



INDOOR AIR QUALITY

PRODUCT GUIDE

www.mingledorffs.com



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HEALTHY HOME SYSTEMS

[Click for more info on Healthy Home Systems](#)

TRIO-16 & TRIO-20 INDUCT 3-IN-1 AIR PURIFICATION SYSTEMS

The TRIO-16 and TRIO-20 induct air purification systems keep air in the home fresh, clean, and pure. As air enters the TRIO, it is filtered with a MERV 13 media air filter cartridge. This pleated 4-inch filter traps particles as small as .3 micron including mold, bacteria, dust, dander, and pollen. After the filter, the air passes through a UVC lamp. This treatment zone is powered by two high-efficiency 24-inch UVC lamps that reduce airborne germs, bacteria, viruses, mold, and fungi. The final phase uses patented PRO-Cell technology, our exclusive Photo-Reactive Oxidation process. When the patented titanium dioxide coated catalytic aluminum substrate is exposed to the UVC light, the PRO-Cell's extensive surface area transforms odors and VOCs into harmless, odorless water vapor and carbon dioxide.



Do you have concerns about airborne dust, pet dander, pollen, bacteria, flu viruses? Do you or a family member have allergies, asthma, or any respiratory ailment? Do you sometimes suffer from sinus infections, fatigue, or eye irritation while at home? Do cooking odors seem to linger for excessive periods of time? Does your home ever smell stale or musty? If you answered yes to any of these questions, the TRIO 3-in-1 air purification system is your best solution for 24/7 air filtering and purification. Get the best indoor air quality today.

HIGHLIGHTS

- **Air Filter:** MERV 13 media air filter cartridge traps particles as small as 0.3 micron including mold, bacteria, dust, dander, and pollen
- **UVC Lamps:** Two high-efficiency 22-inch UVC lamps that reduce airborne particles
- **Pro-Cell™ Technology:** Transforms odors and VOCs into harmless, odorless water vapor and carbon dioxide

SPECIFICATIONS

Model	Sizing (Tons)	Lamp Wattage	Dimensions	MERV 13 Nano-Carbon Filtration	Bacterial Germicidal Reduction	Reduction Toxic Gasses (VOCs)	Pressure Drop (In WC)
TRIO-16	1.5 – 3.0	30	16 x 25	Yes	Yes	Yes	0.125 @ 800 CFM 0.25 @ 1200 CFM
TRIO-20	1.5 – 4.0	30	20 x 25	Yes	Yes	Yes	0.18 @ 1200 CFM 0.30 @ 1600 CFM

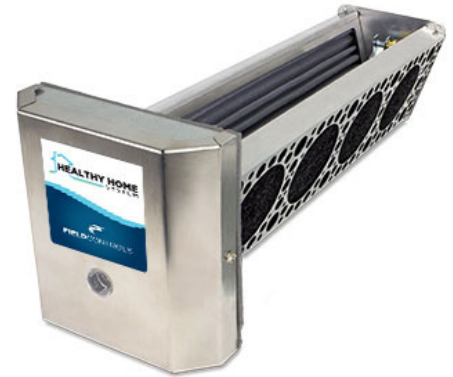
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DUO AIR PURIFIERS

[Click for more info on Purification](#)

DUO 2000 WHOLE HOUSE AIR PURIFICATION SYSTEM

The DUO-2000 whole house air purification system is a high intensity induct air purifier system and a proven IAQ solution. The DUO-2000 is ozone free. The DUO Air Sanitizers and Odor Reducers combines PRO-CELL and AirFresh technologies for optimal and complete whole house air purification. DUO whole house air purification system induct air sanitizer reduce airborne pathogens, deconstructing volatile organic compounds, and reduces odors. Powerful UVC light reduces airborne bacteria, viruses, mold and fungi. It works like an air sanitizer reducing 93.6% of airborne germs in 2 hours and neutralizing 88% odors and VOCs in 2 hours.



HIGHLIGHTS

- Reduction of SARS-CoV-2 Virus: 99.99% reduction in just 30 minutes
- AirFresh™ Carbon Odor Absorption: Traps VOCs and reduces odors
- UVC Lamp: One high-efficiency 17.5 inch UVC lamp that reduces airborne particles
- Pro-Cell™ Technology: Transforms odors and VOCs into harmless, odorless water vapor and carbon dioxide

SPECIFICATIONS

- Sizing: 1.5 to 5.0 tons
- Voltage: 24 V
- Lamp Intensity: 62 $\mu\text{W}/\text{cm}^2$ @ 1m, 7,874 $\mu\text{W}/\text{cm}^2$ @ 1 in

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DUO AIR PURIFIERS

[Click for more info on Purification](#)

DUO 16/120V WHOLE HOUSE PCO AIR PURIFIER

Duo-16/120V is our most popular whole house air purifier system. Like all Duo air purifiers, the Duo-16/120V is a proven IAQ solution that is ozone free, have 6 patents, are compact and easy to install. This induct air purifiers combines PRO-Cell and AirFresh technologies for optimal whole house air purification by reducing airborne pathogens, deconstructing volatile organic compounds, and reducing odors and VOCs in any home. Powerful UVC light reduces airborne bacteria, viruses, mold and fungi. Duo induct air purifiers work like an air sanitizer reducing 93.6% of airborne germs in 2 hours and neutralizing 88% odors and VOCs in 2 hours.



HIGHLIGHTS

- **AirFresh™ Carbon Odor Absorption:** Traps VOCs and reduces odors
- **UVC Lamp:** One high-efficiency 16 inch UVC lamp that reduces airborne particles
- **Pro-Cell™ Technology:** Transforms odors and VOCs into harmless, odorless water vapor and carbon dioxide

SPECIFICATIONS

- **Sizing:** 1.5 to 5.0 tons
- **Voltage:** 120 V
- **Biological Reduction:** 99%
- **Toxic Gas Reduction (VOCs):** 99.3%
- **Pressure Drop:** 0.02 WC
- **Lamp Intensity:** 62 $\mu\text{W}/\text{cm}^2$ @ 1m, 7,874 $\mu\text{W}/\text{cm}^2$ @ 1in, 21,948 $\mu\text{W}/\text{cm}^2$ @ 0in

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INDUCT AIR PURIFIERS

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UV-16/120V INDUCT AIR PURIFIER

The UV-16/120 induct UV air purifier unit is designed to emit powerful UVC band light rays. This reduces airborne viruses and microorganisms as they pass through a heating or air conditioning system. It is installed in the main supply or return duct and operates continuously to automatically purify the air in the home 24 hours a day. The UV-16 / 120 UV plugs into any 120-volt electrical outlet.

HIGHLIGHTS

- **Convenient:** Easy lamp replacement
- **Mounting:** Ballast mounted in the power head; eliminates need for mounting and wiring.
- **Simple Installation:** Installs easily and plugs into a standard 120V outlet
- **UVC Lamps:** One high-efficiency 16 inch UVC lamp that reduces airborne particles

SPECIFICATIONS

- **Sizing:** 1.5 to 5.0 tons
- **Voltage:** 120 V
- **Minimum Duct Width:** 16 in
- **Lamp Intensity:** 62 $\mu\text{W}/\text{cm}^2$ @ 1m, 7,874 $\mu\text{W}/\text{cm}^2$ @ 1in, 21,948 $\mu\text{W}/\text{cm}^2$ @ 0in

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INDUCT AIR PURIFIERS

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UV-16/24V INDUCT AIR PURIFIER FOR HOME

The UV-Aire UV-16 / 24V unit is a commercial induct air purifier for the home is designed to emit powerful UVC band light rays to reduce airborne microorganisms as they pass through a heating or air conditioning system. It is installed in the main supply or return duct and operates continuously to automatically purify the air in the home 24 hours a day.

HIGHLIGHTS

- **Convenient:** Easy lamp replacement
- **Mounting:** Ballast mounted in the power head; eliminates need for mounting and wiring of the ballast to the UV bulb
- **Simple Installation:** Installs easily
- **UVC Lamps:** One high-efficiency 16 inch UVC lamp that reduces airborne particles

SPECIFICATIONS

- **Sizing:** 1.5 to 5.0 tons
- **Voltage:** 24 V
- **Minimum Duct Width:** 16 in
- **Lamp Intensity:** 62 $\mu\text{W}/\text{cm}^2$ @ 1m, 7,874 $\mu\text{W}/\text{cm}^2$ @ 1in, 21,948 $\mu\text{W}/\text{cm}^2$ @ 0in

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UV UNITS

[Click for more info on UV Units](#)

UV-12FM AND UV-14.5FM FLEXMOUNTUV COIL AND AIR CLEANER

Breathe pure air while reducing AC maintenance costs and increasing AC efficiency. FlexMountUV single UV lamp UV coil and air cleaners take up half the space of traditional UV units, yet FlexMountUV delivers powerful UV light that reduces bacteria, mold and spores. Not only does FlexMountUV induct uv coil and air cleaner make indoor air pure, single UVC lamp FlexMountUV air purification systems help keep the AC A-coil clean of mold and organic material so the HVAC equipment runs more efficiently, reducing AC running and maintenance costs. The FlexMountUV AC coil cleaners will irradiate UVC ultraviolet light onto the AC-Coil maintaining a clean environment significantly reducing toxic organics and bioaerosols in the home. The cooling system will operate more efficiently and save money by avoiding unwanted maintenance costs.


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HIGHLIGHTS

- **Mounting:** Patented 180° articulating arm
- **Easy Installation:** Installs fast with mounting magnet or snap-off mounting plate option
- **UVC Lamp:** One high-efficiency lamp

SPECIFICATIONS

Model	Sizing (Tons)	Voltage	Lamp Length (Inches)	Lamp Wattage	Lamp Intensity			Lamp Configuration	Transformer Required
					$\mu\text{W}/\text{cm}^2@1\text{m}$	$\mu\text{W}/\text{cm}^2@1\text{in}$	$\mu\text{W}/\text{cm}^2@0\text{in}$		
UV-12FM	1.5 – 5.0	24	11.9	15	37	4,699	13,098	Single Lamp	20VA
UV-14.5FM	1.5 – 5.0	24	14.1	17	54	8,255	23,010	Single Lamp	20VA

UV UNITS

[Click for more info on UV Units](#)

UV-13FM AND UV-17FM FLEXMOUNTUV TWIN LAMP AC COIL CLEANER & AIR PURIFIER

Breathe pure air while reducing AC maintenance costs and increasing AC efficiency. FlexMountUV AC coil cleaner and air purifier take up half the space of traditional UV units, yet they deliver powerful UV light that irradiates bacteria, mold and spores. Not only do they make indoor air pure, FlexMountUV AC coil cleaner systems help keep the AC A-coil clean of mold and organic material so it runs more efficiently, reducing AC running and maintenance costs. Four models to fit any need. The UV lamp is working when the blue tube lights up.



HIGHLIGHTS

- **Mounting:** Patented 180° articulating arm
- **Easy Installation:** Installs fast with mounting magnet or snap-off mounting plate option
- **UVC Lamp:** Two high-efficiency lamps

SPECIFICATIONS

Model	Sizing (Tons)	Voltage	Lamp Length (Inches)	Lamp Wattage	Lamp Intensity			Lamp Configuration	Transformer Required
					$\mu\text{W}/\text{cm}^2@1\text{m}$	$\mu\text{W}/\text{cm}^2@1\text{in}$	$\mu\text{W}/\text{cm}^2@0\text{in}$		
UV-13FM BUY NOW	1.5 – 5.0	24	12.6	24	65	6,858	19,116	Twin Lamp	40VA
UV-17FM BUY NOW	1.5 – 5.0	24	16.3	36	110	13,970	38,940	Twin Lamp	50VA

VENTILATION

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FRESH AIR VENTILATION SYSTEMS (FAV)

Our Fresh Air Ventilation System (FAV) features a Fresh Air Damper (FAD) that works automatically with the Fresh Air Ventilation Control (FAVC) to efficiently and effectively distribute air throughout the house.

The FAVC utilizes the central fan to supply outdoor air from a known source through a controlled duct for fresh air intake, while the Fresh Air Damper prevents infiltration during off periods. When there is a call for fresh air intake, the control opens the damper allowing fresh air to enter the HVAC return. When the control is satisfied, the damper is closed.

The damper uses a quiet, neoprene no-leak seal so unwanted air and humidity are controlled. The seal is tested 500,000+ cycles and meets flammability FMVSS-302 requirements. Power Open, Power Close The power open/power close damper means the motor uses very little power unlike competitive dampers that use a spring close/ power open motor which stay fully powered during the open cycle and waste energy. Most reliable damper on the market rated over 100,000 cycles.

Our FAV Systems are a type of Central Fan Integrated (CFI) Ventilation. CFI Ventilation is better than Exhaust Ventilation like a bathroom fan and more economical than a Balanced Ventilation system like an HRV or ERV system. The Exhaust Ventilations systems are easy to install, have low energy use, but they draw in air from uncontrolled sources and can create negative pressure. HRVs or ERVs capture a nominal amount of energy in the exhaust air, which helps on energy cost, but they are expensive to install and maintain.

Plus, CFI systems are more effective than a bath fan. Bath fans can quickly create negative pressure in the bathroom and ultimately become ineffective, not exhausting the air. The replacement air with a bath fan typically enters from poor air quality sources such as the garage, attic, or basement where automobile fumes, radon gas, and other household chemicals may enter.

Meets or exceeds ventilation standard ASHRAE 62.2.


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HIGHLIGHTS

- **Motorized:** 24 VAC power-open, power-close air damper
- **Control:** Typically controlled by the FAVC Ventilation Control to meet ASHRAE 62.2 and other fresh air ventilation codes
- **Materials:** Stainless steel with tear-resistant closed-cell foam rubber seal

SPECIFICATIONS

Model	Voltage	Amps	Watts	Pipe Size	Length	Height	Clearance	Exposed Pipe
				A	B	C	D	E
FAV-4	24	0.07	3	4	6 1/16	8 7/8	15/16	4 13/16
FAV-5	24	0.07	3	5	6 1/16	9 7/8	15/16	4 13/16
FAV-6	24	0.07	3	6	6 1/2	10 7/8	1 3/16	5 1/4
FAV-7	24	0.07	3	7	7 1/16	11 7/8	1 7/16	5 13/16
FAV-8	24	0.07	3	8	8 1/16	12 7/8	1 15/16	6 13/16
FAV-10	24	0.07	3	10	12 1/8	14 7/8	4	10 7/8
FAV-12	24	0.07	3	12	12 1/8	16 7/8	4	10 7/8

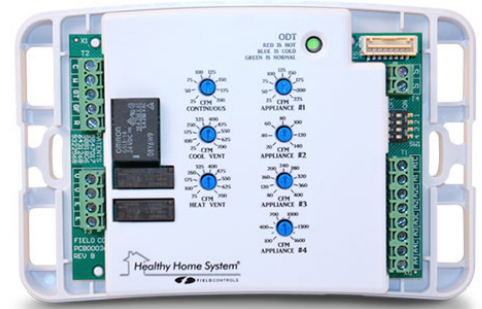
VENTILATION

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FRESH AIR VENTILATION CONTROL (FAVC)

The Fresh Air Ventilation Control (FAVC) effectively manages the central fan to deliver required ventilation. The control monitors enthalpy conditions and can interface with multiple additional exhaust fans to adjust and deliver ventilation intelligently. It can even respond to the clothes dryer, kitchen exhaust fan, or fireplace.

FAVC is designed to meet the requirements of ASHRAE 62.2 2016 standard for ventilation. By delivering fresh air ventilation all year long while conserving energy and providing homeowners comfort. The FAVC monitors indoor relative humidity and outside temperature and uses the fresh air duct to regulate humidity in the winter months and to prevent humid conditions in summer months. In addition to preventing mold, the FAVC will prevent condensation and corrosion of the heat exchanger.



FEATURES

- Meets the requirements of the ASHRAE 62.2 standard for ventilation
- Supplied with an outdoor temperature sensor which mounts in the fresh air duct
- Has three selectable Climate Zones with unique ventilation inhibit parameters for the selected climate
- Monitors up to four exhaust appliances within your home to adjust ventilation needs based on total appliance operation
- Can provide Make-Up air in response to an exhausting appliance
- Can utilize an exhaust fan to drive ventilation independent of the central HVAC fan to save energy
- Continuously monitors indoor Relative Humidity:
 - Lower excess indoor humidity during hot, muggy days by reducing ventilation during these periods to prevent discomfort and mold growth in the home
 - Reduce condensation and corrosion of the heat exchanger

HIGHLIGHTS

- **CFM Continuous Dial:** Controls the continuous ventilation rate and is factory pre-set at 50 CFM
- **Outdoor Temperature Light:** Indicates whether outside air temperature meets ventilation requirements
- **Indoor Monitoring:** Monitors indoors temperature and humidity to continuously sense actual return air duct conditions
- **30 Minute Cycle:** Introduces fresh air more frequently and regularly, which means the air is more evenly balanced
- **Monitoring Capability:** Monitor up to four appliances

SPECIFICATIONS

- **Dimensions:** 4.33in H x 6.6in W x 2.6in D
- **Voltage:** 24 V
- **Amps:** 0.07

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VENTILATION

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FRESH COMMAND MULTIFAMILY VENTILATION CONTROL

The Fresh Command Multifamily Control (FCMC) is designed to meet ASHRAE 62.2 ventilation requirements and also energy codes. With its innovative features and user-friendly design, this control unit ensures optimal ventilation and occupant comfort, all while reducing callbacks for comfort issues.



FEATURES

- **Easy wiring and installation:** The FCMC ventilation control is designed for easy wiring, making installation a breeze; simplified wiring instructions and compatibility with existing ventilation systems streamline the setup process, allowing for a hassle-free integration into your multifamily building
- **Simple Adjustment:** With just one dial, the FCMC allows for easy adjustment of intermittent or constant ventilation settings; this intuitive control interface simplifies the installation and setup process, saving you time and effort
- **Energy Efficiency:** Designed with energy efficiency in mind, the Fresh Command Multifamily Ventilation Control ensures that ventilation is optimized while minimizing unnecessary energy consumption; by providing the right amount of ventilation, it helps maintain a comfortable indoor environment while reducing energy costs
- **Compliance with Building and Energy Codes:** Stay up-to-date with the latest regulations and codes; the FCMC control is designed to conform to the most recent building and energy codes, ensuring that your multifamily building meets the necessary requirements
- **Dependable Performance:** Built with quality and reliability in mind, the Fresh Command Ventilation Control offers dependable performance, while reducing the risk of system malfunctions and ensuring consistent ventilation throughout the building

SPECIFICATIONS

- **Voltage:** 16 – 32 VAC
- **Full Load Power:** 1.28W / 27.4 VAC
- **Idle Power:** 27.0mW @ 27.4 VAC
- **Wiring Requirement:** 18.22 AWG, 24 VAC (min)
- **Operating Temperature Range:** 10° F to 160° F
- **Operating Humidity Range:** 5 to 95% RH (non-condensing)

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VENTILATION

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FRESH AIR VENTILATION DAMPER

The Fresh Air Damper (FAD) is a 24VAC power-open, power-close motorized air damper designed for installation in a fresh air ventilation duct connected to an outdoor air intake hood and a duct fan or the HVAC return plenum, to control the flow of fresh air into the home.

The fresh air damper is typically controlled by the FAVC Ventilation Control to meet ASHRAE 62.2 and other fresh air ventilation codes and standards, but may also be used in a stand-alone application for either passive or fan-induced fresh air for ventilation or makeup air applications. The FAD has very low power requirement and air flow resistance.

The body and gate are constructed of stainless steel. Features include a tear-resistant closed-cell foam rubber seal tested 500K+ cycles. Seal flammability meets FMVSS-302. Motor and circuit board certified 100K+ cycles.


[LEARN MORE](#)

HIGHLIGHTS

- **Motorized:** 24 VAC power-open, power-close air damper
- **Control:** Typically controlled by the FAVC Ventilation Control to meet ASHRAE 62.2 and other fresh air ventilation codes
- **Materials:** Stainless steel with tear-resistant closed-cell foam rubber seal

SPECIFICATIONS

Model	Duct or Pipe Diameter (inches)	Voltage	Amps	Watts	Dimensions		
					A	B	C
FAD-4	4	24	0.07	3	6	9 1/5	4
FAD-5	5	24	0.07	3	6	10 1/5	5
FAD-6	6	24	0.07	3	6	11 1/5	6
FAD-7	7	24	0.07	3	6 1/2	12 1/5	7
FAD-8	8	24	0.07	3	7	13 1/5	8
FAD-10	10	24	0.07	3	12 1/8	15 1/5	10
FAD-12	12	24	0.07	3	12 1/8	17 5/8	12
FAD-14	14	24	0.07	3	16	20	14
FAD-16	16	24	0.07	3	16	22	16
FAD-18	18	24	0.07	3	16	24	18
FAD-20	20	24	0.07	3	16	26	20

VENTILATION

[Click for more info on Ventilation](#)

FRESH COMMAND PASSIVE VENTILATION SYSTEM

The Fresh Command Passive Ventilation System (FCPV) is a cutting-edge in-line duct connected fan designed to deliver fresh outdoor air, meeting both indoor ventilation code requirements and occupant preferences. By managing mechanical fresh air ventilation, it significantly improves indoor air quality by diluting indoor air with fresh outdoor air of lower contaminant concentrations.



FEATURES

- **Fresh Air Management:** Automatically provides fresh air to each home
- **Control:** Typically controlled by the FCMC Multifamily Ventilation Control to meet ASHRAE 62.2 and other fresh air ventilation codes
- **Safe:** Eliminates contaminants that are inside the home
- **Performance:** Purifies the air in your home with fresh air from outdoors
- **Filter:** Includes MERV6 washable prefilter and a place to install an additional filter to eliminate particles entering the home

HIGHLIGHTS

- **Fresh Air Management:** Automatically provides fresh air to each unit
- **Motorized:** 24 VAC power-open, power-close air damper
- **Control:** Typically controlled by the FCMC Multifamily Ventilation Control to meet ASHRAE 62.2 and other fresh air ventilation codes
- **Materials:** Stainless steel with tear-resistant closed-cell foam rubber seal

SPECIFICATIONS

- **Power Supply:** 115 VAC, 60 Hz
- **Watts (max speed):** 85 W
- **Amps (max speed):** 0.90 A
- **Temperature Range:** -22° F to 140° F Ambient Outdoor Temperature
- **Control Voltage:** 24 VAC
- **Airflow Range:** 30 to 220 CFM @ 0.20 Static Pressure
- **Filtration:** MERV6, Washable, UL-900 Rated
- **Input Voltage:** 16 – 32 VAC
- **Full Load Power:** 1.28 W
- **Idle Power:** 270 mW
- **Wiring Requirements:** 18 – 22 AWG
- **Operating Temperature Range:** 10° F to 160° F
- **Operating Humidity Range:** 5 to 95% RH (non-condensing)

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VENTILATION

[Click for more info on Ventilation](#)

ENERGY RECOVERY VENTILATOR

The FC-150EC-ERV is Field Controls' latest innovation in ventilation, offering high airflow and efficiency in a slim, compact form. Designed for tight spaces and retrofit installations, this Energy Recovery Ventilator is perfect for residential and small commercial applications where space and performance matter.



HIGHLIGHTS

- **Slim Design:** Fits effortlessly between ceiling joists, ideal for tight spaces and retrofits
- **Powerful Performance:** Delivers 150 CFM of airflow for optimal air exchange
- **High-Efficiency:** With a 75% sensible recovery efficiency (SRE), it maximizes energy recovery, reducing heating and cooling costs
- **Year-Round Operation:** An automatic defrost mechanism keeps the system running smoothly even in cold climates
- **Quiet Operation:** Operates at just 66 db, providing ventilation without disrupting your environment
- **Advanced Filtration:** Captures airborne pollutants for healthier indoor air
- **Easy Installation and Maintenance:** Designed for quick and user-friendly setup and upkeep
- **Certified:** Field Controls ERV meets ventilation standard ASHRAE 62.2

SPECIFICATIONS

- **SRE:** 75%
- **Airflow @ 0.2 in w.c.:** Supply: 145 CFM, Exhaust: 130 CFM
- **Efficiency:** 1.1 CFM/W 0.2 in w.c. at max fan speed
- **Electrical:** 120 VAC, 60 Hz, 1.2 A, 157 W
- **Filters:** 2x Washable MERV 3 optional: MERV 8 & 13
- **Core:** Graphene Polymer Membrane
- **Motors:** 2x Permanently lubricated ECM motors

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DEHUMIDIFIERS

[Click for more info on Dehumidifiers](#)

WHOLE HOME DEHUMIDIFIER

Modern homes are more tightly built for energy efficiency, but the unfortunate side effect is that excess moisture can get trapped inside. While tighter homes help with energy bills since they keep warm or cold air out, it can lead to issues with the home and/or your health. When a home is tighter it may trap excess moisture since it is harder for the home to remove the humidity.

The excess humidity can also have a negative effect on the home such as wood damage, increased pest activity along with peeling paint and wallpaper.

Historically, most people have relied on their air conditioner (HVAC) for removing moisture in the air. In many cases, the AC is simply not enough to get the home to your desired humidity level. Therefore, you may need to add a whole house dehumidifier.

Excess humidity could lead to musty odors, mold, mildew, bacteria growth, and discomfort. Field Controls Whole Home Dehumidifiers (FC-DH) work by efficiently and automatically maintaining ideal humidity levels (30% – 50%), keeping your home more comfortable. Combining the efforts of the HVAC system and the Dehumidifier, these issues will start to go away.



HIGHLIGHTS

- **Performance:** Reliable, dynamic operation
- **Compact Design:** Perfect for basements and crawl spaces
- **Integrates with HVAC Systems:** Can be ducted into existing HVAC system
- **Corrosion Protection:** Durable aluminum coils
- **Energy Efficient:** Energy Star Certified (Models FC-85DH-2 and FC-120DH-2)
- **External Condensate Pump Compatibility:** Includes fail-safe protection to shut off the dehumidifier if the pump fails
- **Digital Display:** Precise setpoint and real-time monitoring
- **Optional Remote Control Kit:** Easy system management
- **Warranty:** 5 year, hassle-free

SPECIFICATIONS

Model	Airflow (CFM)	Refrigerant	Sound dBA	Rated Condensate Capacity (80° F, 60%)
FC-60DH-2 BUY NOW	155	R410A	59	60 ppd
FC-85DH-2 BUY NOW	185	R410A	59	85 ppd
FC-120DH-2 BUY NOW	300	R410A	60	120 ppd

AIR CLEANER

[Click for more info on Air Cleaners](#)

FC MEDIA AIR CLEANERS

Field Controls HeavySeal™ Media Air Cleaners provide a powerful yet low maintenance solution for whole house air filtration. Integrated into your existing HVAC system, these air cleaners efficiently capture airborne pollutants such as dust, pollen, pet dander, mold spores, and bacteria, delivering clean and fresh air throughout the home.



FEATURES

- **Effortless Maintenance:** Easy to replace media filters keep air filtration simple and hassle-free
- **High Efficiency Filtration:** MERV11 filter traps particles as small as 1.0 micron improving indoor air quality
- **Durable, Long-Lasting Construction:** Designed for years of reliable performance in residential and commercial HVAC systems
- **Seamless Integration:** Easily installs into most forced-air heating and cooling systems, meeting ANSI/ASHRAE 52.2 standards
- **Energy Savings with HeavySeal™ Technology:** Reduces leakage, enhances HVAC efficiency, and lowers energy costs

HIGHLIGHTS

- **Easy Installation:** Installs into ducted central heating and air conditioning systems
- **High Efficiency:** MERV11 filter traps particles as small as 1.0 micron including pollen, dust, mold, and dander
- **Certified:** Meets ANSI/ASHRAE 52.2 standards

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FLEX REPLACEMENT MEDIA FILTERS

[Click for more info on Flex Filters](#)

Field Controls patent FlexFilters® are ultra compact, easy-to-assemble media air filters designed to replace over 40 of the most popular models. With a selection of seven high-efficiency MERV 11 and MERV 13 options, stocking, storing, shipping, and installing media air filters has never been simpler.

FLEXFILTER® REPLACEMENT GUIDE					
BRAND	FILTER MODEL	SIZE (INCHES)	FITS AIR CLEANER MODEL	REPLACEMENT FLEX MODEL	PART #
FIELD CONTROLS®	FCRM11-2020	20 x 20 x 5	FC11-2020	FLEX-1 M11 FLEX-1 M13	46600407 602612201
	FCRM11-1625	16 x 25 x 5	FC8-1625 / FC11-1625		
	FCRM11-2025	20 x 25 x 5	FC8-2025 / FC11-2025 FCRA11-2025	FLEX-2 M11 FLEX-2 M13	46600401 602612202
SKUTTLE®	000-0448-007 (003)	20 x 20 x 5	DB-20-20	FLEX-1 M11 FLEX-1 M13	46600407 602612201
	000-0448-008 (004)	16 x 20 x 5	DB-20-16		
	000-0448-005 (001)	16 x 25 x 5	DB-25-16	FLEX-2 M11 FLEX-2 M13	46600401 602612202
TRION®	255649-103 / 259112-113	20 x 20 x 5	455602-225 / 455602-725	FLEX-1 M11 FLEX-1 M13	46600407 602612201
	259112-104 / 266649-104	16 x 20 x 5	455602-327, 337, 347, 325, 335, 345		
	255649-105 / 259112-105	16 x 25 x 5	455602-125 / 455602-625		
ULTRAVATION®	255649-102 / 259112-102	20 x 25 x 5	455602-025 / 455602-525 266380-010 / 266380-510 447380-010 / 477380-510	FLEX-2 M11 FLEX-2 M13	46600401 602612202
	91-013 / 91-028	20 x 20 x 5	90-116	FLEX-1 M11 FLEX-1 M13	46600407 602612201
	91-012 / 91-027	16 x 20 x 5	90-115		
GENERALAIRE®	5FM2020 (4531) 6FM2020 (4556)	20 x 20 x 5	MAC2020 / MAC2020M MAC1400, 2400G, 2400P	FLEX-1 M11 FLEX-1 M13	46600407 602612201
	5FM1625 (4511) 6FM1625 (4541)	16 x 25 x 5	MAC1400 / MAC1400M		
	5FM2025 (4501) 6FM1625 (4541)	20 x 25 x 5	MAC2000 / MAC2000M MAC-L	FLEX-2 M11 FLEX-2 M13	46600401 602612202
GENERALAIRE®	11GA100A03 (4350)	16 x 20 x 4	HW F100F2028 HW F200E1003	FLEX-3 M11 FLEX-3 M13	46600406 602612203
LENNOX®	X0585 / HCF14-11	20 x 20 x 5	X7930 / HCC13-23 HCF14-11 / HCC14-23 / HC16	FLEX-3 M11 FLEX-3 M13	46600406 602612203
	X6670 / HCF16-10	16 x 25 x 5	Y2920 / Y2921 / HCC16-28 HCXF16-16 / HCF16-16 / HCF16-11		
	X6673 / HCF20-11	20 x 25 x 5	X6661 / HCC20-28 / HC10 HC16 / HC20	FLEX-4 M11 FLEX-4 M13	46600405 602612204
HONEYWELL®	POPUP1620	16 x 20 x 4	F100F2028 / F200E1003		
	FC100A1003	16 x 20 x 4	F100F2028		
	FC200E1003	16 x 20 x 4	F200E1003		
	POPUP2020	20 x 20 x 4	F100F2036 / F200E1029		
	FC100A1011	20 x 20 x 4	F100F2036		
	FC200E1011	20 x 20 x 4	F200E1029		
	POPUP1625	16 x 25 x 4	F100F2002 / F200E1011		
	FC100A1029	16 x 25 x 4	F100F2002		
	FC200E1029	16 x 25 x 4	F200E1011		
	POPUP2025	20 x 25 x 4	F100F2010 / F200E1037		
CARRIER® BRYANT®	FC100A1037	20 x 25 x 4	F100F2010		
	FC200E1037	20 x 25 x 4	F200E1037		
	EXPXXFIL0016	16 x 25 x 4	EZXCAB1016		
DAIKIN® GOODMAN®	EXPXXFIL0316	20 x 25 x 4	EZXCAB1020		
	EXPXXFIL0020	20 x 25 x 4			
	EXPXXFIL0320	20 x 25 x 4			
APRILAIRE®	AMP-11-1625-45	16 x 25 x 4	Daikin AM11-1625-FB	FLEX-4 M11 FLEX-4 M13	46600405 602612204
	201	20 x 25 x 4	2200, 2120		
	210	20 x 25 x 4	1210, 2210, 3210, 4200, 1213, 2120 + 1213, 1620	FLEX-5 M11 FLEX-5 M13	46600402 602612205
	213	20 x 25 x 4			
	310	19 x 20 x 4	1310, 2310, 3310, 4300	FLEX-6.5 M11 FLEX-6.5 M13	46600409 602612216
	313	19 x 20 x 4			
	401	16 x 28 x 4	2400, 2140	FLEX-7 M11	46600404
	410	16 x 28 x 4	1410, 2410, 3410, 4400, 1413, 2140 + 1413, 1610	FLEX-7.5 MERV 11 FLEX-7.5 MERV 13	46600410 602612217
	413	16 x 28 x 4			



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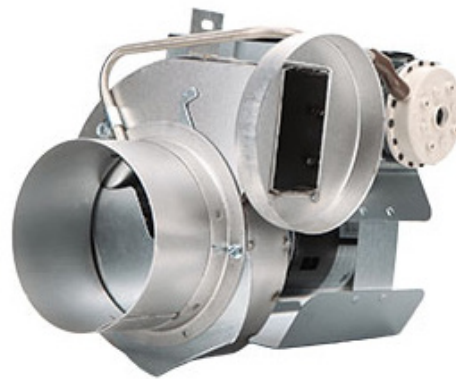
COMBUSTION POWER VENTERS

[Click for more info on Power Venters](#)

PVG POWER VENTER FOR GAS APPLIANCES

The PVG Power Venter is used for side wall venting of a single 24 VAC controlled furnace, boiler, or water heater which burns natural or LP gas. The PVG may also be used to vent a single 24 VAC controlled gas fired furnace or boiler and a 30 millivolt residential gas fired water heater.

The indoor mounted PVG Power Venters provide a safe, efficient, and economical power venting system for gas heating appliances. All controls are built into these units. A Vent Hood is required to terminate the vent system.



HIGHLIGHTS

- **Safe:** 100% negative pressure in the vent pipe for maximum safety
- **Less Costly:** Standard galvanized pipe can be used instead of expensive stainless steel
- **Saves Time:** No need to seal vent pipe joints, saving time and money

SPECIFICATIONS

Model	Dimensions (inches)				Voltage	Hz	Amps	Watts	RPM	Thermal Protection
	Height	Width	Depth	Inlet/Outlet						
PVG-PK-100 BUY NOW	7 1/2	7 3/4	7	4	115	60	2.1	145	3000	Yes
PVG-300 BUY NOW	7 1/2	9 1/4	7	4	115	60	2.1	145	3000	Yes
PVG-600 BUY NOW	8 3/4	9 3/4	8 1/2	5	115	60	1.5	167	3000	Yes

COMBUSTION POWER VENTERS

[Click for more info on SWG Power Venters](#)

SWG POWER VENTER FOR OIL OR GAS APPLIANCES

The SWG power venter for gas and oil heating appliances combines the motor, blower, and vent hood in one complete, easy to install unit. The SWG power venter mounts on the outside of the building and pulls the combustion gases from the appliance through the outside wall utilizing 100% negative pressure. The SWG must be sized to match the appliance or appliances' input firing rate. Most firing rates are published in the manufacturer's installation manual. The SWG and ComboVent must be installed with a CK Control Kit to ensure proper listing and safe, efficient venting.



HIGHLIGHTS

- **Safe:** 100% negative pressure in the vent pipe for maximum safety
- **Less Costly:** Standard galvanized pipe can be used instead of expensive stainless steel
- **Saves Time:** No need to seal vent pipe joints, saving time and money
- **Longer Vent Lengths:** Significantly longer vents than positive pressure, direct vent systems
- **Recommended:** The SWG power venter or ComboVent is recommended by major heating appliance manufacturers

SPECIFICATIONS

Model	Dimensions (inches)						Voltage	Hz	Amps	Watts	RPM	Thermal Protection
	A	B	C	D	F	E						
SWG-4HD	4	6	11.75	9.5	9	9	115	60	1.7	138	3000	Yes

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TADIRAN AIROW 3™

[Click for more info on the Tadiran Airow 3™](#)

TADIRAN AIROW 3™ HYDROGEN PEROXIDE AIR CLEANER

Tadiran Airow 3™ is a hydrogen peroxide-based air cleaning device for wall-mounted air conditioners. It is a zero-maintenance solution, effective against pathogens, and has low electricity usage. It is a unique add-on device for ductless mini-split air conditioners, can fit fan coils, ceiling cassettes and VRF ductless split systems.

Tadiran Airow 3™ uses a discharge current to break apart O₂ (Oxygen) molecules into two separate atoms. The free oxygen atoms combined with water (H₂O) molecules in the airflow, transform into purifying Hydrogen Peroxide (H₂O₂). The Hydrogen Peroxide is then distributed through the indoor air conditioning unit traveling into the conditioned space thus eliminating aerosol pathogens.



BENEFITS

- Reduction of bacteria, mold, viruses, and other airborne pathogens
- Improved indoor air quality
- Plug-and-play installation and zero maintenance
- Ozone-free (less than 5 ppb), no release of VOCs and ions; meets OSHA's guidelines
- Low electricity usage

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AIROW 3™ BRACKET

The Tadiran Airow 3™ Air Cleaner Mounting Bracket helps with mounting the Airow to Ceiling Cassettes & Ducted Systems.

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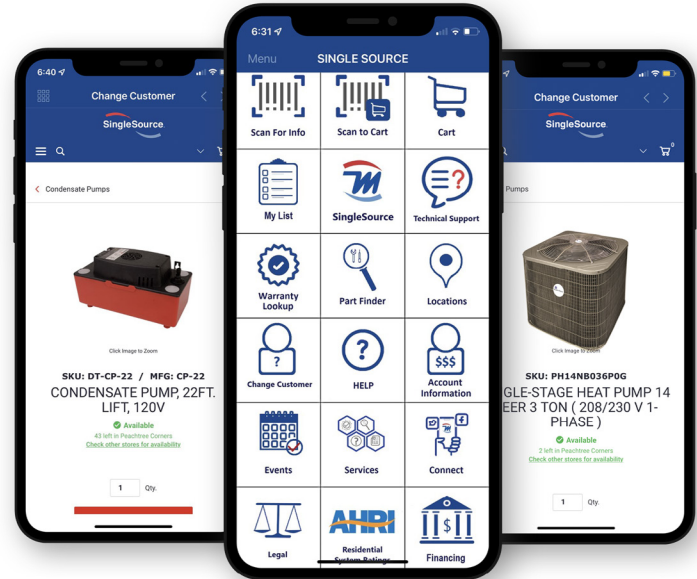
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41 LOCATIONS THROUGHOUT THE SOUTHEAST TO SERVE YOU

Pricing, availability and product information available 24/7 at singlesource.mingledorffs.com.

Location	Phone	Address
Albany	(229) 432-5254	205 Baldwin Dr. Albany, GA 31707
Anniston	(256) 241-3026	105 E. D St. Anniston, AL 36201
Athens	(706) 548-4019	105 Whitetail Way Bogart, GA 30622
Atlanta	(404) 875-7755	1290 Tacoma Dr. Atlanta, GA 30318
Auburn	(334) 734-8011	2295 1st Ave. Opelika, AL 36801
Augusta	(706) 651-1950	3618 Wrightsboro Rd. Augusta, GA 30909
Birmingham	(205) 250-7714	516A 31st St. N Birmingham, AL 35203
Braselton – MEC	(770) 967-3263	5456 Dalton Ct. Braselton, GA 30517
Brunswick	(912) 265-5193	275 Rose Dr. Brunswick, GA 31520
Columbus	(706) 322-3870	6201 West Hamilton Park Dr. Columbus, GA 31909
Conyers	(770) 918-9132	335 Gee's Mill Business Pkwy. Conyers, GA 30013
Cumming – MEC	(770) 781-5533	2570 Business Dr. Cumming, GA 30040
Dothan	(334) 836-1035	205 Wedgewood Dr. Dothan, AL 36303
Forest Park	(404) 361-2474	5158 Kennedy Rd. Suite B&C Forest Park, GA 30297
Fort Walton	(850) 244-2017	76 Beal Pkwy. SW Ft. Walton Beach, FL 32548
Gainesville	(770) 297-9335	2472 Hilton Dr. Gainesville, GA 30501
Gulf Shores	(251) 968-2660	820 Commerce Dr. Gulf Shores, AL 36542
Hardeeville	(843) 867-2143	132 Red Oaks Way Ridgeland, SC 29936
Hattiesburg	(601) 579-9670	1851 Lincoln Rd. Hattiesburg, MS 39402
Hilton Head	(843) 689-3404	21-A Hunter Rd. Hilton Head, SC 29926
Huntsville	(256) 859-2691	391 Nick Fitchheard Rd. Huntsville, AL 35806
Lawrenceville	(678) 442-1060	2111 Cedar Rd. Bldg. A Lawrenceville, GA 30043

Location	Phone	Address
Lawrenceville – MEC	(770) 963-6226	111-B Tanner St. Lawrenceville, GA 30046
Lithia Springs	(770) 948-3451	320 Thorton Rd. #106 Lithia Springs, GA 30122
Loxley	(251) 964-2707	30020 County Rd. 49 Loxley, AL 36551
Macon	(478) 474-8544	5527 Thomaston Rd. Macon, GA 31220
Marietta	(770) 426-0551	1060-D Triad Ct. Marietta, GA 30062
Marietta – MEC	(678) 354-1174	1050 Industrial Park Dr. Suite A Marietta, GA 30062
Mobile	(251) 476-6285	5522 W Commerce Blvd. Mobile, AL 36619
Montgomery	(334) 262-4855	861 Plantation Way, Bldg A Montgomery, AL 36117
Muscle Shoals	(256) 383-6904	107 Commerce St. Muscle Shoals, AL 35661
Newnan	(770) 239-2105	70 Enterprise Ct. Newnan, GA 30265
Ocean Springs	(228) 497-5090	5717 Suntech Dr. Sunplex Ind. Park Ocean Springs, MS 39564
Panama City	(850) 913-0585	800 W 13th St. Panama City, FL 32401
Peachtree Corners	(770) 239-2100	6675 Jones Mill Ct. Peachtree Corners, GA 30092
Pensacola	(850) 438-1005	4405 North Palafox St. Pensacola, FL 32505
Savannah	(912) 232-1228	103 Central Junction Blvd. Savannah, GA 31405
Statesboro	(912) 764-8841	251 West Parrish St. Statesboro, GA 30458
Tuscaloosa	(205) 632-7176	5030 Old Montgomery Hwy Tuscaloosa, AL 35405
Valdosta	(229) 245-8200	363 Connell Rd. Valdosta, GA 31602
Warner Robins	(478) 953-3727	110 Byrd Way Warner Robins, GA 31088

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