

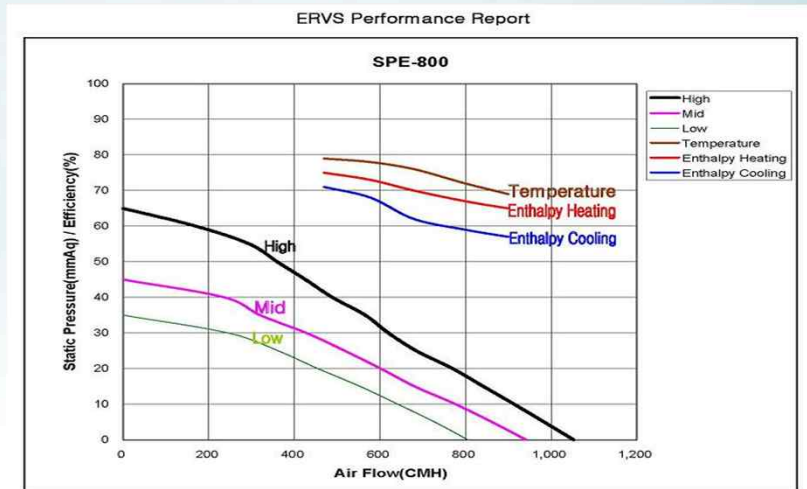
ENERGY RECOVERY VENTILATION SYSTEMS(ERVS)



MODEL : SPE-800 (800 CMH)

- -Xven heat-exchange technology provides for highly effective ventilation systems with maximum heat-energy recovery. The Xven core is made up of a cross-flow, plate-fin configuration with a diagram constructed of specially processed paper. The advanced heat-transfer and moisture permeability properties of the paper contribute to maximum heat-energy recovery as air circulates through the element. This results in substantial energy savings and contributes to a more comfortable indoor environment.
- -Commercial applications
- -Ceiling concealed duct connection type
- -Plate type enthalpy core
- -Compact design
- -Excellent sound installation ensures quiet operation
- -Energy loss is minimized
- -Variable 3-Step control(BLDC Motor Control)
- -High quality air filter
- -High pressure sirocco fan

P-Q Curve & Effectiveness



Specifications and Ratings

- - Input power : 1Ø 240 VAC, 50 Hz, 0.48 Kw
- - Effectiveness : Sensible 72.0(%), (Heating)
Enthalpy 67.0/59.0(%), (Heating/Cooling)
- -Static pressure : 18.0 mmAq/180 Pa (High Mode)
- - All duct connection : 250 Ø
- - Low noise level : 41.0 dB
- - Dimensions : L 1,095 * D 862 * H 490 mm
- - Weight : 72.0 Kg



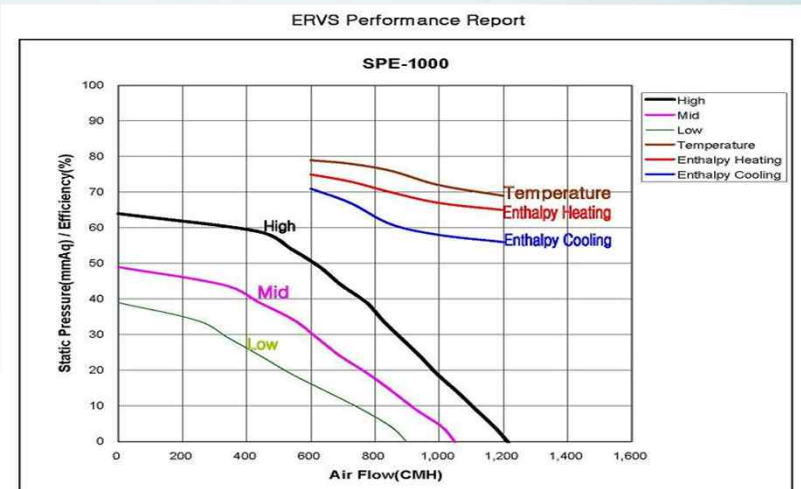
ENERGY RECOVERY VENTILATION SYSTEMS(ERVS)



MODEL : SPE-1000 (1,000 CMH)

- -Xven heat-exchange technology provides for highly effective ventilation systems with maximum heat-energy recovery. The Xven core is made up of a cross-flow, plate-fin configuration with a diagram constructed of specially processed paper. The advanced heat-transfer and moisture permeability properties of the paper contribute to maximum heat-energy recovery as air circulates through the element. This results in substantial energy savings and contributes to a more comfortable indoor environment.
- -Commercial applications
- -Ceiling concealed duct connection type
- -Plate type enthalpy core
- -Compact design
- -Excellent sound installation ensures quiet operation
- -Energy loss is minimized
- -Variable 3-Step control(BLDC Motor Control)
- -High quality air filter
- -High pressure sirocco fan

P-Q Curve & Effectiveness



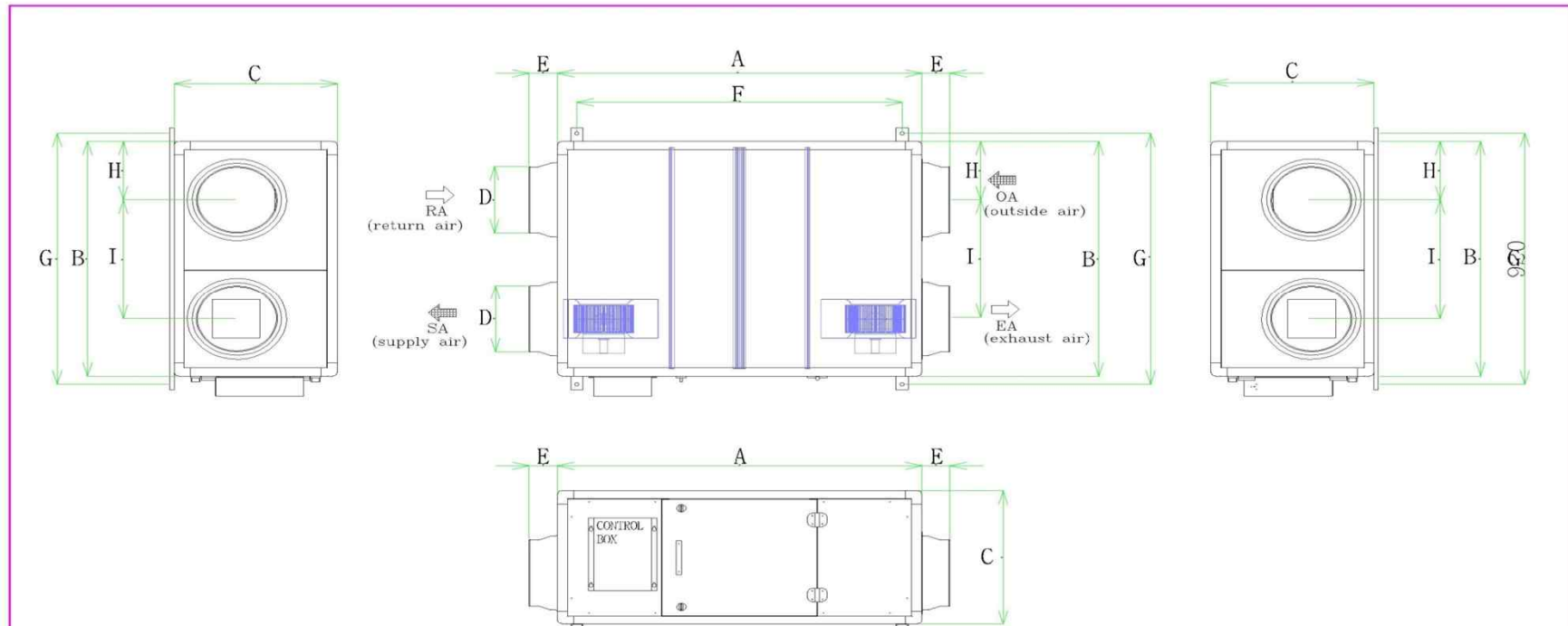
Specifications and Ratings

- - Input power : 1Ø 240 VAC, 50 Hz, 0.504 Kw
- - Effectiveness : Sensible 72.0(%), (Heating)
Enthalpy 67.5/58.0(%), (Heating/Cooling)
- -Static pressure : 18.0 mmAq/180 Pa (High Mode)
- - All duct connection : 250 Ø
- - Low noise level : 41 dB
- - Dimensions : L 1,095 * D 862 * H 490 mm
- - Weight : 72.0 Kg



ENERGY RECOVERY VENTILATION SYSTEMS(ERVS)

Dimensions : SPE -800 / SPE -1000



Dimensions

Unit: mm

	A	B	C	D	E	F	G	H	I
SPE-800	1095	862	490	250Φ	85	976	920	215	437
SPE-1000	1095	862	490	250Φ	85	976	920	215	437



ENERGY RECOVERY VENTILATION SYSTEMS SPE-800~1000

SCALE =

Drawn by	4/5	KCBT	DEC	DOOSUNG ENTECH Co., Ltd
Checked by				
Date	2010			
Project				SPE-800~1000
Sheet				External Shape Drawing
Sheet No.	61			1000-001-00



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