

Building Performance Equipment, Inc.®

Sustainable, Reliable and Energy Efficient Ventilation Systems

Model: BPE-SC-UNI-1000 (Air-to-air Energy Recovery Ventilator)



Model Number: BPE-SC-UNI-1000, Energy

Recovery Ventilator (ERV)

Energy Transfer: Polymer Fixed Plate, Heat

and Humidity Transfer

Air Flow Range: 500-1100 CFM

Energy Efficiency (ARI 1060 at 95°) - Summer

Ratio (EER) - (Btu/W): = 38.9

(ARI 1060 at 10°) - Winter

= 81.3

Net Weight: 140 lbs.

Dimensions: 101" L x 17.5" W x 32.5" H

External Finish: Galvanized Steel Sheet

Typical Fan: Fantech FKD-10

Power Source: 120 V - Single Phase - 60 Hz

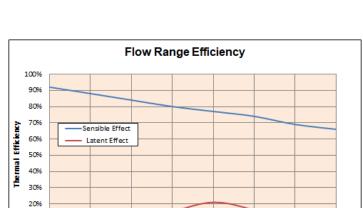
Power Consumption 1202 W @ 627 CFM

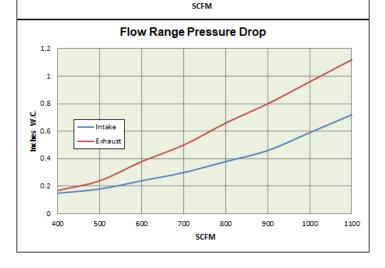
1040 W @

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)

Note: BPE-ERMS can be purchased without fans for

locations with existing fans



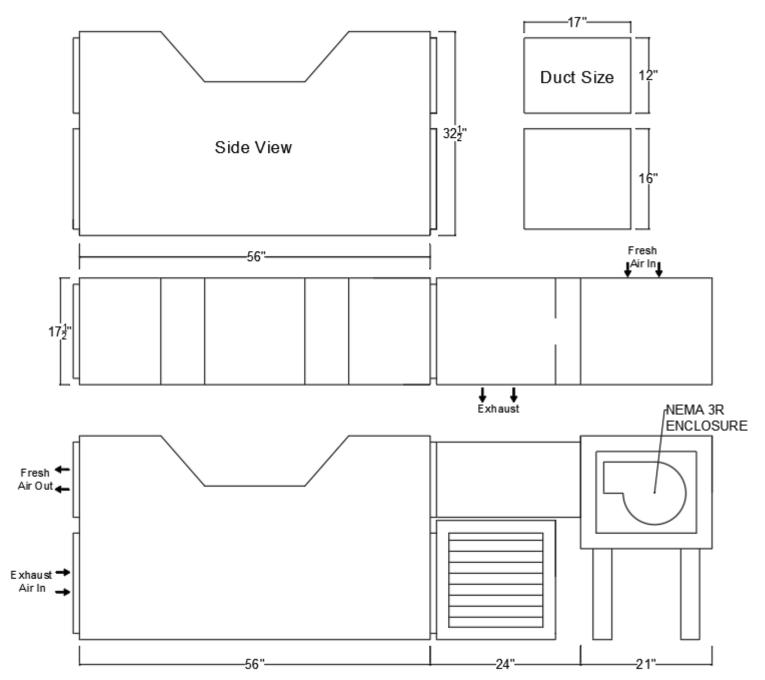


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Date: Date:
Application: Appl
Design Conditions CFM In. W.C. °F WB °F DB CFM In. W.C. °F WB °F DB Sensible (%) Latent (%)
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Conditions CFM In. W.C. °F VB °F DB CFM In. W.C. °F VB °F DB Sensible (%) Latent (%) Summer Intake (in. W.C.) Exhaust (in. W.C.) Intake (in. W.C.)
Summer Winter Intake (in. W.C.) Exhaust (in. W.C.) Notes Louver Ductwork Drain Connection (Left, Right, Field Installed): ERV Diffuser Regenerative Condensate Return (Wick, Gap or Total Static Add 25% - Safety Factor Fan Static Regenerative Condensate Return (Wick, Gap or Total Static Seal – No Latent 0.0%):
Winter Minter Mi
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Add 25% - Safety Factor Fan Static Seal – No Latent 0.0%):
Add 25% - Safety Factor Fan Static
Fan Static
Fan CFM Special Considerations:
Fan
Manufacture
Fan Model



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