



| v3 - LEED 2008

## Garage pollutant protection

MEQc10 | Possible 3 points

Glossary

### Intent

Reduce occupant exposure to indoor pollutants originating from an adjacent garage.

### Requirements

#### Prerequisites (Mandatory Measures)

10.1 **No HVAC in garage.** Place all air-handling equipment and ductwork outside the fire-rated envelope of the garage.

#### Credits (Optional Measures)

10.2 **Minimize pollutants from garage for mid-rise** (2 Points). Tightly seal shared surfaces between garage and conditioned spaces, including all of the following:

- a. In conditioned spaces above the garage:
  - a. seal all penetrations;
  - b. seal all connecting floor and ceiling joist bays; and
- b. In conditioned spaces next to the garage:
  - a. weather strip all doors;
  - b. place carbon monoxide detectors in adjacent rooms that share a door with the garage;
  - c. seal all penetrations; and
  - d. seal all cracks at the base of walls.
- c. Include a vestibule that provides an airlock between the garage and adjacent occupiable spaces OR provide self-closing doors and deck-to-deck partitions or a hard lid ceiling.
- d. Exhaust Fan in Garage. Follow the requirements laid out in ASHRAE 62.1-2007. Exhaust the garage sufficiently to create negative pressure with respect to adjacent spaces with the doors to the room closed. The exhaust rate shall be at least 0.75 cfm/ ft<sup>2</sup>, with no air recirculation, provided continuously.

#### OR

10.3 **Detached garage or no garage** (3 Points).