

NZTAP MANUFACTURER CASE STUDY



MANUFACTURER BACKGROUND

AIRIA Brands Inc. has been independently owned and operated over 30 years and one of the first developers in its field. Over 35 years of leadership in the ventilation and air filtration industry.

- One of the first and largest manufacturers of Indoor Air Quality (IAQ) systems
- Recognized as the premier brand of ventilation products
- Proudly made in North America "London ON"
- Respected industry partners collaborating with many boards and association

WHAT IS IT?

The compact design of the 130 ERVD model combined with superior performance, makes Lifebreath the top choice. Three units in one by the way of the high-speed select feature allows for maximum control of airflow and comfort.

130 ERVD model Energy Recovery Ventilator

- Certified for cold weather operation @ -25°C / -13°F operation.
- Introduces fresh air into the home.
- Recovers up to 86% energy from the exhausting air.
- In the summer, removes 30-50% of moisture from incoming air, which reduces load on A/C system.
- In the winter, regulates indoor humidity levels, reducing load on humidifier.
- Controls indoor air quality IAQ and CO₂

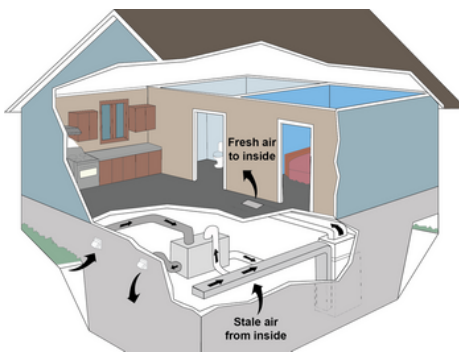
INSTALLATION

Most installs occur during at the same time as the mechanical install for the new home. Installs are generally completed by the local mechanical contractor. All installers should be certified installers however at this time in Ontario, trade certification is not a requirement. It is however mandatory in the province of Quebec.

There are 3 installation options:

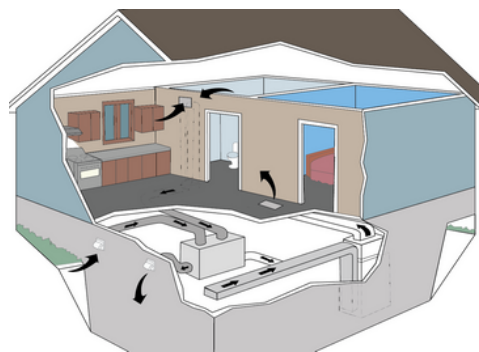
Simplified

Draws stale air from Return Air Duct work and delivers fresh air to Return Air Duct Work.



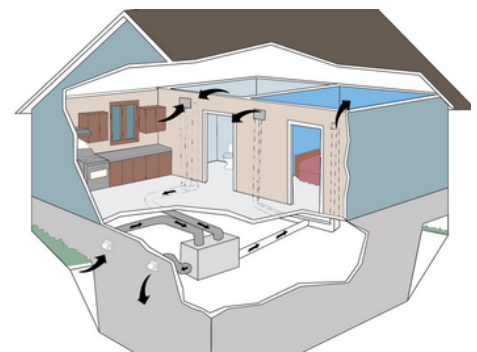
Partially dedicated

Draws stale air from bathrooms, kitchen, and laundry room and delivers fresh air to Return Air Duct Work.



Fully dedicated

Draws stale air from bathrooms, kitchen, and laundry room and delivers fresh air to Return Air Duct Work.



BENEFITS AND COSTS

- Model for Model cost from HRV to an ERV would be marginal and in most cases less than 10%.
- The ERV benefits are year round usage vs an HRV that is normally turned off during the summer months because of excess humidity infiltration.
- No drain required. Simple control and standard hook up.

STANDARDS AND CERTIFICATIONS

- The product meets all Canadian standards and is HVI, AHRI and CSA approved. It is also ENERGY STAR qualified.

CONTACT?

Do we want to provide contact info here