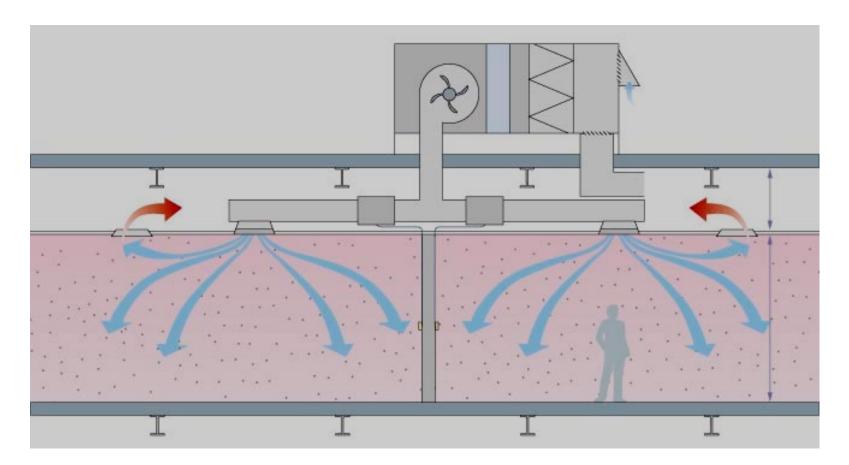
Manufactured for and Distributed by



# **Conventional Air Conditioning**

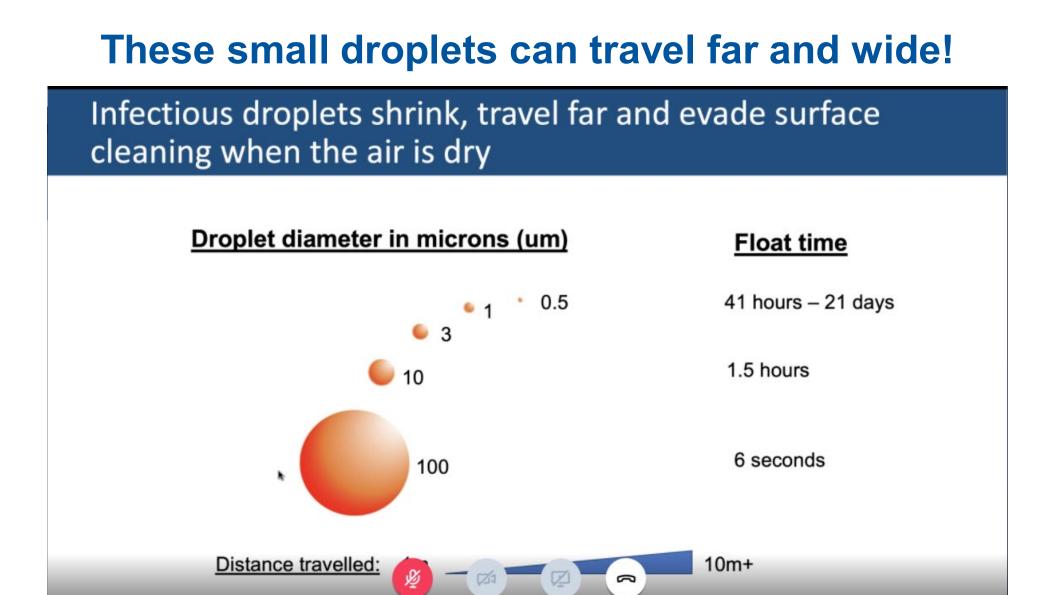
# Mixing System



## What is the Value of Human Health in Office Buildings?



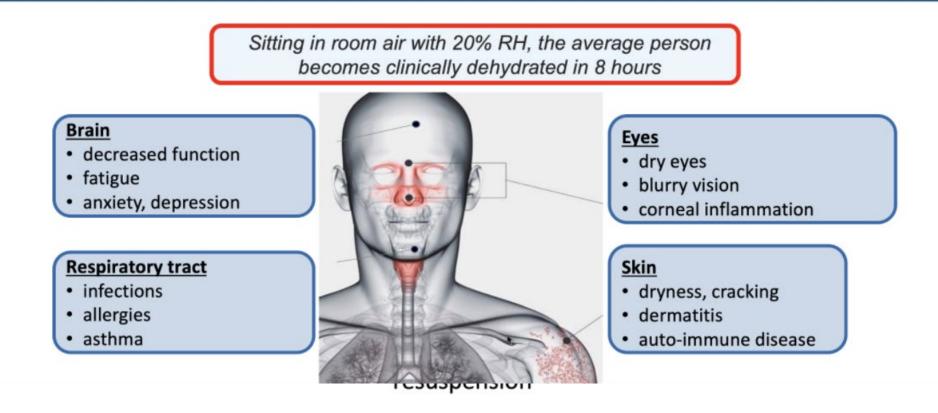
Overhead systems fully mix *all the air in the room from all the occupants in the room*. It begs the question: Why would we want to mix and dilute the very air we spent effort to clean with the airborne particles that are most dirty?



The vulnerability is LESS when the RH is 40-60

# These small droplets can travel far and wide!

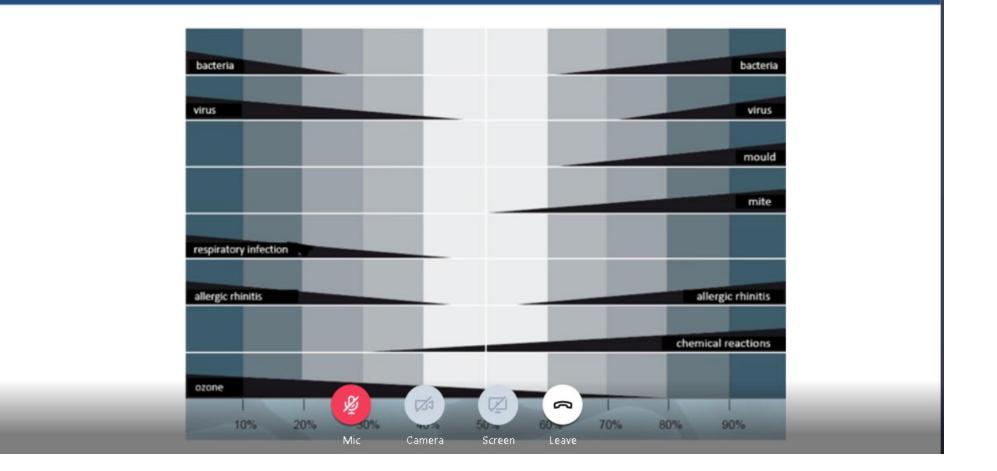
### Conversely, humans suffer in low RH



The vulnerability is LESS when the RH is 40-60

### **Not New information!**

#### ASHRAE 1985: "Optimal RH Level For Health" = 40%–60%

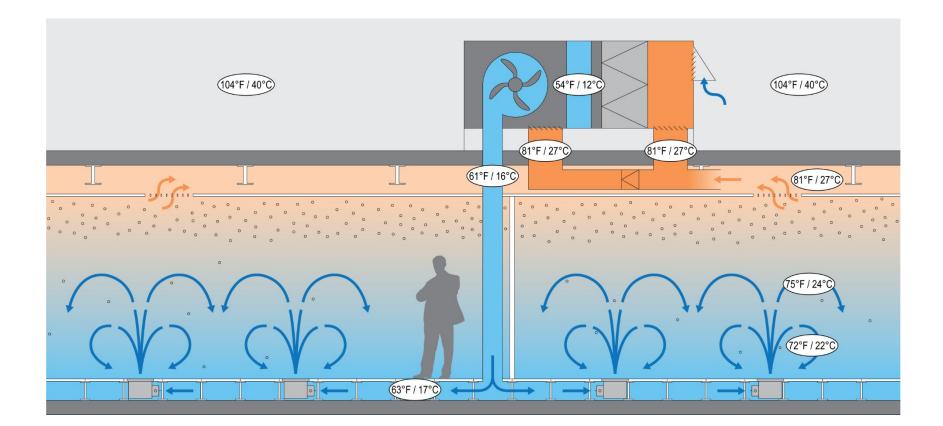


The vulnerability is LESS when the RH is 40-60

In a cold climate, you could get condensation – well improve the insulation in the buildings

### **Under Floor Air Distribution**

## A More Natural System



### **Under Floor Air Distribution**

### Dilution vs. Floor Supply

