

5 years
warranty
for motors

GB
GB/T 21087-2007



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Eco Slim

Energy Recovery Ventilator

Beijing Holtop Artificial Environment Technology Co., Ltd

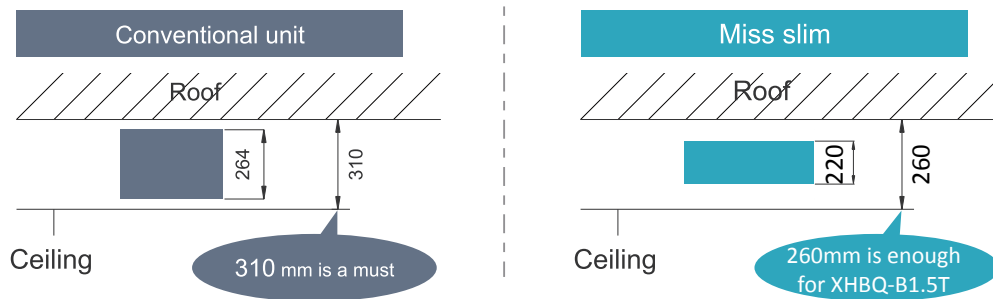
High efficiency DC motors design

- High efficiency, energy saving by 20-60%
- Good liability and stability
- Easy maintenance
- Longer service life
- Strong vibration resistance with lower noise and smooth operation
- Superior torque performance, big starting torque with less starting current



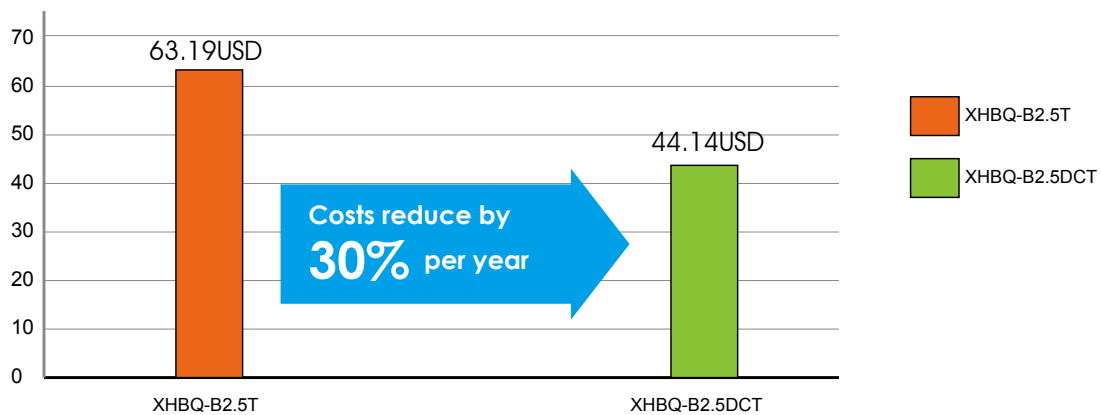
Super slim design, minimizing installation space

With a thickness from 220mm to 230mm, installation can be made with 260mm to 270mm ceiling.



Energy saving

Running costs comparison of Miss Slim ERV and Eco Slim ERV



Conditions:

Location:	Beijing
Airflow:	250m ³ /h
Summer:	24h/day x 122days = 2928h (Jun. To Sep.)
Winter:	24h/day x 120days = 2880 (Nov. To Mar.)
Electric charge:	0.08 USD/Kw.h

Quiet operation

- High quality motor

Japanese NSK specially used bearing
longer service life
less operating noise
Closed construction
5 years warranty

- Stable operation of blower

Blower made of ABS
Moulding production
Good dynamic balance

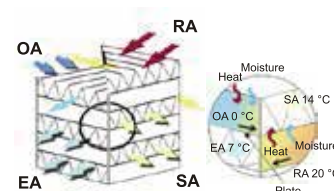


High energy recovery efficiency



Equipped with Holtop crossflow energy exchanger with following features:

- Higher energy exchange efficiency
The heat recovery efficiency is up to 82% in winter.
- Flame retardant and mildew resistance
- Selective molecule permeability






Easy installation and maintenance

The maintenance space below requires 550*550mm only, saving installation works and easy to maintain.

Heat exchanger and filters can be drawn out for maintenance.



Specifications

Model	Fan speed	Airflow (m³/h)	E.S.P (Pa)	Temp. efficiency (%)		Enthalpy efficiency (%)		Nose dB(A)	Volt (V)	Current (A)	Input power (W)	Weight (kg)	Picture
				Cooling	Heating	Cooling	Heating						
XHBQ-B1.5DCT	5	150	100	72	80	59	73	31.5	220	0.45	65	22	
	4	120	80	73	82	61	75			0.46	50		
	3	90	60	75	84	62	77			0.34	45		
	2	60	40	77	86	63	78			0.24	30		
	1	30	20	78	88	64	80			0.17	15		
XHBQ-B2.5DCT	5	250	85	62	73	55	68	34	220	0.82	95	25	
	4	200	68	64	75	57	70			0.59	70		
	3	150	50	67	78	60	73			0.41	50		
	2	100	35	70	81	63	76			0.28	30		
	1	50	25	73	84	66	78			0.2	20		
XHBQ-B3.5DCT	5	350	140	65	76	57	68	37	220	1.28	155	35	
	4	280	110	66	79	60	70			0.91	130		
	3	210	85	69	82	63	74			0.59	90		
	2	140	55	71	86	67	78			0.35	65		
	1	70	35	73	89	69	82			0.22	40		

Remarks:

1. The input power, current and temp. efficiency are tested under standard airflow.
2. The noise are tested 1.5m below unit in a semi-anechoic noise testing room. And due to the effect of the ambient noise, it's bigger in the actual applications.