



CFMTM
CONTINENTAL FAN

*better AIRFLOW by DESIGN*TM

Residential Fans & Air Purifiers



Fan Controls



Variable Speed Controls (Solid State)

VSC3 and VSC9 variable speed controls are designed for AC motors.

- VSC3 Variable Speed Control - 3 amp - 3 Wire
- VSC9 Variable Speed Control - 9 amp - 3 Wire



Digital Timers

Time control auto shut off, in preset intervals, allows for proper ventilation and energy savings. The red LED indication light remains lit until the unit shuts off.

- DT60 Digital Timer 10 - 20 - 30 - 60 Minutes



Spring Wound Timer

Spring wound timer provides energy savings by limiting the "on-time" of the fan, up to 60 minutes. CT timers are easily installed in a standard electrical box. Cover plate not included.

- CT100V Spring Wound Timer 0 - 1 Hour



On/Off Switch (w/Pilot Light)

The neon light is ON when the switch is in the ON position. 15Amp, 120V Single Pole/ AC Switch. Cover plate not included.

- PLS120V ON/OFF Switch w/Pilot Light



Thermostat

The TST120V thermostat is suitable for direct connection with any resistance heating element or unit heater.

- TST120V Line Voltage Thermostat, 120V



Dehumidistat (for Humidity Control)

Wall mounted DHS dehumidistat allows for "problem" areas to be targeted for ventilation. Regulates relative humidity from 20% to 80% RH (8% RH Maximum Differential).

- DHS120V Dehumidistat



Current Sensor (Solid State)

The CS120VAF current sensor provides a compact, low cost method of detecting AC current. It is ideal for ON/OFF sensing of remote equipment.

- CS120AF Current Sensor, 120V, Solid State



Pressure Switch (with Time Delay)

Designed for HVAC or Energy Management applications, PST120V pressure switch is an airflow proving switch with an electronic cycle timing board.

- PST120V Pressure Switch w/Time Delay



Auto Transformer

TF auto transformer allows for voltage to be regulated to 60V & 90V increments. Channel frame mounting and metal end shells make for a simple installation.

- TF120V Auto Transformer - 90/60V

DFC DIGITAL FAN CONTROL

Indoor Air Quality (IAQ)

Indoor Air Quality (IAQ) has become an important part of our everyday lives. IAQ affects us in the workplace, schools and more significantly, in our homes. The American Society of Heating, Refrigeration and Air-Conditioning Engineers publishes ASHRAE 62.2, a standard that defines the minimum ventilation requirement and acceptable indoor air quality in low-rise residential buildings.

The DFC Digital Fan Control uses smart technology to address the requirements of ASHRAE 62.2, and it is capable of automatically calculating the airflow required to achieve acceptable indoor air quality. It is designed to provide increased ventilation control that is efficient and affordable. Its unique architecture offers a choice of five distinct modes of operation, allowing the control to be programmed to suit a user's preference and lifestyle. When combined with an AXC In-Line Duct Fan, the DFC Digital Fan Control provides an excellent way of meeting IAQ standards.



Design Features

- Easy to install
- Simple to program
- Convenient display with backlight
- User friendly icons
- Easy to read digital clock
- Automatic Daylight Savings Time function
- ASHRAE 62.2 ventilation standard
- Promotes proper Indoor Air Quality (IAQ)
- Ideal for home & bathroom ventilation
- Available in white or ivory
- Designed for single-speed fan operation
- Five year warranty

Modes of Operation

The DFC Digital Fan Control allows the user to choose from five modes of operation:

1. Ventilation Mode



The Ventilation Mode is designed to achieve ASHRAE 62.2 acceptable indoor air quality. In this mode, the fan control operates on a 60 minute cycle, automatically determining the percentage of run time based on floor space, number of rooms and fan capacity. For example, if the fan is On for 15 minutes, it will be Off for 45 minutes.

2. Customized Cycle Mode



The Customized Cycle Mode allows the user to set the On and Off periods for the fan. Once selected, the control will cycle the fan automatically based on the user's preference.

3. Daily On/Off Mode



The Daily On/Off Mode allows the user to program the fan to turn On and Off once a day, at user defined times.

4. Manual Mode



In the Manual Mode, the control operates the fan like a regular on/off switch. Simply pressing the main button turns the fan On or Off.

5. Countdown Mode

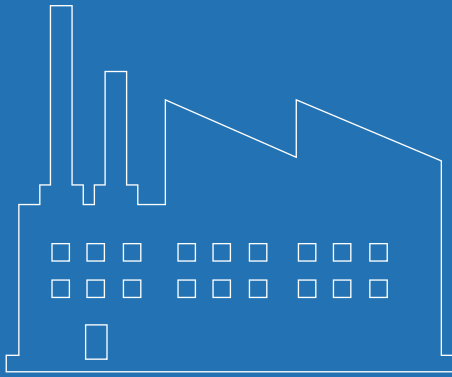


The Countdown Mode allows the fan to operate for any period between 10 and 60 minutes. At the end of the countdown period, fan operation will return to its prior programmed mode.

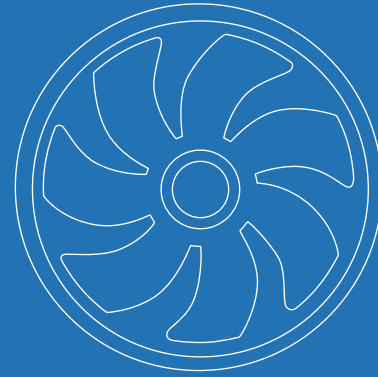
VENTILATION AIR REQUIREMENTS (CFM)

Floor Area (ft ²)	Bedrooms				
	0-1	2-3	4-5	6-7	>7
< 1,500	30	45	60	75	90
1,501 - 3,000	45	60	75	90	105
3,001 - 4,500	60	75	90	105	120
4,501 - 6,000	75	90	105	120	135
6,001 - 7,500	90	105	120	135	150
> 7,500	105	120	135	150	165

Table 4.1A, ASHRAE 62.2-2007



***Industrial Fans
& Blowers***



***OEM Solutions
& Custom Fans***



***Commercial Fans
& Dampers***



***Residential Fans &
Air Purifiers***



Residential Fans & Air Purifiers

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