



## Testimonials

“By applying (BPE’s) energy recovery technology to our older buildings, the energy savings alone justify the installation of a BPE Unit. Additional benefits include improved thermal comfort and IAQ, as well as reduced operation and maintenance costs.” *Norm Torkelson (Director of Facilities)*

“This BPE unit brings in fresh air and greatly improves the indoor air quality of our facility by removing chemical smells caused by the inks and chemicals used in the printing process.” *Reed Adnaries (President)*

“There has been a dramatic improvement in comfort accompanied by nice energy savings as well.”  
*Scott Reilly (Director of Engineering)*

“We run a tight ship around here and the BPE units are maintenance free!”  
*Juoko Tahvanainen (Plant Engineering Manager at Chanel Perfume)*

“BPE’s state-of-the-art energy recovery ventilator is an industry leader in polymer core, fixed-plate, reverse counter-flow technology. Simply put, these systems reduce the cost of bringing fresh air into customers’ buildings. One of the biggest benefits of these systems is that they can be installed in existing buildings, saving owners from expensive HVAC modifications.” *Kelsey Higginbotham (Green Business Quarterly) May/June 2010*

“Hopewell Valley Regional School District cut energy consumption by over 32.1% in five years in partnership with Haglid Engineering & Associates, improving thermal comfort and indoor air quality and providing an opportunity to educate students and faculty on how to effectively save energy.

*EPA ENERGYSTAR® Service and Product Provider Success Story*

If you would like more details on the potential energy savings and incentives that can result from installing energy recovery ventilators manufactured by Building Performance Equipment, please contact us for an evaluation.



Building Performance  
Equipment, Inc.

**Building Performance Equipment, Inc.™**

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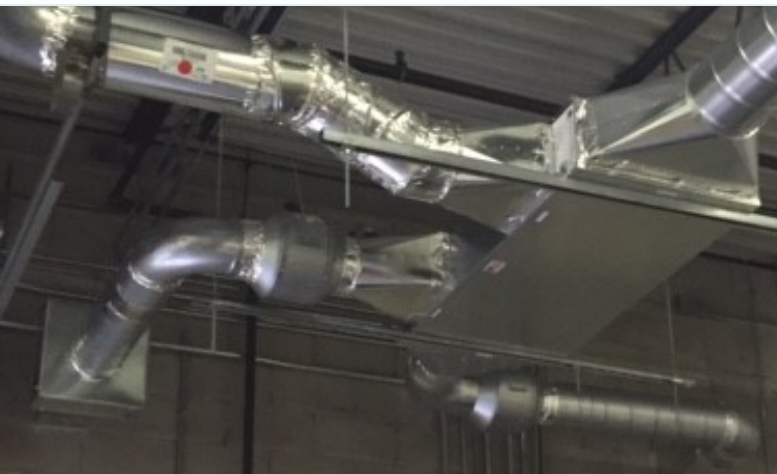
Building Performance  
Equipment, Inc.

# A Refreshingly New Idea in Energy Recovery Ventilators

Residential • Commercial  
Sustainable • Reliable • Energy Efficient







## What We Do....

Building Performance Equipment, Inc. designs, patents, and manufactures true direct counter-flow, Air-to-Air Energy Recovery Ventilators. Our technology uses the energy from indoor air on its way out to pre-condition fresh outdoor air to room temperature as it enters your home, school, office, or large commercial space. BPE ERVs reduce energy consumption and bills SUBSTANTIALLY. The result? Better comfort, better quality of life, and a smaller carbon footprint.

Our reliable, MAINTENANCE FREE equipment runs up to 90% thermally efficient as well as up to 34% latent in areas with high humidity.

For complicated multi-zone or demanding clean room applications, we provide computer modeling capable of taking into account 10-year weather bin value data, specific construction, envelope, process loads, and other miscellaneous building loads. This provides projections of future performance for different systems before they are built and commissioned.

## Why Our Advanced Technology is Critical....

Indoor air is typically five times as polluted as outdoor air and contributes to sick building syndrome. Poor IAQ (Indoor Air Quality) can cause illness and on the job fatigue which lowers productivity.

Energy Recovery Ventilators designed and manufactured in the USA by Building Performance Equipment, Inc. improve air quality and provide optimum thermal comfort in commercial and residential buildings.

## All BPE ERVs are superiorly cost effective.

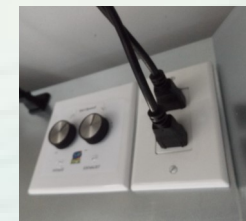
- BPE units meet ANSI/ASHRAE Standard 62.1 2019 Ventilation for Acceptable Air Quality and can help new or retrofitted buildings meet LEED and ENERGYSTAR® requirements for various incentive programs.
- Prolongs life cycle of existing HVAC systems by reducing mechanical stress. Units can work with or separately from existing HVAC systems.
- BPE ERVs can boast an ROR of as little as two years.
- Design is low maintenance with no moving parts.
- 20-Year Limited Lifetime Warranty

## Why a BPE ERV is your best bet:

- Up to 90% thermal efficiency
- No Cross Contamination of air streams
- Up to 34% latent effectiveness (humidity) via BPE Regenerative Condensate Return® Technology
- Energy Efficiency Ratings (EER) of 36 to 160 (industry standard is 10)
- Excellent support staff and computer modeling
- Galvanized steel construction

## Residential ERV Units feature 'Place-It and Plug-It design'

Lightweight design makes it easy for one person to install these units into new or existing ductwork. Plug the ERV straight into a 120 VAC with attached three-pronged plug. Adjust fan speed via integral factory-calibrated speed controls with full, variable speed for each fan.



### BPE-XE-MIR-200-i



200-i

### Home to Small Office 60 to 200 cfm

The 200-i is the perfect size for providing fresh make-up air to a small office (up to 10 people) or the home of a family of up to six. Healthy, comfortable air for everyone!

*This is our DIY bestseller!*

In addition to the superior technology all our units are known for, the 200-i has:

- Two built-in fans (220 cfm each)
- Fans typically have a 20-year life, but are replaceable
- Merv 8 Filters for fresh air and exhaust
- Lowest profile of any product in this class (8.5" thick)

Summer @95°F – 31.53 EER Winter @10°F – 75.67 EER

Have a larger home or office? These units sport the same design as the 200-i but use external fans for more *oomph*!

### BPE-XE-MIR-300-i

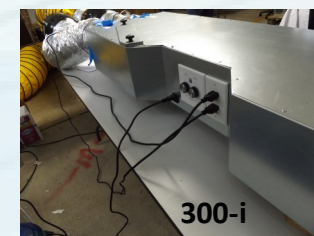
100 to 300 cfm

Medium Home or Office

### BPE-XE-MIR-400-i

100 to 400 cfm

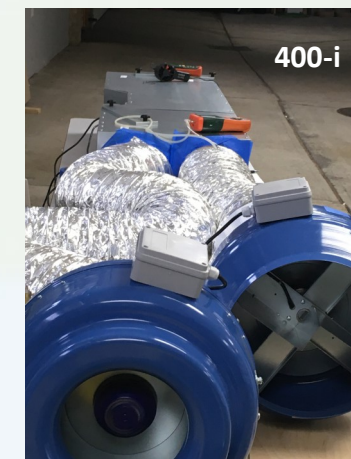
Larger Home or Office



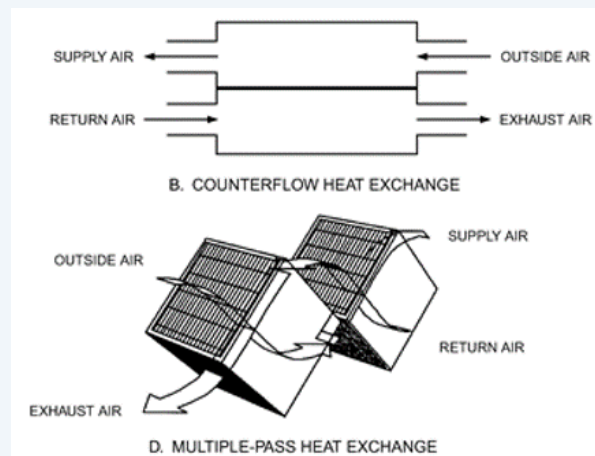
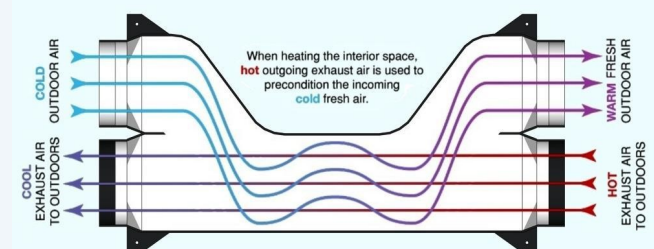
300-i



300-i



400-i



## Commercial ERV Units feature modular packages

BPE commercial / industrial ERVs are modular, man-portable, and will fit through a 36-inch door. Packages include Fans, Speed Controllers, Filter Boxes, and Intake Louvers. Larger Packaged Systems up to 20,000 cfm.

**BPE-XE-MIR-650** 300 to 650 cfm

**BPE-XE-MIR-1000** 400 to 1,100 cfm

**BPE-XE-MIR-2000** 500 to 2,250 cfm

