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# Bathroom Ventilation Protocol



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## Directions:

To confirm that the attached Bathroom Ventilation Protocol is implemented within the project, provide a policy detailing each of the following components as it applies to the project. Project Teams must use the document as guidance to detail all of the following components implemented in the project. Official protocols must include protocol duration dates and be on company letterhead.

**A qualifying Bathroom Ventilation Protocol must include all of the following:**

## SECTION 1: Implementation

The Bathroom Ventilation Protocol must apply to the following required areas:

Use only the below implementation section relevant to the specific project:

### MULTIFAMILY RESIDENTIAL

Applies to all bathrooms within the project.

### SENIOR HOUSING

Applies to all bathrooms within the project.

## SECTION 2: Ventilation System Types

Each full bathroom within the project must be equipped with one of the following ventilation systems:

- Continuously Operating Ventilation System (systems that are in constant operation regardless of usage)
- Demand-Controlled Air Ventilation System (systems that turn on and off based on usage)

### SECTION 3: Ventilation System Specifications for Full Bathrooms

(Full bathrooms include a bathtub, shower, spa or similar source of moisture)

All installed ventilation systems must meet the below as applicable to system type:

- For Continuously Operating Ventilation Systems:
  - Ensure ventilation levels of at least 20 cfm or 10 L/s\*
  - Systems must be rated for sound at a maximum of 1.0 sone.\*
  
- For Demand-Controlled Air Ventilation Systems:
  - Ensure ventilation levels of at least 50 cfm or 25 L/s\*
  - Systems must be rated for sound at a maximum of 3 sone\*
  - Provide separate source ventilation (ventilation that is directed fully outdoors).
  - Ensure operation through one of the below qualifying permissible control systems:
    - fan/light switch, crank timer
    - delay-off timer
    - humidity or IAQ sensor
    - shut off self-timers
    - programmable timer
    - occupancy sensors.

### SECTION 4: Ventilation System Specifications for Toilets

(Toilets do not include a bathtub, shower, spa or similar source of moisture)

- Ventilation openings should be provided with an openable area not less than 4% of the room floor area or less than 1.5 ft<sup>2</sup> (.15m<sup>2</sup>).
- Individual toilet compartments in bathrooms do not need separate openings

\*Ratings for sound and airflow are made by the Home Ventilating Institute and can be found for qualifying bathroom fans and vents at the following link: <https://www.hvi.org/hvi-certified-products-directory/>