

# ERV Energy Recovery Ventilator



A wall mounted ERV (Energy Recovery Ventilator) will replace the stale air inside your house, with fresh air from outside, preventing moisture build up and removing unpleasant odours.

Got a problem with not enough fresh air in your home, but don't want to leave windows open?

Want to let fresh air in and keep cold/hot air out?

illume technologies has the perfect answer!

The **ERV (Energy Recovery Ventilator)** core ceramic heat exchanger, brings fresh air into your home and removes stale air at the same time. Plus it brings the clean air in at ambient room temperature.

This stunning new design will introduce new air into those stale non breathing rooms.

Ideal for children's rooms, where security is vital. You can relax without the worry of unwanted intruders entering open windows. Gone are the days of mildew, stale air and condensation.

With illume technologies, the air in your home will always be fresh, even in your absence.



## FEATURES

- Efficient supply and exhaust single room ventilation
- High-tech ceramic energy accumulator with regenerating efficiency up to 90%
- Reversible EC ventilator with low energy demand 10W and safe voltage 12V
- Integrated automation
- Silent operation (20-33 dB)
- Easy mounting and servicing
- Rated for continuous operation
- No condensation generation during operation

*illume technologies  
ERV brings you the  
fresh air every  
house hold needs.*



**Air Conditioner**

**ERV Fan**



## Perfect Partners Air Conditioners and ERVs

Air conditioners regulate your indoor temperature, but have no ventilation function. This means they only circulate the indoor air, after which it is stale and dirty.

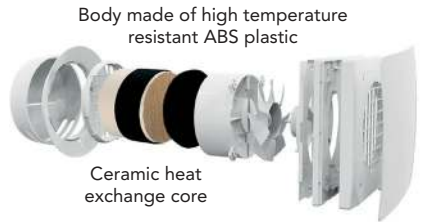
illume technologies ERV brings in clean fresh air from outside, ventilating your home.

They also maintain the indoor temperature as programmed by your air conditioner, which makes them the perfect partnership.

### Total Heat Exchange Core

The ERV core ceramic heat exchanger is rated for continuous operation, and its efficiency rating can reach 90%.

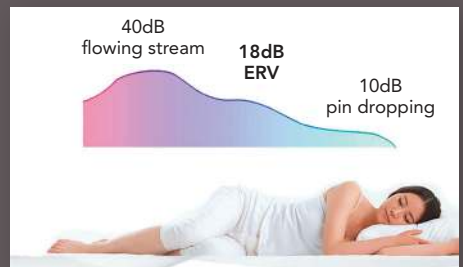
The heat exchanger produces no condensation whilst in operation.



### Ultra Low Noise

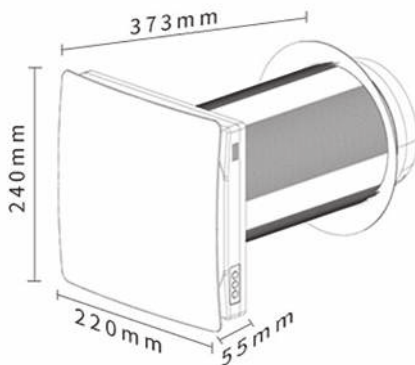
The EC motor is designed for everyday use giving long life and durability. Its DC brushless motor and aerodynamic fan blades reduce noise by 70%, resulting in operation noise as low as 18-33 dB.

Quiet operation means you'll breathe clean air during restful undisturbed sleep.



**SPECIFICATIONS**

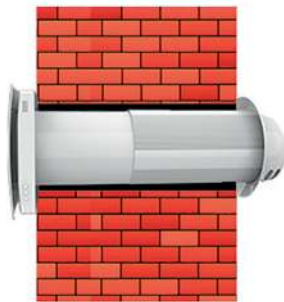
|                     |   |
|---------------------|---|
| Brand:              | illume Technologies   |
| Type:               | Energy recovery ventilator                                  |
| Voltage:            | 110V-240V   |
| Power:              | 10W   |
| Airflow:            | 60m <sup>3</sup> /h   |
| Area of Use:        | 10-20m <sup>3</sup>   |
| Noise:              | 20~33dB   |
| Panel Size:         | 24 x 220 x 55mm   |
| Heat Exchanger:     | Ceramic core  |
| Heat Recovery Rate: | Up to 90%   |
| Material:           | ABS   |
| Colour:             | White   |
| Control Method:     | Rf remote control   |
| Use:                | Heat recovery, fresh air handling unit                      |
| Function:           | External circulation, internal circulation, exhaust, intake |



**INSTALLATION SIZE**

Minimum 20cm

Maximum 35cm



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