



# FAPV

## Fresh Air Power Ventilator

## BENEFITS

The FAPV, also known as the Fresh Air Power Ventilator, is a highly efficient in-line, duct-connected fan designed to address two key objectives: meeting indoor ventilation code requirements and catering to occupant preferences. By effectively managing mechanical fresh air ventilation, this system plays a vital role in elevating indoor air quality. By introducing fresh outdoor air into your indoor environment, it accomplishes a crucial task - diluting the concentration of indoor contaminants. This translates to air that is notably cleaner and healthier to breathe.

## FEATURES

- Effective fresh air delivery by providing a consistent supply of fresh outdoor air
- Stabilizes home pressurization
- Built-in temperature & humidity sensor with no additional wiring needed
- Quick-Start Test feature for an immediate test cycle
- Fast Click® lock cover deters tenant or renter interference
- Seeks to ventilate with a heating or cooling call for optimal comfort and efficiency
- One dial to adjust intermittent ventilation
- On/off switch with easy access that does not require cover removal

# THE IMPACT OF SEALED HOMES

As modern homes continue to tighten their building envelopes, their ability to “breathe” naturally diminishes. This leads to a concerning reality: indoor air can be 5 to 10 times, and sometimes even 100 times, more polluted than the air outdoors (Source: EPA).

This compromised Indoor Air Quality takes a toll on the health and well-being of occupants. The shift toward sealed homes has brought forth serious Indoor Air Quality challenges.

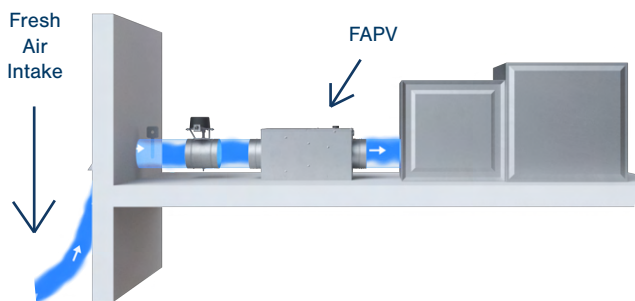


## HOW IT WORKS

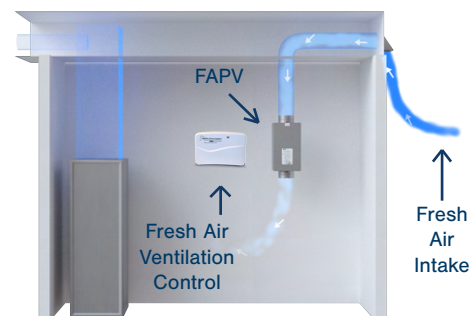
The FAPV offers versatile ventilation options tailored to your needs. You can configure it for continuous operation or intermittent cycles, all managed by a fresh air ventilation controller like the Field Controls model FAVC (Fresh Air Ventilation Control).

With an electronic speed control featuring a user-friendly Off switch, the FAPV ensures precise ventilation rates. Whether you require continuous ventilation or intermittent cycles in line with fresh air ventilation standards like ASHRAE 62.0, this speed control can be utilized to reduce outdoor airflow, aiding in meeting the minimum return temperature requirements of HVAC systems.

*HVAC System Typical Installation*



*Mechanical Closet Typical Installation*



FRESH AIR POWER VENTILATOR SPECIFICATIONS	
Model	FAPV-180AC
Power Supply	115 VAC, 60 HZ
Watts	85W
Amps (max speed)	0.09Aw
Temperature Range	-22° to 140°F Ambient Outdoor Temperature
Control Voltage (optional)	24VAC
Airflow Range	30 to 220 CFM @ 0.20 Static Pressure
Filtration	MERV-6 Washable, UL-900 Rated