



Intent

Reduce moisture and exposure in indoor pollutants in kitchens and bathrooms.

Requirements

Prerequisites (Mandatory Measures)

5.1 **Basic local exhaust.** Meet all of the following requirements:

- a. For each individual dwelling unit, design and install local exhaust systems in all bathrooms (including halfbaths) and the kitchen to meet the requirements of Section 5 of ASHRAE Standard 62.2-2007. Sample requirements that relate to minimum intermittent local exhaust flow rates are shown in Table 19, below.
- b. For each individual dwelling unit, design and install the fans and ducts to meet the requirements of Section 7 of ASHRAE Standard 62.2-2007.
- c. Exhaust air to the outdoors (i.e., exhaust to attics or interstitial spaces is not permitted).
- d. Use ENERGY STAR labeled bathroom exhaust fans (except for exhaust fans serving multiple bathrooms).
- e. For all spaces outside dwelling units, meet the requirements for local exhaust from ASHRAE Standard 62.1-2007.

Credits (Optional Measures)

5.2 **Enhanced local exhaust** (1 point). Use one of the following strategies in every bathroom to control the use of the local exhaust fan:

- a. An occupancy sensor.
- b. An automatic humidistat controller.
- c. An automatic timer to operate the fan for 20 minutes or more after occupant leaves the room.
- d. A continuously operating exhaust fan.

5.3 **Third-party performance testing** (1 point). Perform a third-party test of each exhaust air flow rate for compliance with the relevant requirements: Section 5 of ASHRAE 62.2-2007 for in-unit exhaust; Table 6-4 in ASHRAE Standard 62.1-2007 for spaces outside the dwelling units.

Location	Minimum Air Flow: Intermittent	Minimum Air Flow: Continuous
Kitchen	100 cfm	5 ACH
Bathroom	50 cfm	20 cfm