

# FAVC (Fresh Air Ventilation Control) Feature Comparison



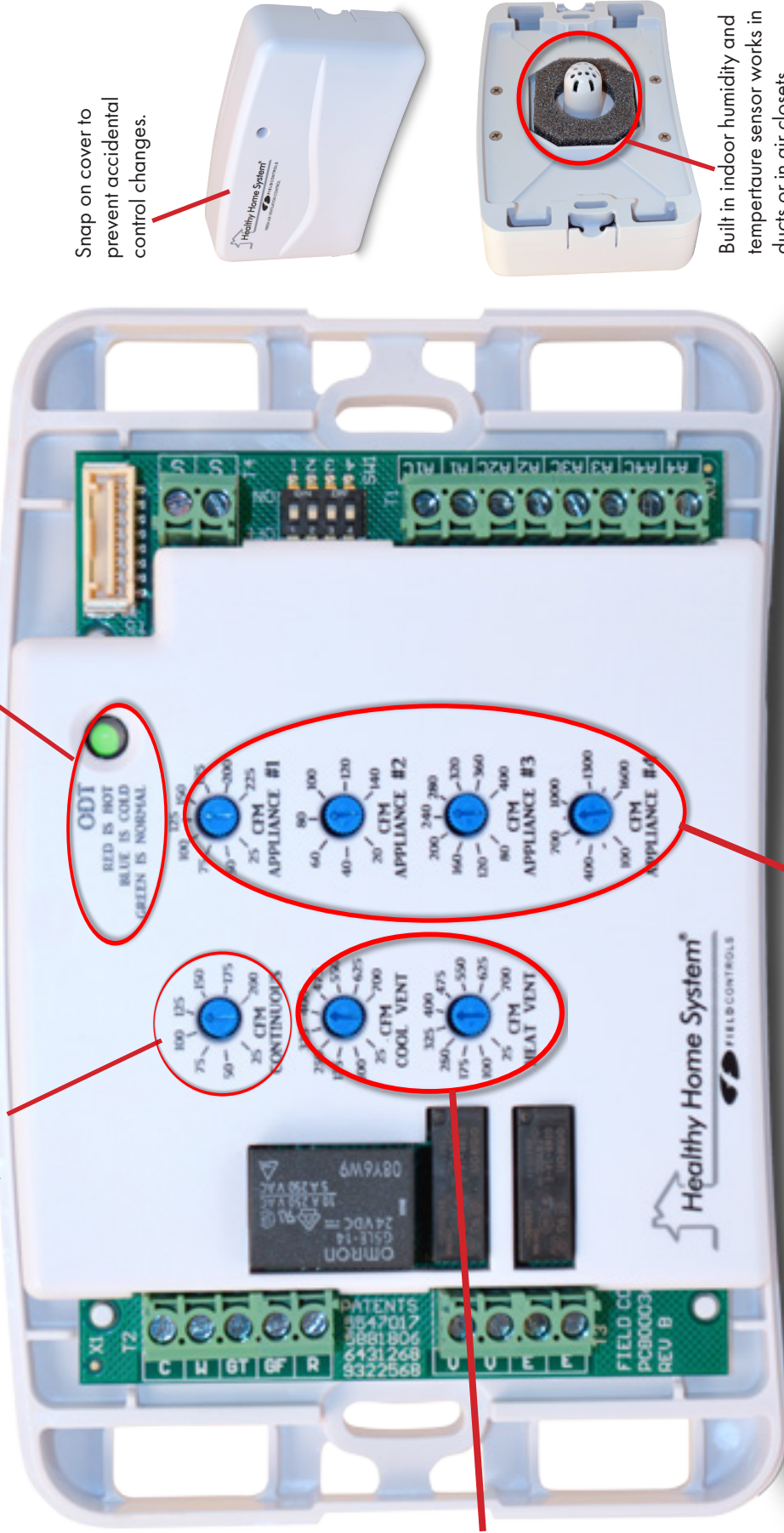
<b>Field Controls FAVC (Fresh Air Ventilation Control)</b>	APRILAIRE 8120A / 8126A	HONEYWELL Y8150	LIPIDEX G2/G2-K	JACKSON SYSTEMS VCS
	LENNOX LVCS			IO-FAV-06

CODE COMPLIANCE					
ASHRAE 62.2 2010 COMPLIANT	✓	✓	✓	✓	
ASHRAE 62.2 2013 COMPLIANT	✓			✓	✓
ASHRAE 62.2 2016 COMPLIANT	✓			✓	
ASHRAE CONTINUOUS CFM	✓			✓	
EXCLUSIVE FAVC FEATURES					
APPLIANCE VENTILATION CREDIT	The FAVC can monitor up to 4 appliances and apply credit from those fans. The FAVC can monitor a variety of fan types and CFM ranges, from bathroom fans and ERV/HRVs (20-225 CFM) and clothes dryers and standard kitchen range hoods (80-400 CFM) to fireplace and commercial range hoods (100-1600).				
INDOOR TEMPERATURE/HUMIDITY MONITORING	The FAVC has a built-in Indoor Temperature/Indoor Humidity sensor to continuously sense actual return air duct environmental conditions. The FAVC can be installed directly to the return air plenum of the HVAC system, or it can also be installed on the wall in air closet application.				
PLENUM PROTECTION & WINTER DEHUMIDIFICATION	The FAVC continuously monitors indoor Relative Humidity and uses the fresh air damper to regulate humidity in the winter months and to prevent humid conditions the summer months by reducing the ventilation during periods of high dew points. The FAVC also monitors outdoor air temperature. In addition to humidity control to prevent mold, the FAVC has built-in protection for furnace plenums during the heating months of winter and shoulder seasons that will prevent condensation and corrosion of the heat exchanger.				
30 MINUTE CYCLE PERIOD	With a 30-minute cycle period, the FAVC introduced fresh air more frequently and regularly which means the air is more evenly balanced and HVAC system does not have to work hard to catch up with a wide range temperatures that can occur over a 60 minute time period.				
CONTROL FEATURES					
CONTROL SETTINGS TYPE/ EASE OF SET UP	Dial Settings/ Simple	Dial Settings/ Simple	Dial Settings/ Simple	Hidden, Menu Driven/Complex	Dial Settings/ Simple
ENERGY SAVING MODE	✓			✓	
COMPATIBLE WITH AN HRV/ERV	✓	✓	✓		
25% VENTILATION REDUCTION BASED ON OUTDOOR TEMPERATURE	✓	✓		✓	
REMOTE INPUTS	2		1		1
CLIMATE ZONE MODES W/INHIBIT OPTIONS	4	3			
INDOOR HUMIDITY MONITORING	✓	✓			
OUTDOOR TEMPERATURE MONITORING	✓	✓			
HIGH AND LOW TEMPERATURE LIMITS	✓	✓			
PROTECTIVE COVER	✓		✓		✓
DAMPER FEATURES					
DAMPER DESIGN	Stainless with seal				
DAMPER ACTUATION	Power open, Power close	Power open, Spring close	Power open, Spring close	Power open, Spring close	Power open, Spring close
DAMPER SIZES AVAILABLE	4" to 20"	6" or 8"	6" only		

# FAVC Features

The **CFM Continuous dial** controls the continuous ventilation rate based on size of home and number of bedrooms and is pre-set at 50 CFM.

3 color **ODT light** indicates whether outside air temperature meets ventilation requirements or if ventilation will be limited due to temperature or humidity levels.



Snap on cover to prevent accidental control changes.

Built in indoor humidity and temperature sensor works in ducts or in air closets.

The **CFM Cool Vent dial** and **CFM Heat Vent dial** are both preset at 150 CFM each and can be used to set the air flow rate through a Fresh Air Damper or HRV/ERV unit when central fan is running in cooling mode and heating mode.

## OPTIONAL APPLIANCE MONITORING CONTROLS

APPLIANCE DIAL	APPLIANCE TYPE	APPLIANCE CFM	STANDARD CONFIGURATION	OPTIONAL CONFIGURATION
#1	Bathroom Fan, HRV/ERV Unit	25-225	Offers balanced ventilation by monitoring the appliance and takes credit for ventilation requirement when appliance #1 fan runs.	<ul style="list-style-type: none"> <li>Energy Saving Mode</li> <li>Can drive appliance #1 fan in lieu of central fan</li> <li>Takes credit for ventilation with damper when heating or cooling</li> <li>Drives appliance #1 fan when additional ventilation is required within the heating/cooling cycle</li> <li>Gets energy credit when bathroom fan is used (non ECM central fan blower)</li> </ul>
#2	Bathroom Fan	20-140	Monitors appliance #2	
#3	Clothes Dyer, Standard Range Hood	80-400	<ul style="list-style-type: none"> <li>Passive Make-Up Air Mode</li> <li>Opens damper when appliance #3 is on</li> </ul>	<ul style="list-style-type: none"> <li>Active Make-Up Air Mode</li> <li>Turns on central fan and opens damper when appliance #3 runs</li> </ul>
#4	Fireplace, Commercial Range Hood	100-1600	Monitors appliance #4	<ul style="list-style-type: none"> <li>Active Make-Up Air Mode</li> <li>Turns on central fan and opens damper when appliance #4 runs</li> </ul>