

Knox County Code Administration & Inspection

IRC Mechanical Ventilation (Exhaust fans)



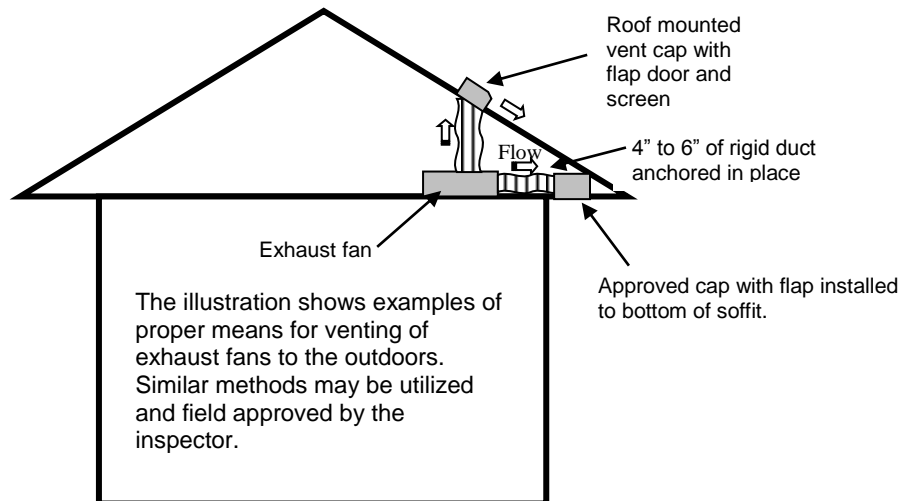
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IRC Section M1505.2: Recirculation of air. Exhaust air from bathrooms and toilet rooms shall not be recirculated within a residence or circulated to another dwelling unit and shall be exhausted directly to the outdoors. Exhaust air from bathrooms, toilet rooms and kitchens shall not discharge into an attic, crawl space or other areas inside the building.

IRC Section M1504.3: Exhaust Openings. Air exhaust openings shall terminate not less than 3 feet from property lines; not less than 3 feet from gravity intake openings, operable windows and doors; and not less than 10 feet from mechanical air intakes except where the opening is located not less than 3 feet above the air intake opening.

Knox County Code Administration & Inspection Department accepts a bath exhaust vent terminating in the soffit. The vent must be permanently attached to soffit area with 4 to 6 inches of rigid duct. The duct must attach to an approved exhaust cap with a proper flap closing mechanism. The cap is to be mounted to the underside of the soffit. The flap must be in the closed position when the vent is not in operation.

NOTE: If the exhaust fan is installed in a separately enclosed toilet room, another exhaust vent fan must be installed in the shower/bath area to remove moisture.



Section M1502: Clothes Dryer Exhaust. Dryer exhaust must be independent of all other systems and must terminate to the outside. Duct is required to be 4" diameter solid 28 gage metal with smooth interior. Dryer duct must be supported every 12 feet minimum and have a maximum length of 35 feet. Deformation of duct not allowed when the duct is concealed in wall or ceiling cavities.

Section M1502.4.3: Transition Duct. Transition duct is used to connect the dryer to the exhaust duct system. It cannot be greater than 8' in length and cannot be concealed within construction.

Venting methods illustrated above and those using approved vent terminations will be allowed by the Knox County Code Administration.