

Defines exhaust flow requirements for: Bathrooms Kitchens Whole Building Latest version is ASHRAE 62.2 - 2016

TRAINING CENTER









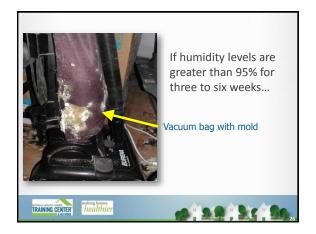


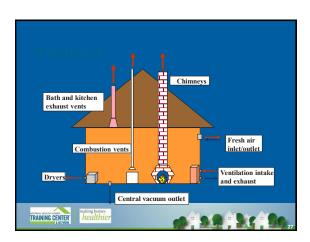


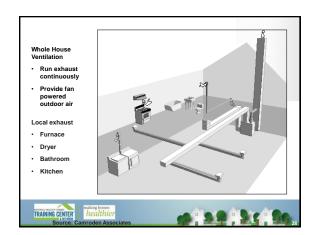










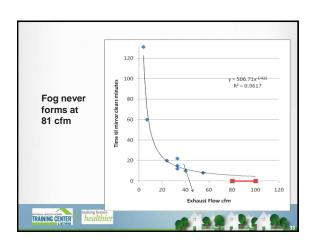


















Merv	Particle Size ([m)	Typical Controlled Contaminant	
1-4	>10.0	Pollen, sanding dust, textile and carpet fibers	
5 – 8	3.0 – 10.0	Mold, spores, hair spray, cement dust	
9 – 12	1.0 – 3.0	Legionella, lead dust, welding fumes	
13 – 16	0.3 – 1.0	Bacteria, most tobacco smoke, insecticide dust, copier toner	
17 – 20	□ 0.3	Virus, combustion particles, radon progeny	

MOISTURE ASSESSMENT

- Wet spots/water inside and outside
- Mold/stains/rot inside & outside
- Condensation/humidity attic, living space, windows, basement/crawl space
 - Warning Signs: greater than 65% Rh in when AC on or greater 55% Rh inside when temp <45 degrees
- Always ask: what's the moisture source and likely fix





VENTILATION ASSESSMENT

- Is existing ventilation working:
 - Bath fans exterior exhaust? Flow rates?
 - Kitchen fans exterior exhaust? Flow rates?
 - Dryer exterior exhaust?
 - Filter ratings
- If tightening home, do we need added mechanical ventilation?





HEALTH RELATED WOR	RK PRACTICES	
Venting dryersInstalling bath fansAir sealing crawl spaces		
See Advanced Energy for resources www.advancedenergy.org		
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