



- Enhances indoor air quality of the home
- Complies with ASHRAE 62.2 2010, 2013 and 2016, Title 24
- Factory preset for a 3 bedroom, 2,000 sq-ft home
- New or existing single/multi-family operation
- Customizable for nearly any size home

The Fresh Air Ventilation Control™ (FAVC) is designed to provide fresh air ventilation and comply with ASHRAE 62.2 and Title 24 ventilation standards while greatly improving the indoor air quality and comfort in the home. The FAVC interactively works with a residential HVAC system thermostat and the central fan air handler system to periodically introduce controlled amounts of fresh air into the home.



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# Better Air For Better Living

The FRESH AIR VENTILATION CONTROL:  
Effectively manages the central fan  
to meet required ventilation and  
to deliver fresh indoor air.

## A Home Is A System

The Fresh Air Ventilation Control recognizes the home is a system and integrates the central fan to meet ventilation requirements and improve indoor air quality.

### Today's Well-Built Homes Require Better Ventilation

Homes built today are energy efficient with better insulation and are more tightly sealed. As a result, homes trap stale, unhealthy air inside. The ASHRAE 62.2 fresh air ventilation standard was established to ensure adequate air changes and improve indoor air quality. Exhaust-only fans like those in bathrooms supply air from uncontrolled and potential unhealthy sources like the garage, attic, crawl space, or basement and create negative pressure in the home. Fresh air must come from outdoors. The Field Controls FRESH AIR VENTILATION CONTROL (FAVC) manages fresh outdoor air intake, per Title 24, and stale indoor air exhaust to provide whole-dwelling, balanced ventilation while satisfying ASHRAE 62.2 2010, 2013 and 2016 standards.

#### Indoor Air Quality

"Increasing ventilation rates will reduce respiratory illness and associated sick leave, reduce sick building systems, and increase productivity."

– CEC case report study

#### Same Cost, Added Benefit

"Higher ventilation rates corresponded with lower VOCs, formaldehyde, and CO2, and improvements in health—fewer headaches, eczema, and skin allergies."

– Francisco 2016 study

#### Time Spent Indoors

"We spend as much as 90% of our time indoors. Consequently, allergens and irritants from the indoor environment may play a significant role in triggering asthma and allergy episodes."

– CDC Healthy Housing Manual

### Fresh Air Ventilation Control Benefits:

- ✓ Better distribution through existing duct work
- ✓ Preset for a 3 Bedroom, 2,000 sq-ft home
- ✓ Complies with ASHRAE 62.2 2010, 2013, 2016 and Title 24
- ✓ Simple Installation with low power usage
- ✓ Optional MERV 13 filtration when combined with a media filter cabinet
- ✓ Multiple Climate Application Modes for both single/multi-family operation

## A better fresh air ventilation solution for high quality, energy efficient homes

**Why exhaust air when you can improve it and circulate it for the same cost?**



#### EASILY CUSTOMIZABLE

The Fresh Air Ventilation Control comes from the factory pre-set for a 3-bedroom, 2,000 sq.-ft. house and is easily adjusted to different size homes. The FAVC is out of the box compliant with ASHRAE standards.



#### EXHAUST CREDIT

The FAVC monitors up to four exhaust appliances within the home to adjust ventilation needs based on total appliance operation, and can provide Make-Up air in response to an exhausting appliance.



#### HUMIDITY MONITORING

The Fresh Air Ventilation Control monitors humidity conditions, similar to an HRV/ERV, and can interface with multiple additional exhaust fans to adjust and deliver ventilation needs intelligently.