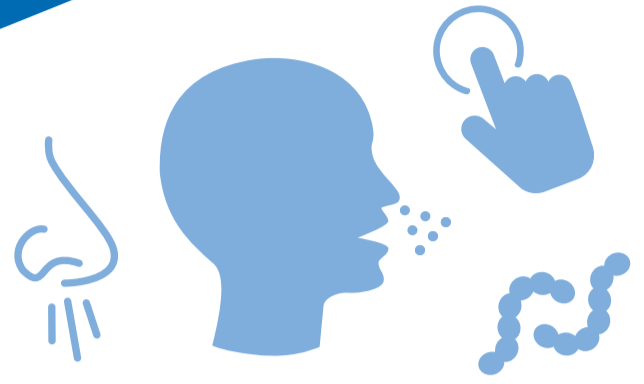


How To Fight The Flu With Humidification

Being sick is no fun! By implementing an effective infection control strategy with humidification, you can reduce the spread of germs.



It All Starts With Aerosols

Everyone releases tiny water droplets, called aerosols, when they breathe, talk, cough or sneeze. These microscopic droplets are composed of solutes such as saliva, mucus, salts, germs and viruses. Droplets less than 4 microns can remain airborne and infectious for hours.

Large vs. Small Aerosol Droplets

When humidity levels are between 40% - 60% RH supersaturated solutes in the infectious droplets inactivate the microbes and protect us from infections. The aerosol droplets containing water are larger, settle faster and have shorter "floating time".

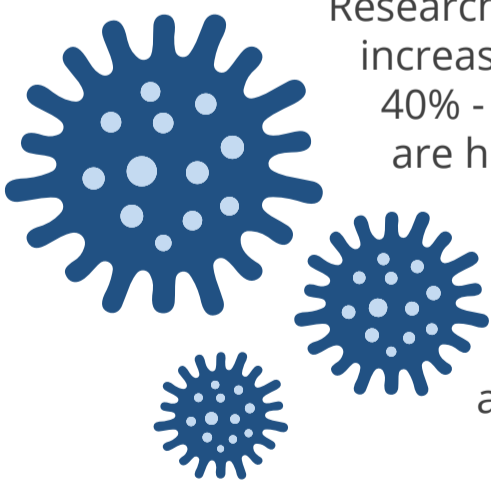
Droplets in dry atmospheres of less than 40% RH lose their moisture content, shrink in size and when they become less than 4 microns in diameter they are harder to control. These tiny droplets have been shown to remain airborne and infectious for hours to days spreading air borne infections.



Humidification – An Easy Remedy for the Flu

Research has shown that a simple way to reduce flu infection is to increase indoor humidity levels. In an atmosphere with between 40% - 60% RH, expelled droplets retain their moisture content, are heavier and unable to remain airborne.

Furthermore, the dissolved salts inside the remaining airborne droplets create a hostile environment for any suspended microbes, decreasing their infectious nature and any risk they pose to your health.



Get Started: Stop The Spread

To learn more about our commercial humidifiers, industrial humidifiers and other humidity control products, please visit www.humidity.com.



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