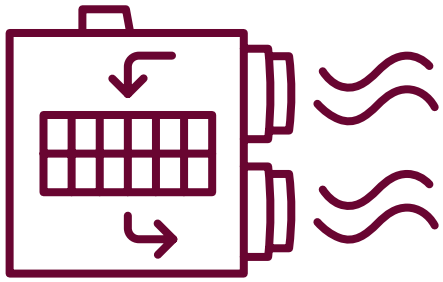
INDOOR AIR QUALITY

Walking New Homeowners Through Their Broan®AI Series
150 CFM Energy Recovery Ventilator (ERV)

BROAN NuTone

Key Features & Benefits

Many homeowners don't realize—the air inside their home can be up to five times worse than the air outside. But with their Broan® ERV providing a steady flow of fresh air into the home, you can rest assured knowing your home is receiving clean, fresh filtered air without sacrificing energy savings. Read up on the system's main features, their benefits, and the relevant information in the following pages.



Fresh Air Exchange

By continuously exchanging indoor and outdoor air, the ERV system is designed to improve both indoor air quality and homeowner comfort.

Energy Efficiency

By preconditioning incoming air with outgoing air, this system can help lower energy bills, recover energy needed to cool or heat the home more quickly, and reduce routine HVAC wear and tear.

Temperature Control

By using heat exchangers to pre-condition incoming air, this system helps improve comfort while maintaining a constant temperature in the home.

Real Time Display

By digitally displaying airflow and operation status, this handy feature makes it easy to verify the system's proper performance and optimal operation.

Easy Maintenance

With washable filters and an easy-to-clean core, this low-maintenance system is designed to help reduce both upkeep costs and effort.

Advanced Filtration

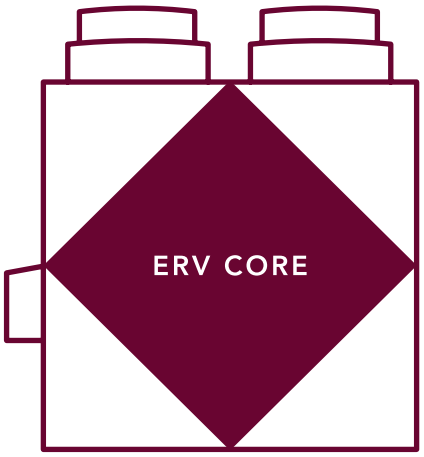
The Broan ERV system comes equipped standard with Minimum Efficiency Reporting Value (MERV) 8 filters, with an available upgrade to enhanced MERV 13 filters. Both options help reduce airborne pollutants and allergens in the home.

Quiet Operation

Using high-efficiency, low-noise motors, the Broan® ERV system provides the home with plenty of fresh air—without distracting background noise.

Broan® ERV System Maintenance

Routine maintenance for the Broan AI Series ERV system is recommended both quarterly and annually. See below for suggested best practices your customers can refer to when servicing their system.



Quarterly Maintenance

STEP 1

Disconnect the power cord.

STEP 2

The door of the unit is hinged and closes with two latches—open them and set aside.

STEP 3

Clean the inside of the door with a damp cloth.

STEP 4

Clean system filters by:

- Removing the filters, which slide out and shouldn't require any tools
- Vacuum to remove any present dust
- Wash filters with a mixture of warm water and mild soap. You may add bleach if you'd like to disinfect (one tablespoon per gallon of water). Rinse thoroughly, then shake filters

STEP 5

Remove the core, which slides out and shouldn't require any tools.

STEP 6

Clean the condensing tray with a damp cloth.

STEP 7

Check the exterior air intake hood.

Annual Maintenance

STEP 1

Clean the ERV recovery core.
(labeled in the picture above)

Note: The core should slide out without the required use of tools. The ERV core should never be soaked in water and should only be cleaned by vacuuming with a soft bristle attachment. Soaking the core will damage it and render is unusable.

STEP 2

Clean the blower assemblies and unit interior by vacuuming with a soft bristle attachment.

STEP 3

Reassemble the unit and reconnect the power cord.

Troubleshooting

Should a homeowner encounter an issue with their Broan® ERV system, there are some simple steps they can take to help resolve the issue. If the unit does not work properly, reset the unit by unplugging it for one minute, then replug it. If the problem persists, consider the following:

Nothing Works

- See if the unit is plugged in
- See if the unit is receiving power from the house circuit breaker or fuse

Noisy Unit

- Clean the unit (see page 6 for maintenance instructions)
- If the problem is not solved, contact your installer or customer service

Condensation Inside Windows Under Cold Weather Conditions

- Operate the unit at MAX speed during activities generating excess humidity (family gatherings, extra cooking, etc.)
- Leave curtains half-open to allow air circulation
- Store all firewood in a closed room with a dehumidifier or in a well-ventilated room, or store the wood outdoors
- Keep the temperature in your home above 64°F

Humidity Inside Under Hot/ Humid Weather Conditions

- Operate the unit in MIN speed
- Temporarily switch to INT mode (if available)
- Use a dehumidifier

Air Too Dry

- Operate the unit at MIN speed
- Temporarily switch to INT mode (if available)
- Temporarily use a humidifier

Air Too Cold At The Air Supply Register

- Make sure the outdoor hoods are not blocked
- Operate the unit at MIN speed
- Install a duct heater (contact your installer)

In the event the issue can't be resolved using any of the above recommendations, homeowners can contact Customer Care.

Frequently Asked Questions

How often should I check and replace the filters?

Check the filters every six months, or more or less, often depending on the amount of indoor and outdoor air pollutants.

How should I clean the filters?

Remove the filters, wash them with mild soap and lukewarm water, rinse, and let them dry completely. See page 6 for more detailed instructions.

What should I do if the unit doesn't operate correctly?

If the unit isn't working properly, unplug it for about 10 seconds before plugging it back in.

What should I do during construction or renovation?

Don't use the unit during construction or renovation, as dust and vapors can damage it.

What should I do during winter?

Check the unit during a snowstorm to make sure the intake and exhaust hoods aren't covered with snow.