



company profile

Building Performance Equipment, Inc.® is a manufacturing company dedicated to meeting heat recovery needs for air or other gases.

As the designers and patent holders on a number of Air to Air Heat Exchanger Designs, BPE is the authoritative source on heat recovery systems!

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

advanced technology

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, increase lost work time and on the job fatigue which lowers productivity.

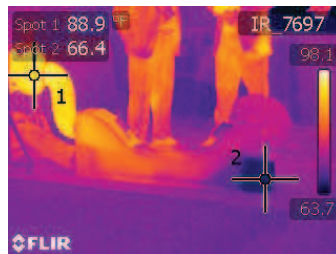
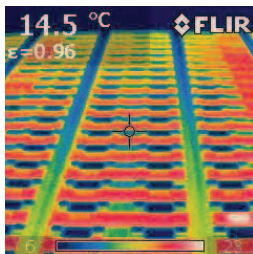
Energy Recovery Ventilators designed and manufactured in the USA by BPE, Building Performance Equipment, Inc. cost effectively improve air quality, reduce energy consumption and costs, and provide optimum comfort in commercial and residential buildings.

Using patented, advanced direct counter flow technology, all BPE units are rugged, compact, lightweight modules that can standalone or be used in conjunction with existing HVAC systems. And, buildings can be rehabilitated to meet IAQ standards without extensive HVAC retrofits.

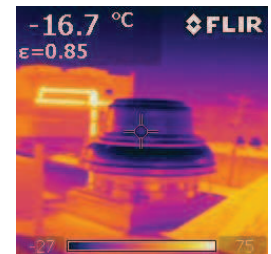
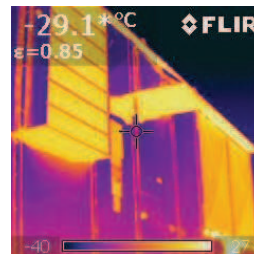
BPE units meet ANSI/ASHRAE Standard 62.1 2004 Ventilation for Acceptable Air Quality and qualify for significant incentives under the New Jersey Smart Start Buildings Program.

advantages:

- Improve Indoor Air Quality
- Reduce Energy Consumption
- Save Money
- Prolongs life cycle of existing HVAC systems by reducing mechanical stress
- No Cross Contamination
- No mold or bacteria growth
- Up to 34% latent effectiveness (humidity) during high temperature, high humidity weather conditions
- No moving or metal parts to promote mechanical failure



High efficiency energy recovery.



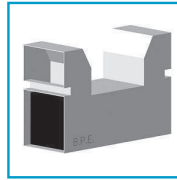
Thermal images of very expensive heat loss of typical rooftop equipment

models

BPE's patented monolithic polymer construction allows for low pressure drop, high heat effectiveness, and with our Regenerative Condensate Return™ technology, high moisture transfer as well. Made from medical grade polypropylene, our Energy Recovery Ventilators also prevent the growth of mold and formation of frost to temperatures even below -20°F (no defrost required). Most importantly, each unit comes standard with BPE's 20 Year Limited Lifetime Warranty.

BPE high efficiency air-to-air energy recovery ventilators are 80% thermally efficient and have an extremely high EER that is unsurpassed in the industry.

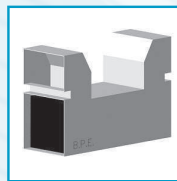
By using our new patented technologies, BPE is able to precondition fresh outdoor air to room temperature for your building, school, office, or home, substantially reduce your energy bill, and improve indoor air quality, all with reliable equipment that needs no maintenance typically for 15 years.



BPE-MIR-XE 2,000

35.35 EER, **82.41 EER**
(summer @95°F OAT) (winter @10°F OAT)

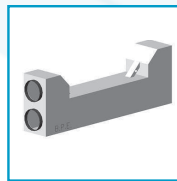
- Designed to handle all large scale commercial and industrial applications.
- 2,000 cubic feet per minute (CFM) of air when combined in modular installations.
- Can be stacked or aligned in parallel.
- Installed indoors or outdoors.



BPE-MIR-XE 1,000

35.85 EER, **75.11 EER**
(summer @95°F OAT) (winter @10°F OAT)

- Perfect ERV for a 2-3 story commercial building or small industrial applications.
- Rated for 1,000 CFM, this model is also the perfect choice for a school wing, institutional lecture hall, nursing home, or multi-family housing.
- Weighing less than 160lbs, can be easily fit into any plenum, drop ceiling, or mechanical mezzanine or outdoors.

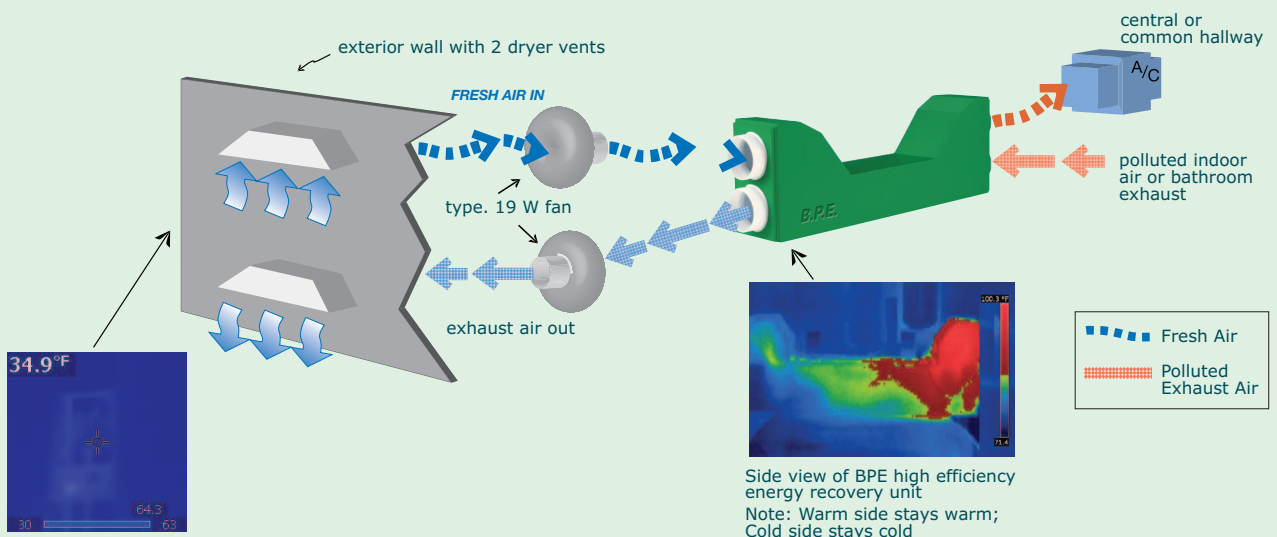


BPE-MIR-XE 200 and 500

64.1 EER, **163.19 EER**
(summer @95°F OAT) (winter @10°F OAT)

- These units are specifically sized to handle residential, small office, and dedicated ventilation applications.

how it works



With well over 85% thermal efficiency, very little warm air leaves the building