About TRION®
Since 1947, TRION has provided quality products for the residential market, engineered specifically to provide a clean, safe, and comfortable indoor air environment.

Dependable performance, superior product quality, and excellent customer service are essential to TRION's long-term success. TRION has developed a level of technical expertise that allows us to create innovative products and cost-effective solutions to serve our customers' air cleaning problems worldwide.

TRION Air Purification Systems
TRION offers a complete line of residential filtration systems for your applications, including media and electronic air cleaners, humidifiers, dehumidifiers, dampers, and filters. Our air purification systems:

- Clean the air
- Create a healthier home
- Reduce HVAC costs
- Reduce maintenance on HVAC systems
- Protect furnishings, floors, and more

Units in this brochure have not been approved for commercial use.
Air Bear® Supreme
Media Air Cleaners
- Efficiency rating of MERV 8, 11, or 13
- Tested using ANSI/ASHRAE 52.2 - 2007 standard procedures
- Non-woven, 5-inch thick, pleated Air Bear® media filter traps particles as small as one micron, allowing air to flow freely through the system
- Available in a wide variety of sizes with rated airflow up to 2,000 CFM
- Quick and easy installation; mounts directly to heating and cooling systems
- Effectively removes mold spores, pollen, and other airborne contaminants
- Suitable for use with all types of forced-air HVAC configurations
- Rugged cabinet construction for long life

Air Bear® Right Angle
Media Air Cleaner
- Efficiency rating of MERV 8, 11, or 13
- Tested using ANSI/ASHRAE 52.2 - 2007 standard procedures
- Non-woven, 5-inch thick, pleated Air Bear® media filter traps particles as small as one micron, allowing air to flow freely through the system
- Rated airflow up to 2,000 CFM
- Quick and easy installation; mounts directly to heating and cooling systems
- Designed for installations that require a 90° duct adapter
- Space-saving design is ideal for basement applications
- Effectively removes mold spores, pollen, and other airborne contaminants
- Suitable for use with all types of forced-air HVAC configurations
- Rugged cabinet construction for long life

Air Bear® Cub
Media Air Cleaner
- Efficiency rating of MERV 8, 11, or 13
- Tested using ANSI/ASHRAE 52.2 - 2007 standard procedures
- Non-woven, 3-inch thick, pleated Air Bear® media filter traps particles as small as one micron, allowing air to flow freely through the system
- Rated airflow up to 1,200 CFM
- Quick and easy installation; mounts directly to heating and cooling systems
- Narrow profile fits in tight spaces
- Effectively removes mold spores, pollen, and other airborne contaminants
- Suitable for use with all types of forced-air HVAC configurations
- Rugged cabinet construction for long life

Air Bear® Accu-Fit
Media Air Cleaners
- Efficiency rating of MERV 8
- Tested using ANSI/ASHRAE 52.2 - 2007 standard procedures
- Non-woven, 5-inch thick, pleated Air Bear® media filter traps particles as small as one micron, allowing air to flow freely through the system
- Available in a wide variety of sizes with rated airflow up to 2,000 CFM
- Specifically sized for Honeywell® and Rheem® air handlers and gas furnaces
- Quick and easy installation; mounts directly to heating and cooling systems
- Effectively removes mold spores, pollen, and other airborne contaminants
- Suitable for use with all types of forced-air HVAC configurations
- Rugged cabinet construction for long life

Voted Best Buy
by Consumers Digest | 2010, 2012, 2017
Air Bear® Media Air Filters

- Mechanical MERV 8 filter maintains efficiency under all operating conditions
- High performance MERV 11 and MERV 13 filters, electrostatically-charged synthetic material, provide superior efficiency with minimal added pressure drop
- Available in a wide variety of sizes
- Fits models from Generalaire®, Skuttle®, Ultravation®, and other popular brands
- Factory installed, double gasket, top and bottom, eliminates filter bypass
- Galvanized rust-resistant wire mesh, integral width filter media, supports media and retains pleat shape even when dirty
- UL900 listed

HE Plus
Electronic Air Cleaners

- The strongest, most reliable power supply and the sturdiest cell in the industry
- Forever Filter® never needs replacing, just clean and reuse
- Tested using ANSI/ASHRAE 52.2 - 1992 standard procedures
- Minimum pressure drop is less than 0.02 wg at rated airflow
- Rated airflow up to 2,000 CFM
- Connects directly to all types of heating and cooling systems
- Permanent, washable aluminum collection cells deliver longer service life and clean easily
- Electronic airflow sensor automatically senses air movement within the duct, resulting in reduced power usage
- Built-in internal fuse protects the 24V transformer in the event of a power supply failure
- All units are uL/C-uL Listed and are easily converted to 240V

ComfortBreeze™ UV360-1
UV-C Lamp

- Enables noticeably cleaner air by attacking mold, reducing allergens, and eliminating A/C odor
- Combats dangerous bio build-up occurring inside the air handler and coils
- Lowers A/C cost by removing bio-film on the coils, making them more efficient
- Per ASHRAE, destroys fungus and mold, and is now elevated to a mutually beneficial serviceable item (UV bulb) on A/C units
- Connects to a 24V or 120VAC for lowest cost installation
- Packaged with complete install kit
- Completely automatic; replace one standard, low cost UV bulb annually
**Product Guide**

**Humidifiers**

**ComfortBreeze™ CB300/CB300S**
By-Pass Evaporative Humidifier

- Highest peak capacity delivers up to 18 gallons per day at 140°F
- Patented H2OSmart™ Technology option provides maximum performance, water savings, and fault annunciation through self-adjusting controls
- Consumes less than 100 watts of electricity, and H2OSmart technology translates into greater than 85% water savings versus conventional competing units
- Push-to-lock fittings provide quick and easy installation and worry-free operation
- The CB300S provides LED indication of fault codes and when evaporative pad replacement is necessary
- The CB300S can be installed so a "call-for-heat" is not required for unit to deliver humidification

**ComfortBreeze™ CB100/CB100S**
Fan Powered Evaporative Humidifier

- Highest peak capacity delivers up to 18 gallons per day at 140°F
- Patented H2OSmart™ Technology option provides maximum performance, water savings, and fault annunciation through self-adjusting controls
- Consumes less than 10 watts of electricity, and H2OSmart technology translates into greater than 85% water savings versus conventional competing units
- Push-to-lock fittings provide quick and easy installation and worry-free operation
- The CB100S provides LED indication of fault codes and when evaporative pad replacement is necessary
- The CB100S can be installed so a "call-for-heat" is not required for unit to deliver humidification

**CM200**
Flow-Through Humidifier

- Highest peak capacity delivers up to 13 gallons per day at 120°F
- Easy to install; includes complete installation kit, humidistat control, and wide 6” duct collar
- Adjustable, precision duct, or wall mounted humidistat allows the unit to be set for optimum relative humidity
- Universal mounting allows for left or right air intake when installed
- 2” evaporator pad expands the evaporative area for water supply and increases performance
- Accessible from the front, making pad changes easy
- Serviceable internal water filter protects solenoid
- Uses standard humidifier 24VAC power input

**CB777**
Centrifugal Atomizing Humidifier

- Highest peak capacity delivers up to six gallons per day at 120°F
- Installation and assembly are quick and easy
- 120V wall- or duct-mount humidistat is easily adjustable from 20% to 80% relative humidity
- Includes an independent mounting bracket and discharge extension to extend through wall for installation flexibility
- Centrifugal atomizing humidifiers are installed onto the return duct or as a free-standing unit where a superfine mist is fed directly to a room
Humidifiers

Mister-MINI
Duct-Mounted Atomizing Humidifier
- Highest peak capacity delivers up to 12.5 gallons per day at 60 PSI and 140°F
- Ideally designed for use with fossil fuel fired furnaces; has ability to humidify homes up to 2,000 square feet
- Includes mechanical humidistat that will cycle the humidifier to maintain an accurate and comfortable humidity level
- 100% of the atomized water is introduced into the air stream, ensuring that no water is wasted
- Mounts directly to the duct in only a 3.125” x 3.125” opening
- Tilt-out nozzle assembly ensures simplified maintenance by allowing quick access to the key parts of the unit
- Capacity is easily increased or decreased by simply changing the nozzle

COMFORTSTEAM™ CFS20/CFS22
Self-Generating Electronic Steam Humidifier
- Highest peak capacity delivers up to 23 gallons per day of steam output
- Combines the purity of electrode-based steam humidification with the automation of electronic monitoring and control for high capacity residential applications
- Includes generator chassis assembly, humidistat, air proving switch, stainless steel duct distributor, and steam hose
- Unit monitoring with internal microprocessor and fault conditions indicated through single LED
- Connects to included external humidistat
- Normal residential applications typically only require one canister change per year

Dehumidifiers

ComfortDry CD55/CD90
Dehumidification Systems
- Cost-effectively satisfies new 2017 U.S. Department of Energy’s minimum efficiency rules and regulations for dehumidifiers
- Efficient and compact units provide 1,000-3,500 square feet of coverage
- Small footprint supports separate rooms, whole homes, crawlspaces, and basements
- CD90 removes up to 90 pints of water per day at 2.8 L/kWh (at 80°F, 60% RH)
- CD55 removes up to 55 pints of water per day at 2.53 L/kWh (at 80°F, 60% RH)
- ENERGY STAR 4.0 certified
- Units are adaptable to support horizontal or vertical airflow, including washable filters
- Multiple control options available

Dampers

TMD520
Motorized Air Damper
- Controls the amount of outdoor ventilation air as required by ASHRAE 62.2 standard
- Designed for residential applications up to 4,600 square feet
- Available in 5” - 20” diameters
- Rated to operate up to 1 inch WC
- Galvanized steel with a single blade
- Blade closes off tightly against gasket for minimal leakage
- Controls allow application-specific ventilation set points and optimize HVAC unit run times
Extended Surface Pleated Panel Filters

- Upgrade from standard pleated filters
- MERV 8, A-8, 11, and 13 performance ratings
- Mechanical MERV 8 media is not reliant on electrostatic charge for efficiency
- Low resistance to airflow
- High dust-holding capacity
- Sturdy double-wall frame design
- Moisture resistant beverage board frame
- Standard and High Capacity models
- Available in 1”, 2”, and 4” depths
- Special sizes available

Residential Disposable HVAC Filters

- Durable construction for all types of industrial and commercial applications
- Progressive density glass or poly filter media
- Heavy-duty frame and corners for added strength and durability
- Environmentally friendly
- Easy to install
- Special sizes available

Smoke Eliminators

SE400E/SE800E

- Rated up to 800 CFM
- Fits into 2’x2’ or 2’x4’ ceiling panels, or surface mounts
- Coanda effect airflow pattern, where dirty air intake in the center and side discharges return clean air in four directions; this results in no expense to reheat or cool air, as required with exhaust fans
- ARC suppression power supply reduces disruptive snapping noise and extends life
- Low profile design provides appealing unit with no elaborate ductwork or installation
- Removes up to 95% of tobacco smoke, dust, pollen, lint, bacteria, and mold spores
Committed to Providing Clean, Comfortable and Safe IAQ Solutions
Since 1947, TRION has manufactured quality engineered products for commercial, industrial, and residential markets to provide clean, safe, and comfortable indoor air environments. To learn more about how we can assist you in your next indoor air quality application, visit us on the web at www.trioniaq.com or simply contact your nearest TRION representative.

Proud to be a Division of Air System Components, Inc. (ASC)
Air System Components, Inc. is a market-leading supplier of heating, air conditioning, and ventilation system components for commercial, industrial, and residential applications. Constant investment in new tooling and processes, ongoing employee training and quality programs, and essential involvement in industry research and standards organizations ensures that our products provide the value and quality customers have come to expect.

Indoor Air Quality Since 1947
ISO 9001:2015 Certified

Industry Memberships:

Proudly Designed, Engineered, and Manufactured in the USA.

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