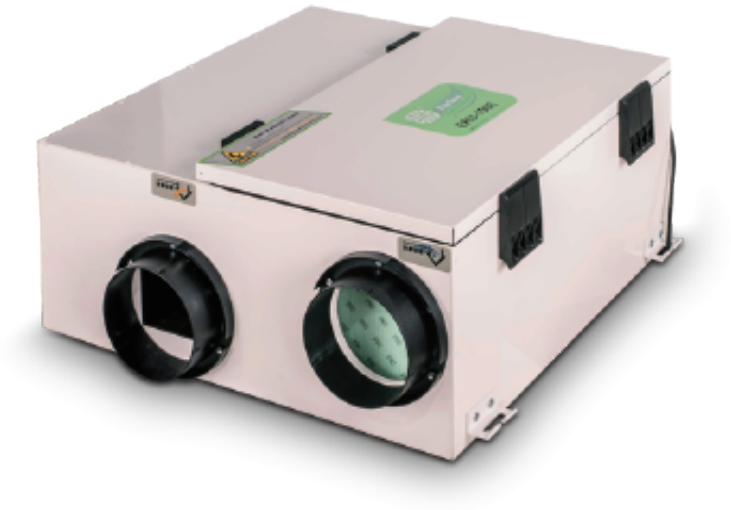


Central Heat Recovery Ventilator

APPLICATION

Whole House heat recovery ventilator, suitable for ceiling or false-ceiling installation, for horizontal mounting.

SPECIFICATION

White powder coated galvanized steel for high corrosion resistance and high surface finish.

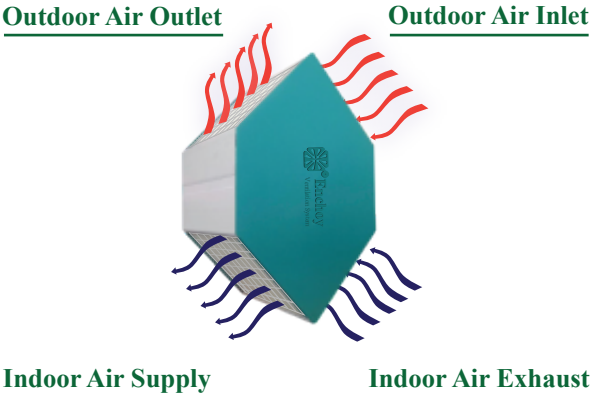
Insulated with polymer foam,Flame resistance with high efficient noise absorption.

Maintenance free and long-life motors, equipped with automatic thermal overheat protection and low energy consumption.

Forward curve centrifugal impeller, well balanced impeller integrated with motor for a perfect airflow with low noise

High efficient **heat exchanger** for maximum energy recovery.

Heat exchanger with unique energy-saving technology.



Energy recovery up to 83%

FEATURES & BENEFITS

Easy installation: Height 240mm to 500mm (including mounting brackets and drain pipe).

H Filters easy removable for cleaning/ exchange.

Automatic anti-frost protection to avoid ice from condensation

Certifications:CE, 3C and manufactured under ISO 9001:2008 quality management system.

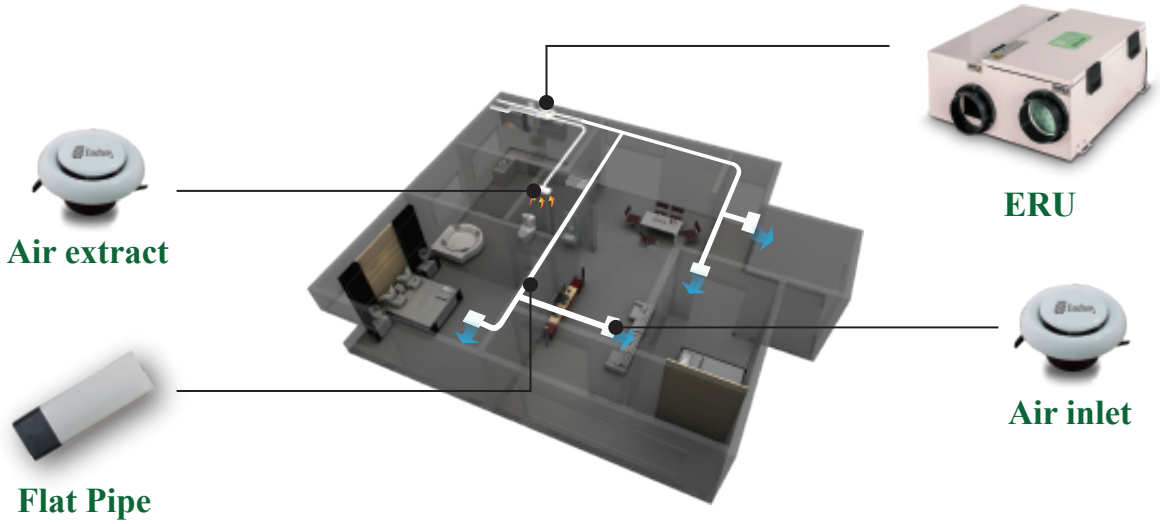
Unique Technology from Finland.No tools required for maintenance.

VERSIONS

ERU is equipped with separate digital display:

- ▼3 speed.
- ▼Controlled by WIFI/APP.
- ▼Children lock.
- ▼Weekly programming schedule.
- ▼Remote control.
- ▼Balanced airflow.
- ▼Filter replacement and warning indicator.

Example of a complete ventilation system



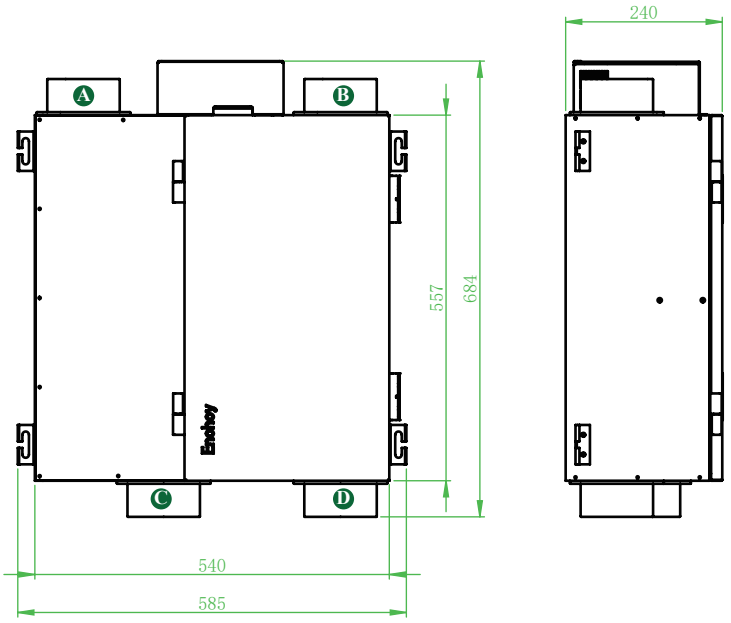
Roof Air Inlet & Roof Air Extract

Application: installation in new building
How it works: The air flow is run thru a plate heat exchanger that recovers the energy of the cooled or warmed up air inside with fresh filtered air from outside, As the fresh air is blown in to the house the energy from the inside air is recovered and will reduce the energy for heating or cooling. With a continuously running AHU the air quality will be high and energy consumption low.

Energy saving: The features of our ERU energy recovery unit are high efficiency, low energy consumption, low noise level and high reliability. ERU recovers up to 84% of the energy compared with a standard exhaust air ventilation system

Indoor Air Quality: A fresh and healthy indoor climate is crucial for our health and well-being. Achieving this requires reliable, energy-efficient and sustainable solutions. In any building used by people, the air needs to be circulated and ventilated. The air must be replaced, moved, filtered, and recover the energy.

ERU-150E Dimensions(mm)

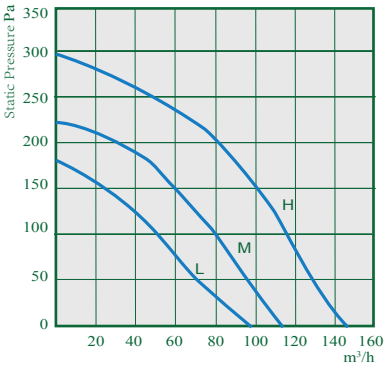


A	Supply air to inside
B	Extract air from inside
C	Exhaust air to outside
D	Intake air from outside

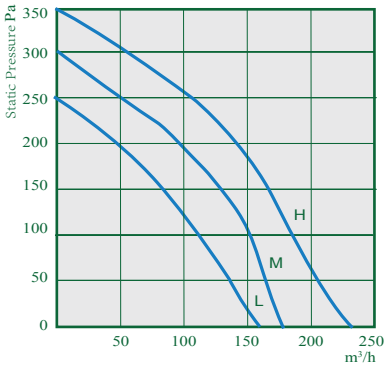
Model	ERU-150E	ERU-250E	ERU-350E	ERU-450E	ERU-650E	ERU-800E	ERU-1000E
Dimensions (L*W*H)mm	684*585*240		708*610*282		755*585*460	855*805*500	

Performance Curve

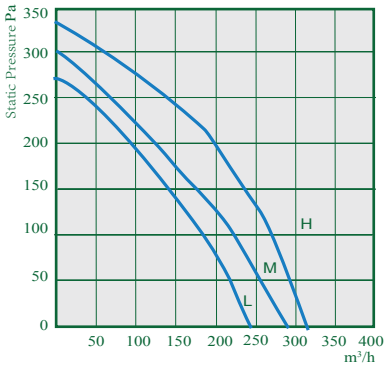
ERU-150E Air Volume-Static Pressure Characteristic Curve



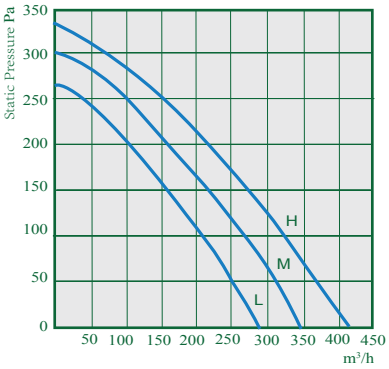
ERU-250E Air Volume-Static Pressure Characteristic Curve



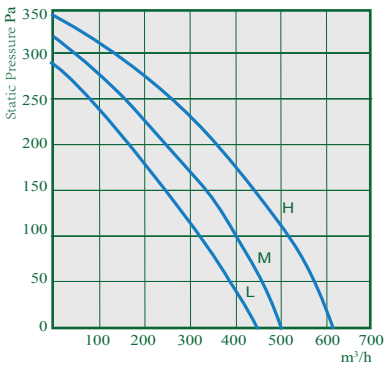
ERU-350E Air Volume-Static Pressure Characteristic Curve



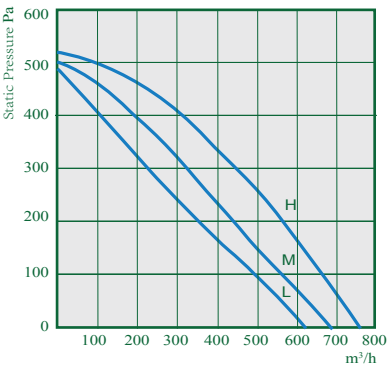
ERU-450E Air Volume-Static Pressure Characteristic Curve



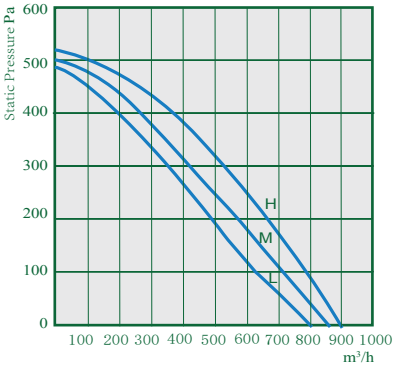
ERU-650E Air Volume-Static Pressure Characteristic Curve



ERU-800E Air Volume-Static Pressure Characteristic Curve



ERU-1000E Air Volume-Static Pressure Characteristic Curve



Main Technical Parameters

Parameter	Unit	ERU-150E	ERU-250E	ERU-350E	ERU-450E	ERU-650E	ERU-800E	ERU-1000E
Air Volume	m³/h	146	228	305	406	610	758	902
Power Supply	V/Hz	220/50	220/50	220/50	220/50	220/50	220/50	220/50
Power	W	78	84	140	192	198	228	288
Noise	dB(A)	35	36	38	41	44	46	48
Heat Exchange Rate	%	78-83	78-83	78-83	78-83	78-83	78-83	78-83
Pipe Dimensions	mm	Φ110	Φ110	Φ150	Φ150	Φ200	Φ250	Φ250
Weight	kg	22	22	26	26	36	70	72