

2015 Energy Code Whole House Ventilation Requirements

For Dummies

To meet whole house ventilation requirements, you have a choice of 3 options.

Option 1

Use a ERV (Energy Recovery Ventilator)

Energy recovery ventilation (ERV) is the energy recovery process in residential and commercial HVAC systems that exchanges the energy contained in normally exhausted air of a building or conditioned space, using it to treat (precondition) the incoming outdoor ventilation air. The specific equipment involved may be called an Energy Recovery Ventilator, also abbreviated *ERV*.

Option 2 (Local Exhaust)

This option uses one **designed ECM** constant run bath fan in a bathroom of your choice, only one is required in the home additional bathrooms can use a normal bath fan.

In addition to the **designed ECM** constant run bath fan, **you must** also vent the kitchen with your choice of microwave, Hood vent, to the outside using approved methods.

Exhaust ventilation systems work by depressurizing your home. The system exhausts air from the house while make-up air infiltrates through leaks in the building shell and through intentional, passive vents.

Option 3 (Using your Furnace blower)

This option uses **your furnace** blower by ducting a 6inch pipe from the outside to the return side of your ductwork with a directional spring-loaded damper in line of the pipe.

Then using a type of thermostat that has the capabilities to turn on your furnace blower at a fixed percent every hour.