

FreshCommand

MultiFamily Control



BENEFITS

The Field Controls Fresh Command MultiFamily Control (FCMC) is designed to provide dependable, intermittent or constant fresh air ventilation, year-round.

- Easy to install and quick to set up
- Saves on energy costs
- Reduces maintenance callbacks
- Improves indoor air quality

The FCMC uses only one adjustable dial to meet multifamily ventilation requirements, and it conforms to the latest building and energy codes.

FEATURES

- Complies to ASHRAE 62.2 2010; 2013; 2016; 2019(+)
- Auto-senses 8 key factors to balance temperature & humidity
- 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

SEQUENCE OF OPERATION

The FCMC operates on a 30-minute cycle period with dynamic dwell time to allow for synchronizing with the equipment when heating or cooling becomes active (W and Y terminals).

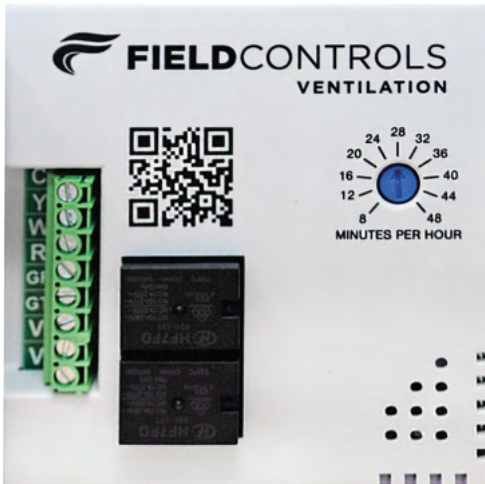
- Active equipment: the FCMC initiates a ventilation call once the period counter has completed
- Not active equipment: the FCMC holds starting the next call using a dynamic off-timer function based on the control set point



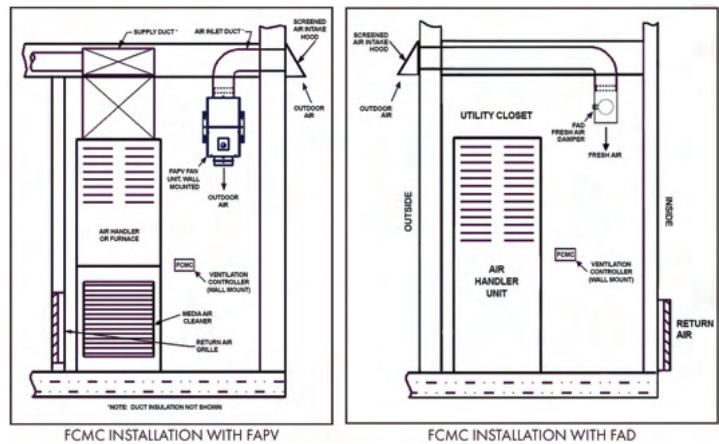
Dwell time = 30 minutes - Control Run Time (100%, 75%, 50%, 25%)

The wait period following the Dwell time is the full control set point time + 15 minutes. If the heating or cooling signal becomes active any time after the initial Dwell time has lapsed, there will not be an extended wait for the equipment to turn on or before another ventilation cycle begins.

CONTROLLER INTERFACE



MIXED PLENUM *Utility Closet Installation*



SPECIFICATIONS

KITS	POWER	WIRING	OUTPUTS	
FCPV: FCMC, FAPV	16-24VAC 1.28W	18-22 AWG, 24 VAC	Fan output: 8A inductive, @30VAC	Vent: 8A inductive, @30VAC or 30ADC
FCD: FCMC, FAD				