

California Title 24 Multi-Family Compliance Solutions



Understanding the New Requirements

- Total Required Ventilation Rate = $(.03 \times \text{sq. ft.}) + (7.5 \times (\text{bedrooms} + 1))$
- Examples:
 - 1,000 sq. ft., 1 BR = 45 CFM
 - 1,200 sq. ft., 2 BR = 59 CFM
 - 1,600 sq. ft., 2 BR = 71 CFM
- Two Compliance Options:
 - Balanced Ventilation System
 - Continuously operating exhaust or continuously operating supply allowed only if envelope leakage is ≤ 0.3 CFM at 50 Pa per square foot of dwelling unit surface area
- Minimum MERV 13 filter required on supply or supply side of balanced systems

Let Us Help You Meet Title 24's Multi-Family Requirements

Broan's "Best-in-Class" ventilation solutions can help customers meet Title 24 requirements two different ways.

- 1) If a contractor can prove the dwelling unit leakage is ≤ 0.3 CFM at 50 pascals per square foot of envelope surface area, the use of a continuous supply or continuous exhaust option can be used.

The continuous options are:

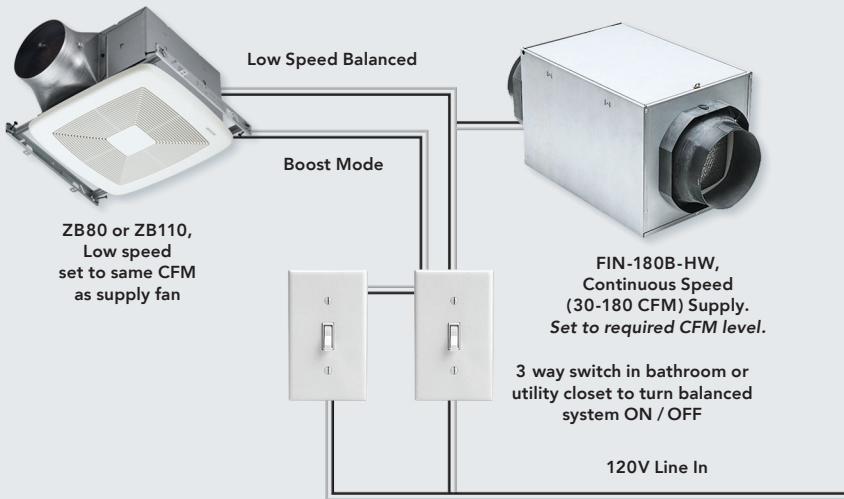
- Any Broan fan under 1.0 Sone
- **FIN-180B**-180 CFM Power Cord basic supply fan
- **FIN-180P**-180 CFM Power Cord Premium Supply Fan
- **FIN-180P-HW**-180 CFM hardwired Premium Supply Fan
- **FIN-180B-HW**-180 CFM hardwired basic supply fan

- 2) If a dwelling has a greater unit leakage than 0.3 CFM, a balanced ventilation system will provide all the needs to meet the requirements. See options outlined on back for a balanced ventilation system.

Balanced Ventilation System Options



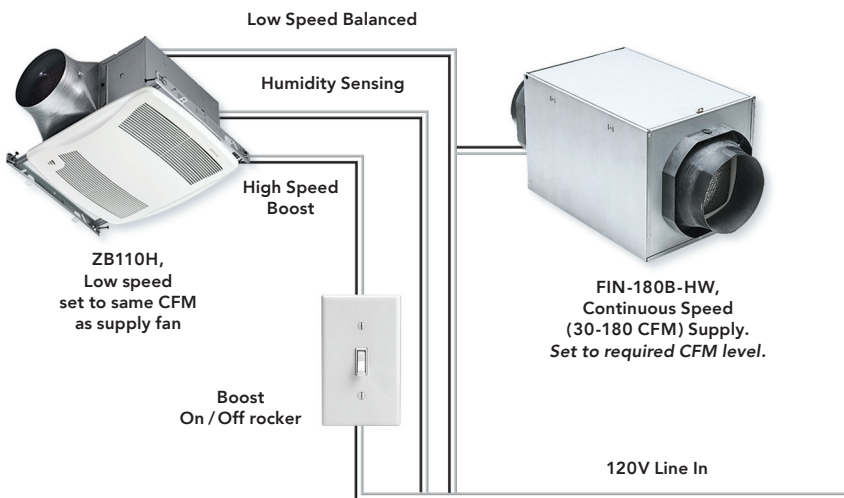
Can be used to comply with 2019 Part 6



Continuously Balanced Ventilation without Humidity Sensing

Exhaust Ventilation Fan and Supply Fan set the required CFM level

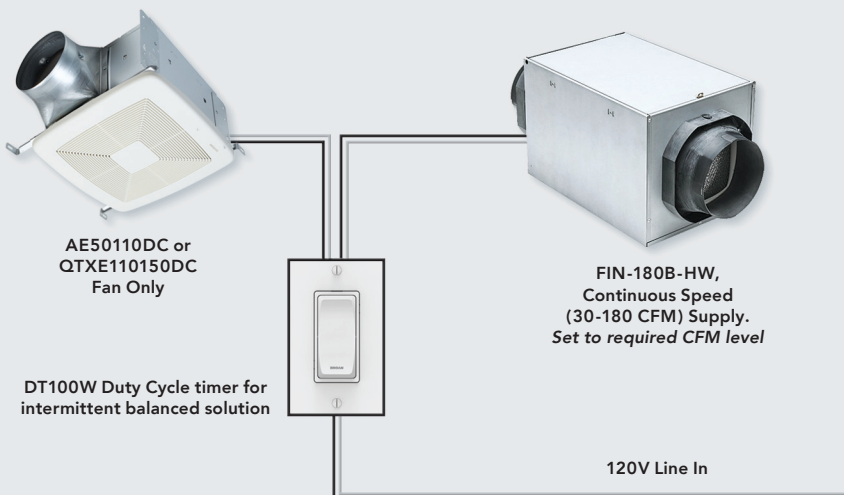
- Exhaust Fan ZB80 or ZB110
 - 80 CFM, < 0.3 Sones
 - 110 CFM, < 0.3 Sones
- Supply Fan FIN-180B-HW
 - 30-180 CFM, 0.65 Sones at 130 CFM
- Wall Controls
 - One 3-Way Switch
 - One Single Rocker



Continuously Balanced Ventilation with Humidity Sensing

Exhaust Ventilation Fan and Supply Fan set the required CFM level

- Exhaust Fan ZBH110H
 - 110 CFM, < 0.3 Sones
- Supply Fan FIN-180B-HW
 - 30-180 CFM, 0.65 Sones at 130 CFM
- Wall Controls
 - Single Rocker Switch



Intermittent Balanced Ventilation

Exhaust Ventilation Fan and Supply Fan set to 110 CFM to match

- Exhaust Fan AE50110DC or QTXE110150DC
 - Many CFM and Sone Options
- Supply Fan FIN-180B-HW
 - 30-180 CFM, 0.65 Sones at 130 CFM
- Wall Controls
 - DT100W Duty Cycle Timer