

# EcoAdvance™ Technology

Now buildings can work smarter, not harder with less outside air.  
The more outside air you use, the more money you lose.

Most buildings replace the entire volume of air as much as 20 times a day. This practice has been the accepted method to maintain occupant comfort and indoor air quality.

Introducing YORK® EcoAdvance™ Technology. This proprietary approach to recycling indoor air not only reduces molecular air contaminants but also reduces the overall energy load on a building's HVAC system.

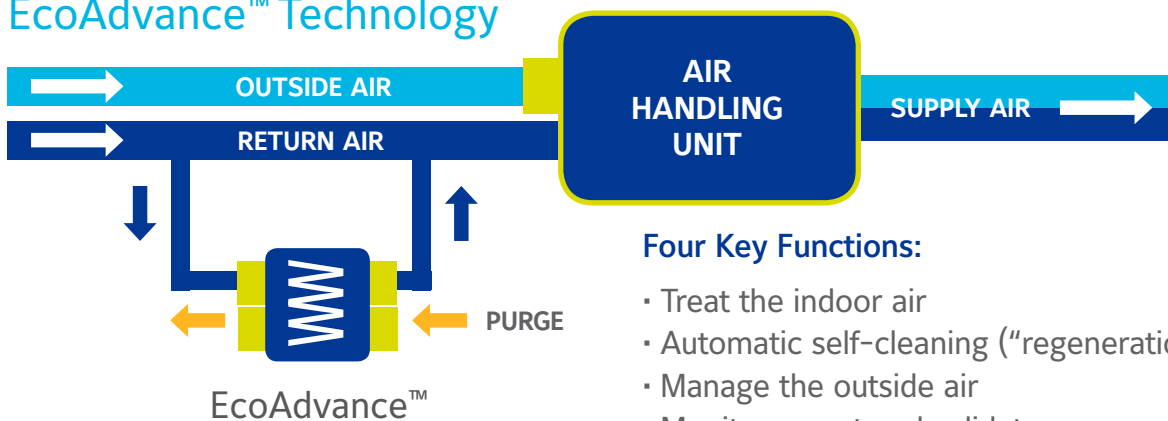
This innovative self-regenerating HLR (HVAC Load Reduction) module allows buildings to significantly reduce dependence on outside air and still meet the ASHRAE 62.1 requirements for indoor air quality.

## Here's how it works:

- Proprietary technology captures molecular contaminants such as carbon dioxide (CO<sub>2</sub>), Volatile Organic Compounds (VOCs) and Formaldehyde (HCHO) etc., and conditions the air.
- Intelligent, self-cleaning unit purges contaminants out of the building via exhaust by sensing non-peak occupancy within a building.
- Smart Sensors continuously monitor system performance and air quality inside the building.
- Integrated controls manage the inflow of the outside air into the building, which helps reduce HVAC energy costs substantially.

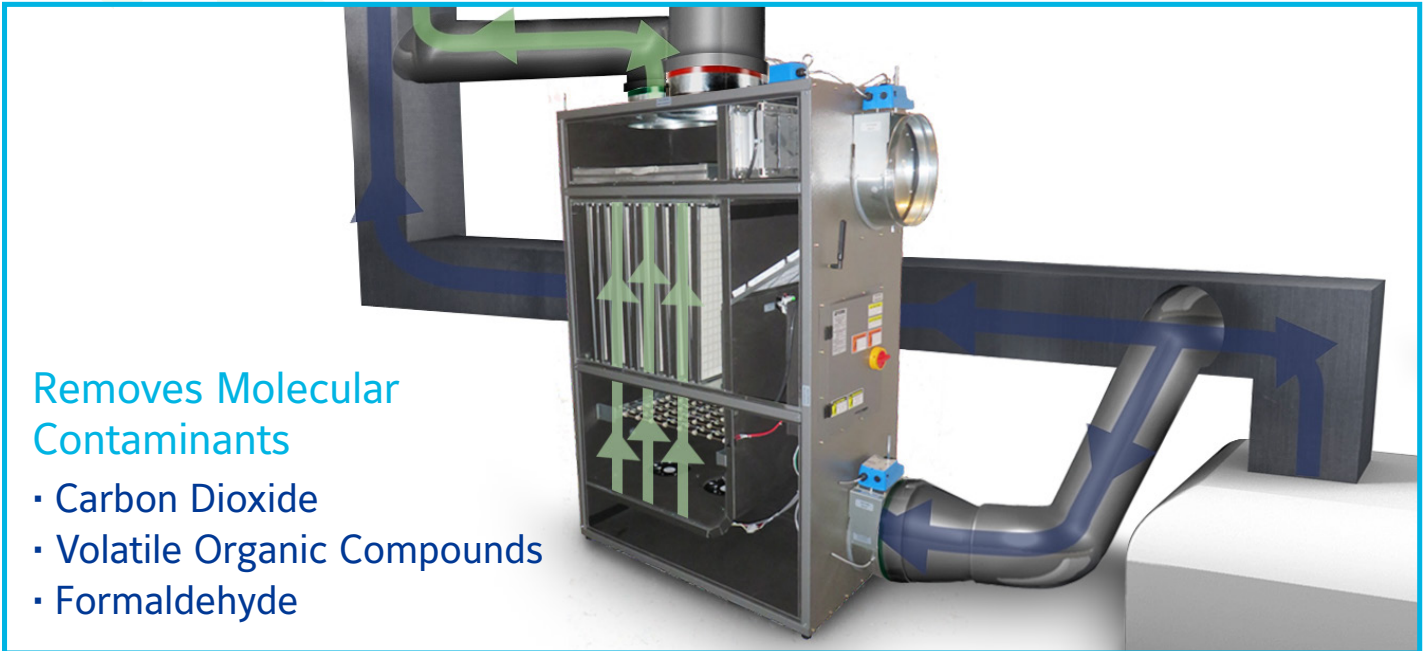


## EcoAdvance™ Technology



### Four Key Functions:

- Treat the indoor air
- Automatic self-cleaning ("regeneration")
- Manage the outside air
- Monitor, report and validate

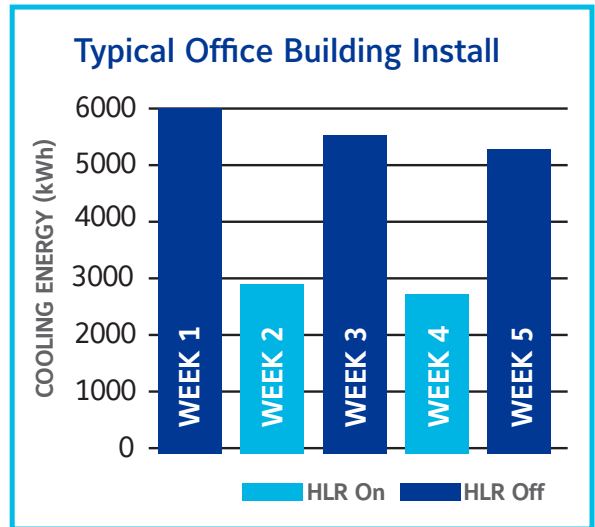


## Removes Molecular Contaminants

- Carbon Dioxide
- Volatile Organic Compounds
- Formaldehyde

*Vertical and horizontal configurations are available.*

- Reduce size of your HVAC equipment
- Perfect for new construction or retrofits
- Install in conjunction with Air Handling Units, Rooftop Units or Energy Recovery Ventilators
- Small footprint
- Easy indoor installation
- Improve air quality with minimum installation effort
- Real-time monitoring capable
- Qualifies for U.S Green Building Council LEED points
- Qualify for Utility rebates (in states where applicable)
- Save on capital expenditure and operating costs
- Significant HVAC load reduction and energy usage.
- Payback
  - New construction: Immediate
  - Retrofits: 2 years w/o and 6 months w/utility rebates
- Backed by YORK® Johnson Controls service, warranty and support



*HVAC load reduction and energy use.*

For more information contact your YORK® representative.



For more information [www.york.com/ecoadvance](http://www.york.com/ecoadvance)

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