



# Eco-Smart HEPA Energy Recovery Ventilator

Modern buildings are being built tightly to improve energy efficiency. Eco-smart HEPA ERV is ideal ventilation solution for energy efficient buildings to reduce ecological footprint and improve human health. The energy can be saved by using DC motors and improving energy efficiency with smart control system, to achieve eco friendly climatic experience.



DC Motor



High Efficiency Heat Exchanger



G3+F9 Filter



Different Pressure Gauge Alarm



Auto Bypass



Intelligent Control



## Higher Energy Efficiency and Ecology by Powerful Motors

Full series Eco Smart energy recovery ventilator are built in higher efficiency brushless DC motors, power consumption is reduced by up to 70%, resulting in significant energy saving. VSD control which is suitable for most of the projects air volume and ESP requirement.

## Smart Different Pressure Gauge Alarm

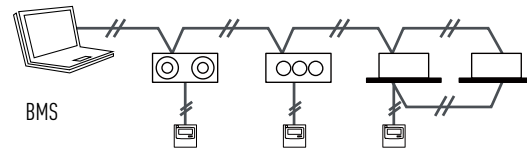
Full series is equipped with F9/F7 filters and different pressure gauge as standard, filter cleaning alarm will be activated if the filter pressure drop exceeds the maximum allowed final pressure drop.



## High Efficiency Heat Exchanger

High efficiency enthalpy heat recovery, more comfortable indoor climate.

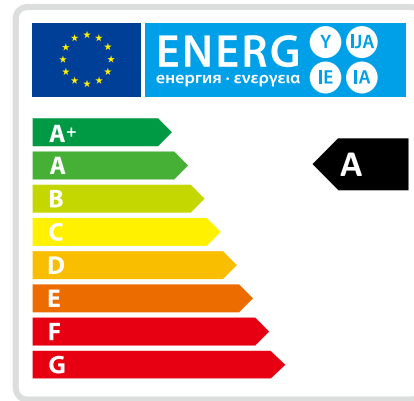
## Linkage with External A/C System or BMS Control



## Automatic Energy Recovery Ventilation or Nature Ventilation

In summer or winter when cooling or heating devices are in used. Bypass system is closed for energy recovery, when in spring or autumn when the outdoor temperature is soft, bypass system is open for nature ventilation.

## Energy Efficiency Class of A or A+ According to EU NO. 1254/2014



## Specifications


Model	Rated Airflow (m <sup>3</sup> /h)	External Pressure (Pa)	Enthalpy Efficiency (%)		Temperature Efficiency (%)	Noise dB(A)	Voltage (V)	Power Input (W)	N.W. (kg)
			Cooling	Heating					
XHBQ-D1.5DMTHA	150	70	60-65	63-70	75-80	31.5	220-240	38	25
XHBQ-D2.5DMTHA	250	90	62-71	65-73	73-81	34.5	220-240	85	27
XHBQ-D3.5DMTHA	350	140	62-70	65-73	74-82	37.5	220-240	107	33
XHBQ-D5DMTHA	500	110	63-72	67-75	76-84	39	220-240	140	38
XHBQ-D6.5DMTHA	650	100	60-67	65-71	74-82	41	220-240	160	62
XHBQ-D8DMTHA	800	140	63-71	65-73	76-82	42	220-240	188	72
XHBQ-D10DMTHA	1000	140	60-68	62-72	76-82	43	220-240	312	81
XHBQ-D13DMTHA	1300	135	58-71	59-75	74-82	43	220-240	405	81
XHBQ-D15DMTHA	1500	95	63-71	65-73	76-80	50	220-240	700	147
XHBQ-D20DMTHA	2000	115	60-68	62-72	76-82	51.5	220-240	724	167
XHBQ-D26DMTHA	2600	115	58-66	59-75	74-82	55	220-240	810	190
XHBQ-D40DMTHA	4000	230	60-68	61-71	73-81	59	380-400	2140	335
XHBQ-D50DMTHA	5000	260	60-68	61-71	73-81	68	380-400	2630	395
XHBQ-D60DMTHA	6000	300	60-68	61-71	73-81	70	380-400	3030	557

### Beijing Holtop Air Conditioning Co., Ltd.

No.158 Hanjiachuan Road, Haidian District, Beijing China

### International Marketing Center

2-1108 Industrial Plaza, Tian An Park, 555 Panyu Ave., Guangzhou, China

 [www.holtop.com](http://www.holtop.com)  
 [info@holtop.com](mailto:info@holtop.com)  
 0086-20-39388201

