



# Building Performance Equipment, Inc.®

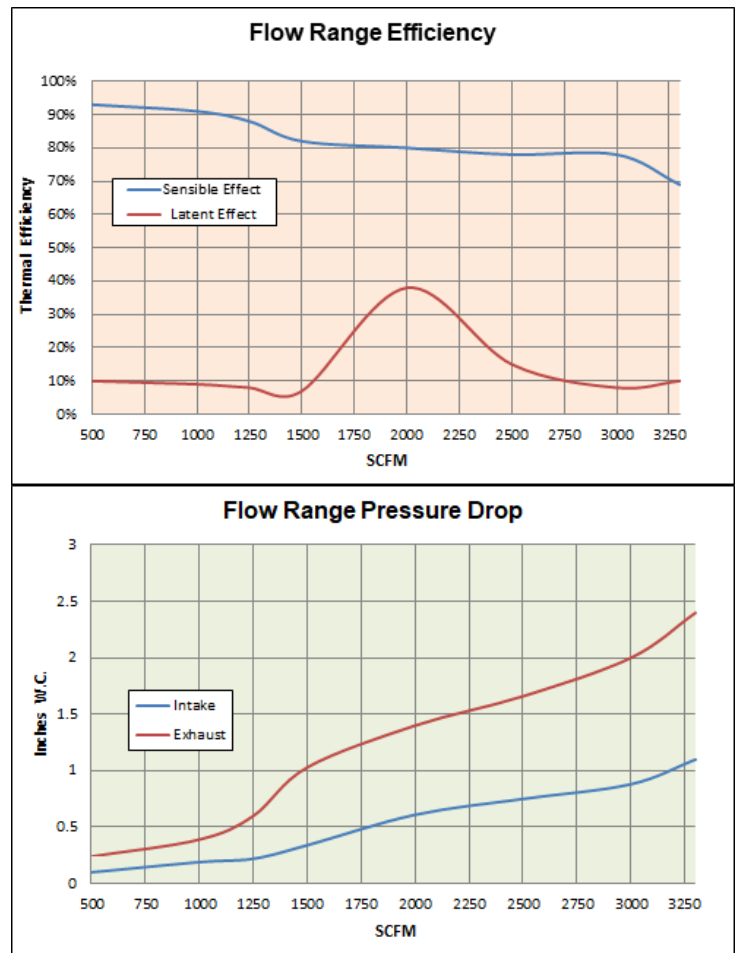
Sustainable, Reliable and Energy Efficient Ventilation Systems

## Model: BPE-XE-MIR-3000 (Air-to-Air Energy Recovery Ventilator)



|                                                 |                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------|
| <b>Model Number:</b>                            | BPE-XE-MIR-3000, Energy Recovery Ventilator (ERV)                      |
| <b>Energy Transfer:</b>                         | Polymer Fixed Plate, Heat and Humidity Transfer                        |
| <b>Air Flow Range:</b>                          | 500-3500 CFM                                                           |
| <b>Energy Efficiency Ratio (EER) – (Btu/W):</b> | (ARI 1060 at 95°) - Summer = 47.8<br>(ARI 1060 at 10°) - Winter = 83.8 |
| <b>Net Weight:</b>                              | 300 lbs.                                                               |
| <b>Dimensions:</b>                              | 72" L x 28" W x 48" H                                                  |
| <b>External Finish:</b>                         | Galvanized Steel Sheet                                                 |
| <b>Typical Fan:</b>                             | Fantech FKD-18                                                         |
| <b>Power Source:</b>                            | 115 V - Single Phase - 60 Hz                                           |
| <b>Power Consumption</b>                        | 1411 W @ 3149 CFM                                                      |

**Note:** For use in conditions below -10°F and/or 40% relative humidity, contact BPE for application assistance. Interior aligned with Reflectix Semi-Rigid Insulations (R-5 RMAX)



## ARI 1060 Testing

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

Date: \_\_\_\_\_

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

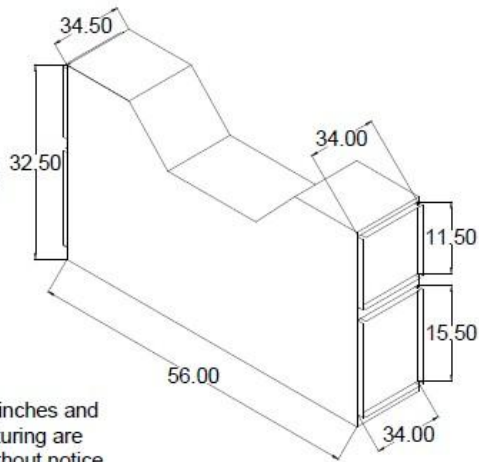
Application: \_\_\_\_\_

Contractor: \_\_\_\_\_

| Design<br>Conditions | Outdoor Air |          |       |       | Indoor Air |          |       |       | Thermal Efficiency |            |
|----------------------|-------------|----------|-------|-------|------------|----------|-------|-------|--------------------|------------|
|                      | CFM         | In. W.C. | °F WB | °F DB | CFM        | In. W.C. | °F WB | °F DB | Sensible (%)       | Latent (%) |
| Summer               |             |          |       |       |            |          |       |       |                    |            |
| Winter               |             |          |       |       |            |          |       |       |                    |            |

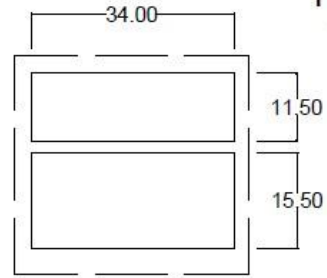
| <b>Component</b>        | <b>Intake (in. W.C.)</b> | <b>Exhaust (in. W.C.)</b> | <b>Notes</b>                                                               |
|-------------------------|--------------------------|---------------------------|----------------------------------------------------------------------------|
| Louver                  |                          |                           | Drain Connection (Left, Right, Field Installed):                           |
| Filter                  |                          |                           |                                                                            |
| Duct work               |                          |                           |                                                                            |
| ERV                     |                          |                           |                                                                            |
| Diffuser                |                          |                           | Regenerative Condensate Return (Wick, Gap or Total Seal – No Latent 0.0%): |
| Total Static            |                          |                           |                                                                            |
| Add 25% - Safety Factor |                          |                           |                                                                            |
| Fan Static              |                          |                           | Special Considerations:                                                    |
| Fan CFM                 |                          |                           |                                                                            |
| Fan Manufacture         |                          |                           |                                                                            |
| Fan Model               |                          |                           |                                                                            |

## ISOMETRIC VIEW



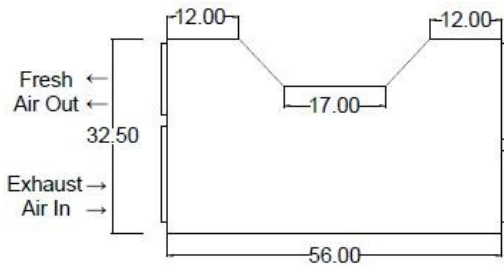
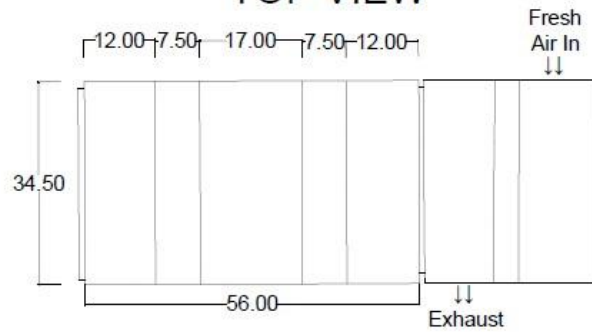
Note: Dimensions in inches and methods of manufacturing are subject to change without notice.

## FRONT VIEW



Note: Dimensions can have a tolerance of about  $\pm \frac{1}{4}$ "

## TOP VIEW



## SIDE VIEW