled water to raise the humidity level back up. After a while the humidor case with cigars will settle at the 65% level.
Once everything is level, your repeated misting will rarely be necessary.

While 65% is our recommended humidity level for cigars, you can set your own preferred level by adding distilled water until the higher humidity level is reached.

To lower the humidity (drier) just sprinkle pinches of dry crystal granules among the wet granules.
The dry crystals will absorb some of the humidity and slightly lower the humidity.

Remember to allow several days for the case and cigars to adjust to any changes you make.