



Decentralized ventilation system

with built-in regenerative
heat recovery core

BENEFITS

ENVI GROUP, model VTEG501 recuperators provide continuous ventilation without the need for ductwork - installed directly in the exterior wall. The heat exchanger core is charged every 65 seconds after which the fan reverses and the incoming air absorbs the stored heat on its way in. Creates a very quiet heat recovery ventilation system without the need for ducts and balancing, with specific fan efficiency that is second to none.

PRODUCT SPECIFICATIONS

The basic unit is a through wall fan, with a ceramic regenerative heat exchanger behind it. These fans provide continuous ventilation without the need for duct-work and are installed directly in the exterior wall.

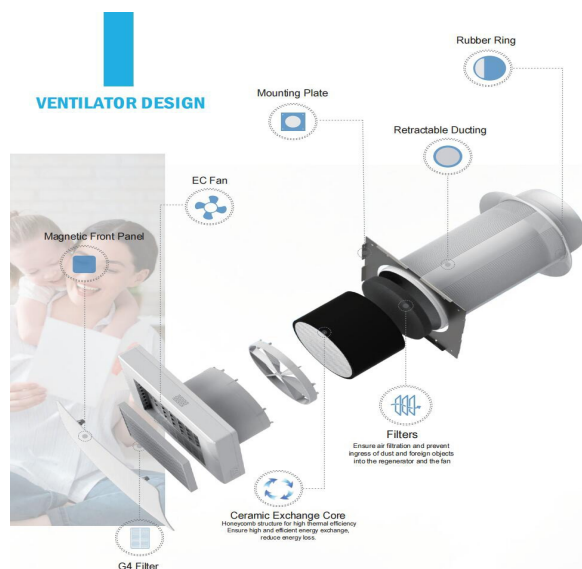
The fan's heat recovery is possible thanks to a ceramic core that is charged in a 65 seconds cycle. To learn about how VTEG501 heat recovery works, watch our short video introduction to the VTEG501 Recuperator.

TECHNICAL SPECS

Ventilation Rates	20/40/65/100 m³/h
Heat Recovery Efficiency	up to 90%
Humidity Recovery	20-30%
Specific Fan Efficiency	0.06-0.17 W/cfm
Ventilation System Efficiency	0.10 Wh/m³
Filter	G3 or optional HEPA
Sound Levels	20.0 dB/ 25.0 dB /38.0 dB

DIMENSIONS

Diameter Unit	5 7/8" (150 mm)
Exterior Diameter Tube	6 3/8" (163 mm)
Wall Thickness	standard : 200 mm-500mm
Installation Tube (can be cut)	200 mm to 500 mm
Inside Cover	240 mm x 240 mm



APPLICATION

For bathrooms it is recommended to use the VTEG501 HRV Using intermittent high efficiency exhaust fan is an option, but will decrease VTEG501 efficiency slightly during the time it is in operation. Or if the bathroom is located at an exterior wall, a pair of VTEG501 can be installed. The same principle can be applied to kitchens.



Wifi - function,
as option can
be added

