



Central Ventilation Dehumidifier

ADVANTAGES

- ▼ Automatic drainage.
- ▼ 3 in 1 function, ventilation, dehumidification and purification.
- ▼ Low profile unit (245mm) for easy installation, air inlet can be combined with central air condition.
- ▼ The unit are configured with double-speed centrifugal fan, with a maximum noise of 35dB
- ▼ High-efficiency motor, save more than 30% energy compared with ordinary dehumidifier.
- ▼ Unified control and one-key setting for whole house ventilation and dehumidification; easily switch to ventilation function.
- ▼ External electric valve can be connected, to achieve inside and outside air cycle switched.

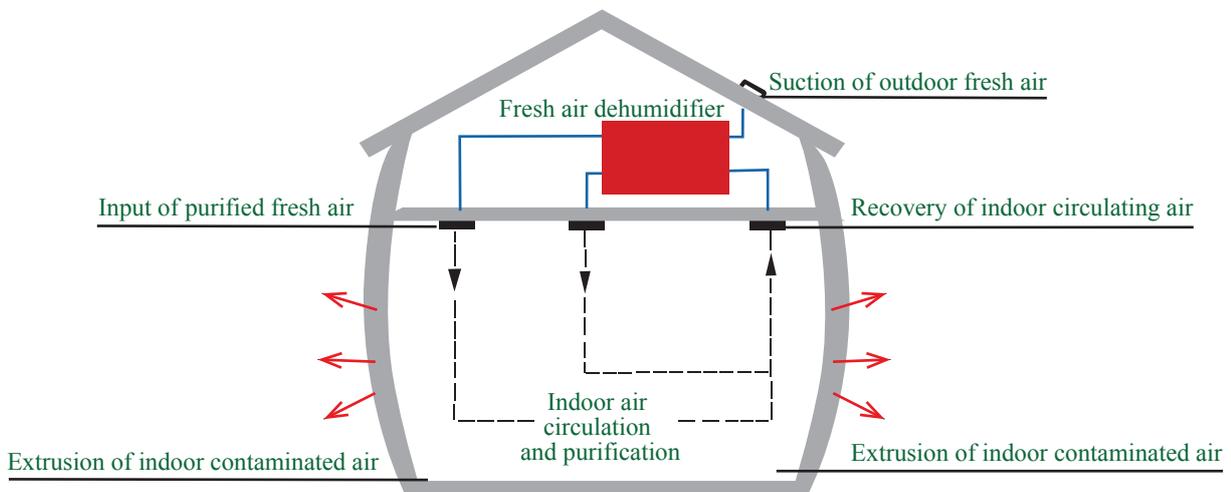
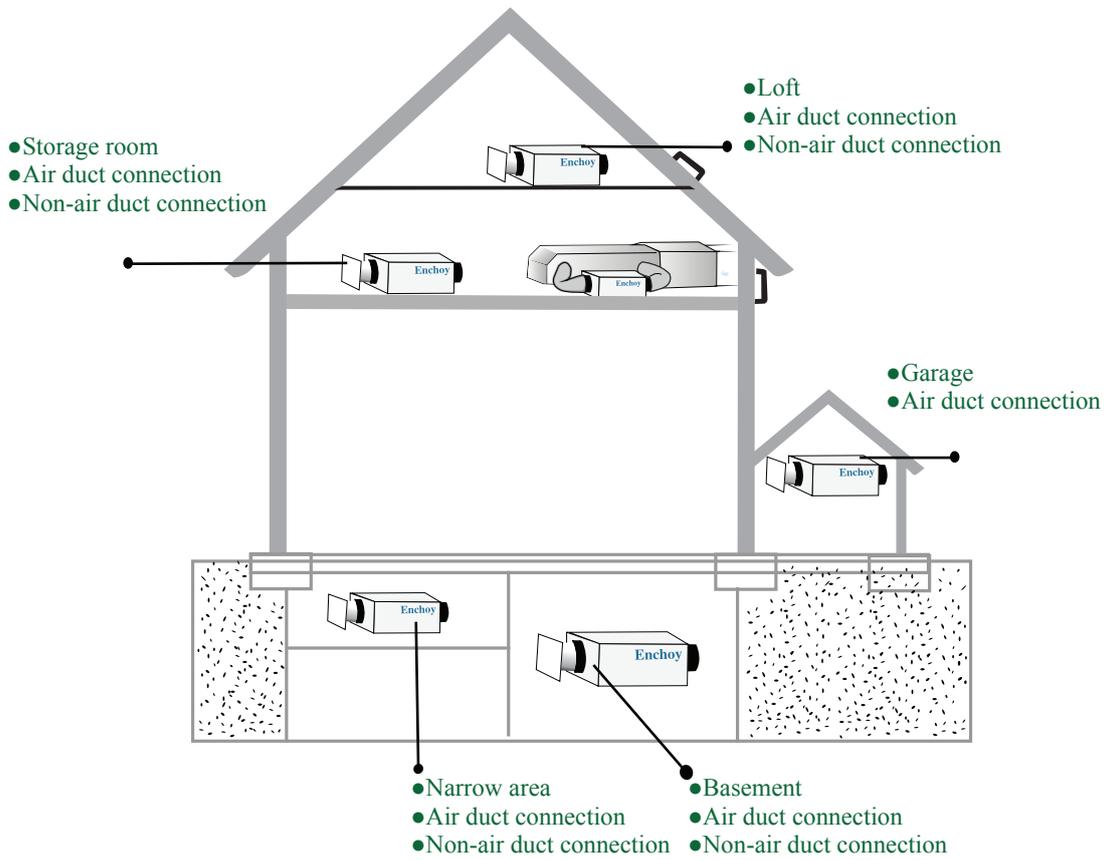
OPERATION

ERU is equipped with separate digital display:

- ▼ 2 speed.
- ▼ Controlled by WIFI/APP.
- ▼ Humidity adjustment.
- ▼ Intelligent air valve.
- ▼ Timed dehumidification.
- ▼ Temperature and humidity display.
- ▼ Automatic defrost.



EXAMPLE OF A COMPLETE VENTILATION SYSTEM



Application: new build

How It Works: Indoor air forms positive pressure when operating, effectively prevent the outdoor contaminated air from entering. The indoor moisture is dehumidified through the precooling air flow above the cooler pan inline with the cold dehumidification principle and automatically discharged through the pipe.

Ventilation and Dehumidification: Through keeping fresh air circulating through 24h continuous ventilation, control indoor humidity, improve the indoor air quality and achieve high efficiency energy saving. With the thickness of only 245mm, you no longer need to worry about the machine occupying too much space, with automatic drainage, silent operation, intelligence, ventilation and dehumidification together, it provides you a better life quality.

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, humidity and temperature balanced. 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.

MAIN TECHNICAL PARAMETERS

Parameter	Unit	EDF-30	EDF-45	EDF-65
Air Volume	m ³ /h	300	420	620
Dehumidification Amount	L/Day	32	42	54
Power	W	430	560	720
Fresh Air Volume	m ³ /h	0~120	0~180	0~250
Static Pressure Value	Pa	200	300	500
Pipe Dimensions	mm	3XΦ125 Spare Supply Air to Inside Φ125	3XΦ125 Spare Supply Air to Inside Φ125	3XΦ150 Spare Supply Air to Inside Φ150
Applicable Area	m ²	100~140	120~160	160~240
Weight	kg	43	45	48
Surface Dimensions	mm	900/650/245	900/650/245	900/650/245



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