

Wall Mounted Ventilation System



ERU Wall Mounted Ventilation System

Simple and convenient---Being efficient and energy-saving, it is suitable for the decorated single room in residence and small apartment, providing a convenient and effective solution to its demand for fresh air.

High efficiency and energy saving--Through heat recovery, energy loss can be reduced in regulating indoor and outdoor air exchange, creating a separate controllable micro environment

Beautiful and durable---The white coated steel shell with polymer coating keeps the simple and elegant design of European style. It has a 10 mm rubber foam layer for sound insulation. Besides, the service panel is easy to open for maintenance.

AC motor--AC centrifugal fan is used for ventilation, because AC motor can well meet the latest engineering requirements of energy-saving and efficient ventilation; based on AC technology, the wall-mounted fresh air ventilator has low energy consumption and the motor inside can respond to the heat protector automatically. Besides, long-life ball bearing is employed in this system.

Special performance

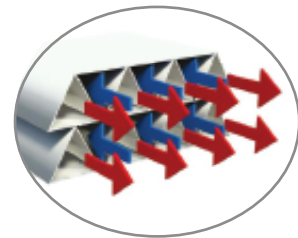
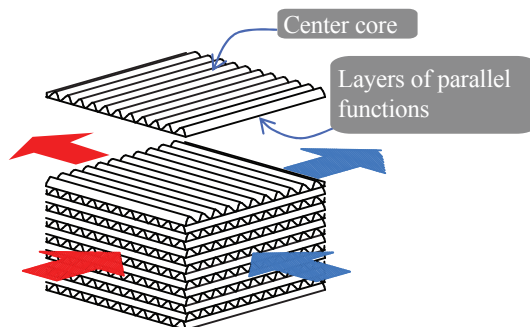
Filtration--As for fresh air, the primary filtration, active carbon filtration and high-efficiency filtration are adopted and its efficiency is as high as 99%; the filter can ensure the supply of fresh air, the prevention of dust and insects, and the possibility of corrosion

Control--The touch screen is easy to operate, and it has the function of air filter setting, fan speed setting, weekly-scheduled mode, alarm reminding for filter replacement, etc. Besides, the concise European style highlights its unique quality.

Air valve--Intelligent air valve can effectively prevent the backward flowing of hot and cold air outdoors.

All heat exchange core

All heat exchange core from Enchoy is a kind of core used for cross-flow heat exchange with high performance and low weight and the heat exchange efficiency for drying temperature can reach more than 85%. Moreover, the swirling-typed design improves the heat exchange efficiency because turbulence formed on its surface can promote heat transfer. Thus, it fully plays the advantages of the overall core for heat exchange, low pressure drop and high efficiency, and enables it to display its performance to the fullest.



The maximum area can be increased by folding-type design, which can facilitate the exchange of energy

Core element of Enchoy heat exchanger has the characteristics of fire prevention and mildew proof:

Fire prevention: is equivalent to Grade 2 (according to the test method JIS A1322 for flame retardancy of thin material used in construction)

Mildew proof: after 4 weeks' reproduction without mildew (according to the test method for mildew proof JIS Z29-11: dry method for fiber process)

Technical parameters of the system

Model	Mixed air volume m ³ /h	Heat exchange efficiency %	Power W	Filter efficiency %	Weight Kg	Power supply V/Hz	Joint pipe on the exterior wall Ømm	Outer size mm	Noise dB
ERU-W1.0	40-120	76-82	31/24/17	99	20	220V/50	2X75	600X500X171	34-42
ERU-W2.0	50-100	76-82	43/27/21	99	28	220V/50	2X75	900X310X208	34-42