INDOOR AIR QUALITY PRODUCTS
COMPLETE YOUR COMFORT WITH CLEANER, FRESHER INDOOR AIR
Bryant® indoor air quality products take your comfort to heart with solutions that help clear the air of impurities, manage humidity levels, provide whole-home ventilation and more. It’s next-level comfort you can really enjoy, well beyond the basics of simple temperature control. Offering a full complement of options, designed to work with your new or existing home comfort system, Bryant indoor air quality products are a smart and versatile solution for achieving a more comfortable indoor environment.

**THERE’S SOMETHING IN THE AIR**
When you look around your home, you probably don’t see anything unusual. But according to the EPA, you may be surrounded by higher counts of many airborne pollutants than you would be exposed to outside.* These pollutants can affect your comfort and your well-being.

* https://www.epa.gov/indoor-air-quality-iaq/inside-story-guide-indoor-air-quality

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### Make the Invisible Visible:
**Common Indoor Air Issues**

<table>
<thead>
<tr>
<th>Issue/Source</th>
<th>Symptom*</th>
<th>Our Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Particle Allergens</strong></td>
<td>Pets, dust mites, mold, pollen, animal dander</td>
<td>Known to trigger and worsen asthma and allergy symptoms</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Air Purifier</strong></td>
</tr>
<tr>
<td><strong>Chemical Pollutants</strong></td>
<td>Cleaners, paints, adhesives, pesticides, cosmetics and air fresheners</td>
<td>Nausea and headaches. At high levels, can cause eye irritation</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Ventilator</strong></td>
</tr>
<tr>
<td><strong>Carbon Dioxide</strong></td>
<td>Simple breathing, Burning candles, gas, wood and other combustibles</td>
<td>Drowsiness, poor concentration</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Ventilator</strong></td>
</tr>
<tr>
<td><strong>Relative Humidity</strong></td>
<td>Too much or not enough moisture in the air</td>
<td>Moist air – mold and dust mites. Dry air – nosebleeds, dry eyes and skin</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Dehumidifier, Humidifier</strong></td>
</tr>
<tr>
<td><strong>Mold and Bacteria on the Cooling Coil</strong></td>
<td>Dampness</td>
<td>Coughing, respiratory issues</td>
</tr>
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<td></td>
<td></td>
<td><strong>UV Lamp</strong></td>
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</tbody>
</table>

Your local Bryant dealer is equipped with knowledge, expertise, and an indoor air analyzer that provides a detailed air analysis in about 30 minutes. Armed with the results, your dealer can address specific air quality issues with products from our comprehensive line of air purifiers and filter cabinets, ventilators, humidifiers, dehumidifiers and UV lamps.

* https://www.epa.gov/indoor-air-quality-iaq/care-your-air-guide-indoor-air-quality
**EVOLUTION™ AIR PURIFIER**

**Our Best Defense**
Indoor air circulates through a home’s return air ducts, into the heating/cooling system, then back into the home’s living areas. It is full of tiny particles from both natural and manmade sources such as pollen, dander, mold, tobacco smoke, exhaust and select viruses and bacteria. The largest of these particles settle on interior surfaces and appear as dust. Smaller particles also settle, but become airborne again with the slightest disturbance. The Evolution air purifier is installed on or near the furnace/air handler of your home comfort system to remove airborne particles that circulate throughout your home. Removing these particles keeps the equipment components clean, and more importantly, removes particles from the air you breathe. Because your indoor air is under constant attack, you need an effective defense – the kind you get with the Evolution air purifier.

**Why the Bryant® Evolution Air Purifier Matters**
As part of a strategy for slowing the spread of infectious disease in your home, the Evolution air purifier should be considered essential. Featuring our patented Captures & Kills® technology, the Evolution air purifier offers proven, third-party tested effectiveness with a 99% inactivation of captured viruses and germs when used as instructed, including:

- Coronavirus
- Common cold surrogate
- Bacteria that causes strep throat
- Human influenza

**HERE’S HOW IT WORKS**
Our Evolution air purifier treats the air flowing through your HVAC system’s air handler using a three-step, charge/capture/kill process:

**Charge**
The purifier creates a “cloud” of electrically charged ions that attach themselves to airborne dust, pollen, viruses, germs and other particles as they pass through.

**Capture**
The ionized particles are pulled toward an oppositely charged, pleated MERV 15 rated filter and captured at an extremely high rate, similar to how a magnet attracts metal shavings.

**Kill**
Captured airborne microbes remain on the pleated filter instead of recirculating back into the home and are subjected to an intense electric field. There, 99% of select viruses and bacteria are inactivated.

**INDEPENDENT TESTING AT THE UNIVERSITY OF COLORADO**
Our confidence with the performance of our Evolution air purifier capturing and killing coronavirus from filtered air is based upon third-party testing at a university environmental engineering laboratory that specializes in disinfection science.
- Tests were conducted with a murine coronavirus that is closely related to the human coronavirus SARS-CoV-2, which causes COVID-19
- The murine pathogen surrogate allowed testing to be completed safely

Controlled environment tests showed that the Evolution air purifier inactivated 99% of coronavirus on its filter.

**1** The Evolution air purifier has demonstrated effectiveness against the murine coronavirus, based on third-party testing (2020) showing a >99% inactivation, which is a virus similar to the human novel coronavirus (SARS-CoV-2) that causes COVID-19. Therefore, the Evolution air purifier can be expected to be effective against SARS-CoV-2 when used in accordance with its directions for use. Third-party testing (2012, 2007) also shows ≥99% inactivation for the type of virus that causes common colds, Streptococcus pyogenes and human influenza. Airborne particles must flow through your HVAC system and be trapped by the Evolution filter to be inactivated at 99%.

**2** MERV is a filter efficiency standard ranging from 1 to 16 (higher MERV = higher efficiency). The Evolution air purifier achieves a MERV 15 rating based on third-party testing (2012) showing 95% of particles size 1.0 to 3.0 microns captured and 85% of particles size 0.3 to 1.0 microns captured.

**3** https://aem.asm.org/content/aem/76/9/2712.full.pdf
Today’s homes are more energy efficient than ever – sealed tighter and better insulated to keep heated or cooled air on the inside. The unfortunate side effect is that these same homes also do a better job retaining dust, dirt, pollen and more, trapping them inside to circulate and recirculate throughout your living spaces. These particles settle on furnishings, pollute the indoor air and rob your comfort system of efficiency by restricting airflow and making it work a little harder. The Bryant EZ Flex cabinet and filter can help alleviate those issues, with the MERV 13 model effectively clearing the air of more than 90% of airborne particles as small as 1.0 microns.*

**EFFICIENCY**

Bryant EZ Flex filters are available in MERV 13 or MERV 10 efficiencies. Air filtration systems are measured with the Minimum Efficiency Reporting Value (MERV) using a scale from 1 – 16, the higher the number the better.

* Test data obtained by running ASHRAE 52.2 2012 version.
HUMIDIFIERS
A Bryant® humidifier can “moisturize” dry, heated, winter air, making your home feel more comfortable. That’s important because during the heating season, your home can feel drier than the desert. Properly humidified air can help relieve the discomfort of dry nasal passages, itchy skin and static shocks.

A comfortably humidified home can help save energy, too. Because you are less likely to turn up the heat, you could potentially save money on your heating costs. With five distinctly different models, there’s a Bryant humidifier that is just right for your home.

<table>
<thead>
<tr>
<th>Model</th>
<th>STM</th>
<th>LBP</th>
<th>SBP</th>
<th>WBP</th>
<th>LFP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Type</td>
<td>Steam</td>
<td>Large bypass</td>
<td>Small bypass</td>
<td>Water saver bypass</td>
<td>Large fan-powered</td>
</tr>
<tr>
<td>Capacity (gallons/day)</td>
<td>34*</td>
<td>17</td>
<td>12</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td>Water Vapor Delivery</td>
<td>Dispersion tube in duct</td>
<td>Expanded aluminum evaporator pad</td>
<td>Expanded aluminum evaporator pad</td>
<td>Wicking paper evaporator pad</td>
<td>Expanded aluminum evaporator pad</td>
</tr>
<tr>
<td>Notes</td>
<td>Large homes, highest output</td>
<td>Large homes</td>
<td>Small homes</td>
<td>Efficient in water usage</td>
<td>Large homes</td>
</tr>
</tbody>
</table>

*B Varies, based on voltage and amperage.

BRYANT WHOLE-HOME DEHUMIDIFIERS
As summer temperatures and humidity rise, your air conditioner or heat pump dehumidifies your home during the cooling process. To achieve desired humidity levels, the system often operates with greater frequency. By adding a Bryant whole-home dehumidifier, your system can more effectively pull excess moisture from the air circulating throughout your home. You’ll feel more comfortable without over cooling, meaning you can turn the thermostat up a few degrees to help save on energy costs.

Keeping humidity under wraps can also improve the quality of the air you breathe by helping to keep mold and some allergens under control.* It can help prevent warping or structural damage to wood flooring or furnishings. And, setting your dehumidification levels is simple and convenient using the LCD control that can remain on the dehumidifier cabinet or installed at a more easily accessed location.

* https://www.epa.gov/mold/brief-guide-mold-moisture-and-your-home
BRYANT® WHOLE-HOME VENTILATORS
Bryant fresh air ventilation offers a controlled solution for bringing fresh outdoor air into your home. It’s efficient because it ventilates without the energy loss you would experience through an open window or screen door. Whole-home ventilation is more important than ever with today’s more tightly sealed, energy-efficient homes that tend to trap airborne pollutants to circulate throughout your home.

COMFORT AND EFFICIENCY
Our energy and heat recovery ventilators can maintain your comfort with minimal heat loss. Here’s how:

- Fresh, outdoor air and stale, indoor air enter our high-efficiency heat recovery core
- Up to 70% of heat (or energy) from the indoor air is transferred to the clean, outdoor air for circulation throughout your home using the sensible recovery energy model SVU
- Energy recovery ventilators (ERVs) also remove excess humidity to enhance comfort and save energy
- The outgoing and incoming air never mix, so you have a continuous flow of fresh air

WHICH ONE IS RIGHT FOR ME?

**HRV:** An HRV, or heat recovery ventilator, is a great choice for comfort and efficiency in colder climates with longer heating seasons, such as Canada or the northern United States.

**Models**
- HRVCRSHB
- HRVCRSVB
- HRVCRSLHB
- HRVCRSVU

**ERV:** An ERV, or energy recovery ventilator, is the right choice in the Midwest and southern states, where removing humidity from incoming air is vital to efficient, comfortable performance.

**Models**
- ERVCRSHB
- ERVCRSVB
- ERVCRSLHB
- ERVCRSVU

**Fresh Air Vent:** Our most affordable and compact whole-home ventilation solution, the Bryant fresh air vent provides a controlled solution for fresh, indoor air without the heat exchange or humidity transfer of an ERV or HRV.

**Model**
- FAVCR

**Add-On ERV:** For installations with space limitations, the add-on ERV offers a more compact solution that fits while still providing the needed ventilation and efficient performance.

**Model**
- ERVCRNVA
GERMICIDAL ULTRAVIOLET (UV) LAMPS
Your heating and cooling system is the unsung hero of your home, constantly running in the background to keep you cozy and comfortable. As air passes through the cooling coil, mold spores, bacteria and fungi stick to its damp surfaces. Buildup of these contaminants can reduce system performance and lead to the release of harmful mold spores and unpleasant odors into your home.

To help alleviate these issues, the Bryant® germicidal UV lamp is mounted near the cooling coil where fungus and microbes can grow. The intense UV light is designed to kill bacteria and mold growing on and around the indoor coil, enhancing system efficiency and improving the quality of your indoor air.

BRYANT CARBON MONOXIDE ALARM
Carbon monoxide is a colorless, odorless gas produced by incomplete combustion of fuels such as natural and LP gas, kerosene, coal, wood and charcoal. Exposure can cause fatigue, chest pains, impaired vision and coordination, headaches, dizziness, confusion and nausea.* That’s why it’s reassuring to know that you can protect your family with a Bryant carbon monoxide alarm.

The Bryant carbon monoxide alarm can put you at ease with its sophisticated electronics and sensor technology that detects and records the levels of CO circulating in your indoor air. You can monitor the current CO level in your home on a large, easy-to-read digital display. When dangerous levels of CO are present, a loud, audible alarm alerts you and your family automatically. To maximize your protection – and your peace of mind – Bryant recommends placing a carbon monoxide alarm on each level of the house and in every bedroom. Then, follow up with weekly alarm checks and an annual, professional inspection.


A Continuous CO Monitoring
The easy-to-read, continuous digital display allows you to monitor the level of CO in your home with updated information every 15 seconds.

B Built-In Safety Check
The test/reset button checks the unit’s electronic circuitry and horn so you can be assured the unit is functioning properly. It also resets the unit during an alarm.

C Convenient Peak Level Tracking
With the simple push of a button, the carbon monoxide alarm will display the highest recorded CO level since the alarm was last reset or unplugged.

D Installation Versatility
The AC plug adapter is removable and corded to provide the ultimate installation flexibility – it can be wall-mounted, placed on a table top, or simply plugged directly into an available outlet. You can pick the best location to maximize the effectiveness of the alarm.

E Uninterrupted Protection
The rechargeable lithium ion battery helps the carbon monoxide alarm provide uninterrupted protection, even during a power outage. (No need to replace batteries once a year.)
When you trust your comfort to Bryant, you’re making the smart choice. It starts with professional product recommendations and installation from your local Bryant dealer. Then you can relax, knowing our products are built to endure, and are backed by robust warranty coverage.

**LIMITED WARRANTY**
To the original owner, the Evolution™ air purifier, ultraviolet germicidal lamp base, humidifiers, carbon monoxide alarm, heat recovery ventilators and energy recovery ventilators are covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is five years if not registered within 90 days of installation except in jurisdictions where warranty benefits cannot be conditioned upon registration.

To the original owner, the Bryant® fresh air vent and dehumidifier are covered by a five-year limited warranty. The Bryant ultraviolet germicidal lamp bulbs are covered by a 90-day parts limited warranty.

To the original owner, the OptiClean™ air scrubber is covered by a one-year limited warranty.

*See warranty certificate at bryant.com or included in product literature for complete details and restrictions.*