California Title 24 Multi-Family Compliance Solutions

Understanding the New Requirements

• Total Required Ventilation Rate = (.03 x sq. ft.) + (7.5 x (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

**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 AES0110DC 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