



Principal Ventilation System

The Building Standards Department issues Builder Tips as part of our customer service program. They are designed to provide an improved understanding of the Building Code and to reduce the costs associated with correcting infractions. Please contact your area building inspector for further information or call the Building Standards Department at 905.475.4848 extension 2189

9.32.3.3. Principal Ventilation System

(2) The principal ventilation fan shall be capable of operating at an exhaust capacity complying with Table 9.32.3.3., referred to hereinafter as the “normal operating exhaust capacity.” (See Note A-9.32.3.3.(2))

(3) The requirement for a principal ventilation fan may be satisfied by a single fan, by the exhaust side of a heat recovery ventilator, or by a group of fans, provided all fans in the group are controlled simultaneously by a controller complying with Sentences (5) to (7). (See Note A-9.32.3.3.(3))

(4) The components of the principal ventilation system shall be approved by their manufacturer for continuous operation.

(5) The principal ventilation fan shall be controlled by a manual switch located within the living area of the dwelling unit and clearly marked **VENTILATION FAN**. (See Note A-9.32.3.3.(5))

(6) If all controls serving the principal ventilation fan are in the “off” position, the principal ventilation system shall not operate.

(7) The requirement for a manual switch stated in Sentence (5) can be satisfied by a manual override incorporated in a dehumidistat or automatic control, provided

- (a) the automatic control is located within the living area of the dwelling unit, and
- (b) the manual override is clearly marked **VENTILATION FAN**.



OBJECTIVE

Mechanical ventilation is an effective means of reducing the potential for unhealthy levels of indoor air contaminants due to the use of building materials and occupant lifestyles. To avoid costly service calls and complaints, it is important that a homeowner understands how to operate and maintain the ventilation system. The homeowners ability to control the rate of ventilation may be achieved by single, multiple or automatic controls.