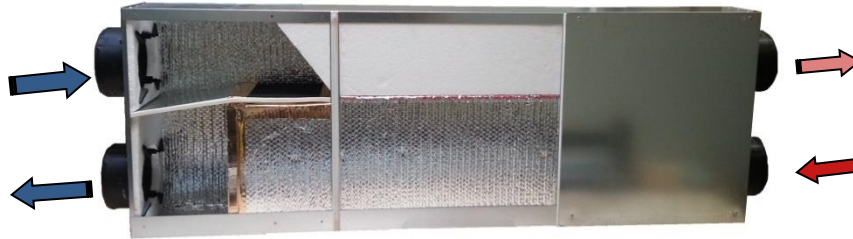




# Building Performance Equipment, Inc.®

Sustainable, Reliable and Energy Efficient Ventilation Systems

## BPE-XE-MIR-200-i



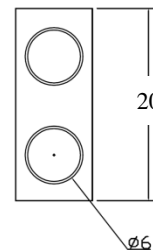
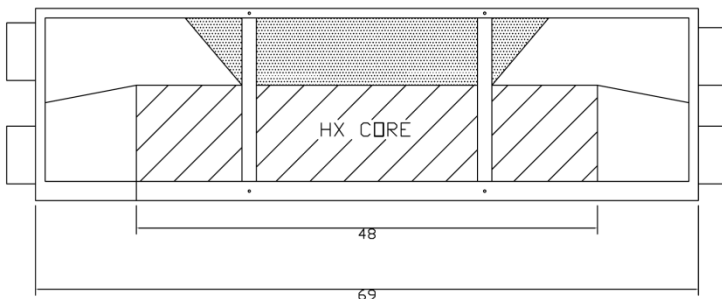
### SPECIFICATIONS

<b>Model Number:</b> BPE-XE-MIR 200-i, Energy Recovery Module (ERM)				
<b>Ventilation Type:</b> Polymer Fixed Plate, Heat and Humidity Transfer				
<b>Typical Air Flow Range:</b> 50 to 200 cfm, 100 cfm with 30 feet of ductwork and intake out vent louvers				
<b>V</b>	<b>Hz</b>	<b>Phase</b>	<b>Input Watts per fan</b>	<b>FLA</b>
115	60	Single	60 @ 200 cfm	0.29 each fan
<b>Energy Efficiency Ratio (EER) - Summer = BTUH/W = 31.53 (ARI 1060 at 95°F)</b>				
<b>Energy Efficiency Ratio (EER) - Winter = BTUH/W = 75.67 (ARI 1060 at 10°F)</b>				
<b>Flame Rating:</b> ASTM E84 Flame Spread < 25				
<b>Smoke Density</b> < 50				
<b>Insulation:</b> R-6.0				
<b>Typical Fans:</b> Integral Fans, 3 prong plug, plus optional (2) Speed Controllers (additional cost)				
<b>Shipping Dimensions:</b> 72" x 23" x 10" (boxed)				
<b>Weight:</b> 67 lbs. (packaged), 60 lbs. (ERM alone)				
<b>Note:</b> Typically no defrost controls are needed in conditions above -10 F and/or below 40% RH. For colder or more humid applications, call BPE Technical Support.				
Metal Galvanized Steel Exterior with Reflectix Semi-Rigid Insulation : R-5 RMAX				

Patents & Patent Pending – BPE®



Note: Dimensions in inches and method of manufacturing are subject to change without notice.



Duct-Port View

[www.LowkWh.com](http://www.LowkWh.com)

Support: (201) 722.1414 | Fax: (201) 722-0999



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## Eco Air Anywhere®

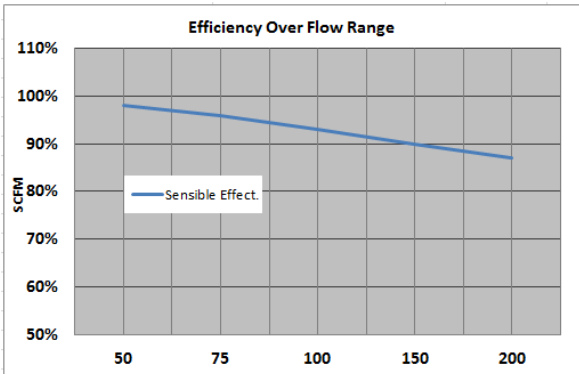
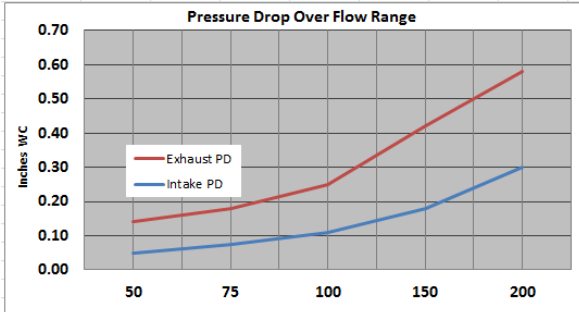
ARI 1060 Testing

Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

Application: \_\_\_\_\_

### BPE Performance



### Design Conditions

#### Summer

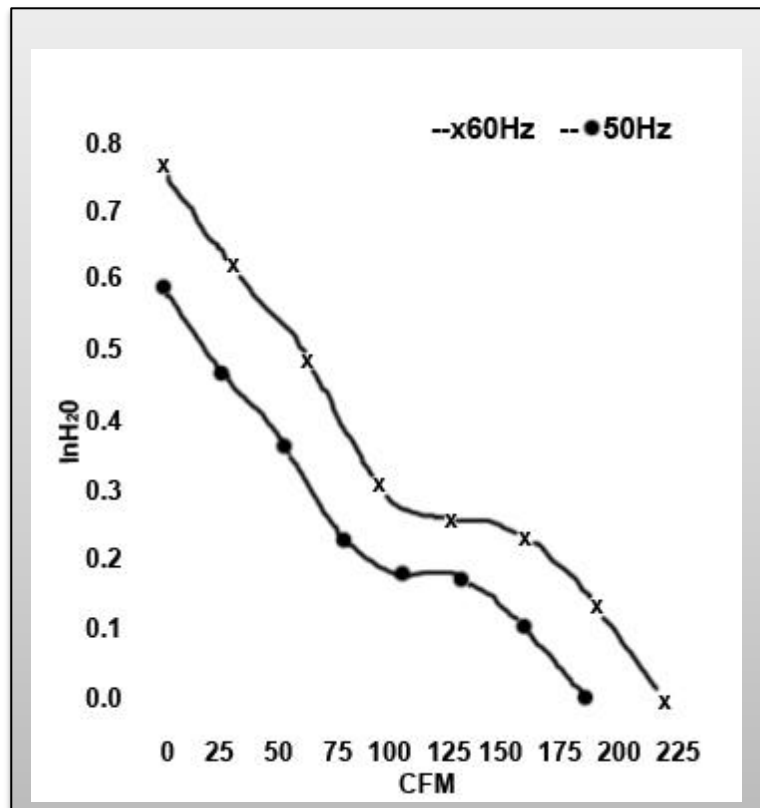
Outdoor Air (FA)	CFM		in W.C.	°F DB	°F WB
Indoor Air (EA)	CFM		in W.C.	°F DB	°F WB
				% Thermal Effectiveness	% Latent Effectiveness

#### Winter

Outdoor Air (FA)	CFM		in W.C.	°F DB	°F WB
Indoor Air (EA)	CFM		in W.C.	°F DB	°F WB
				% Thermal Effectiveness	% Latent Effectiveness

### Procedure for Fan Sizing:

1. Two high-efficiency fans included.
2. Unit provides 100 cfm of intake and exhaust air with typical 30 feet of ductwork or equivalent.
3. Determine static pressure of both exhaust and fresh air intakes in ERM, duct, filters, louvers and diffusers.
4. Add margin or safety factor.
5. Consider adding speed controllers.



Notes:

Email this sheet to [Info@BPEquip.com](mailto:Info@BPEquip.com) for equipment and fan selection.