

TUMÄ

Eco DC Brushless Ventilation Fan





“TUMÄ” is a pursuit of craftsmanship and minimalist beauty in German design.

“TUMÄ” is a German acronym for “Technik” (Technology), “Umgebung” (Environment), “Mensch” (Humanity), and “Ästhetische” (Aesthetic). It is a brand appeal for craftsmanship and minimalist beauty. It is also connected to technology, environment and user-friendliness.

“TUMÄ” derives its core technology from Sunon’s motor technology.

SUNON focus for more than 35 years on the DC motor research and development. Today SUNON has become the best thermal solution provider for clients across various industries, such as IT, automobile electronics, optical electronics, and network communication, LED, among other industries. In 2011, SUNON’S Mighty Mini Fan accomplished NASA experiment in outer space.

The elite “TUMÄ” product design team.

The “TUMÄ” team comes from engineers with rich motor development experience, as well as from international product design awards winning designers. The team desires to create a German style ventilation product which incorporates brand-new motor technology, hydrodynamics, craftsmanship, and minimalist aesthetic. We try to combine air quality with aesthetic and bring your experience in ventilation products to a new level.

Features




Energy-saving
Technological evolution

Due to DC motor technology, Eco DC brushless ventilation fans operate ultra-quiet and uses approximately five times less energy than conventional fans. Those DC models ensure the ultra-low power consumption down to 4.5W compared to AC motor.

Ventilation Fan	Conventional (AC Fan)	TUMÄ (DC Fan)
Motor Type	AC motor	DC motor
Noise	45 dB(A)	32 dB(A)
Power consumption	24W	4.5W

Lower noise
Energy Saving 80%




Safety Protection

- 110 & 220VAC compliance
- Safety auto-restart motor
- Backdraught shutter included



Complies with Building Regulations

- Fireproof Materials
- Use anti-flame resin UL94V-0



Stylish design, space-saving

TUMÄ ventilation offers a line of recessed fan/lights and provides an unprecedented ease of use. It will blend perfectly into the decor of any room.



3 year limited warranty

Suitable locations :

Suitable for Bathrooms / Showering rooms / Toilets / Kitchens / Apartments / High rise / Cottages / small offices

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※ W : White / Y : Warm white

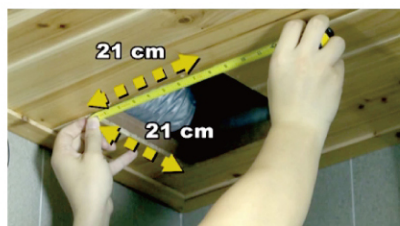
Model	BVE120A001	BVE120A004	BVE120A005 (W / Y)	BVE120A006 (W / Y)
Mounting Dimensions (mm)	210×210×165 mm	210×210×165 mm	210×210×165 mm	210×210×165 mm
Duct Dimensions (mm)	Ø100 mm	Ø100 mm	Ø100 mm	Ø100 mm
Power Rating (V/Hz)	110-220 (V) , 50-60 (Hz)	110-220 (V) , 50-60 (Hz)	110-220 (V) , 50-60 (Hz)	110-220 (V) , 50-60 (Hz)
Power Consumption (Watts)	4.5 W	4.5 W	Vent Fan 4.5 W , LED downlight 12W	Vent Fan 4.5 W , LED downlight 12W
Air Flow (m ³ /h)	120 m ³ /h	120 m ³ /h	120 m ³ /h	70 m ³ /h
LED Color Temperature	-	-	W (6000K) 、 Y (3000K)	W (6000K) 、 Y (3000K)
Noise (dB(A))	32 dB(A)@1m	29 dB(A)@1m	29 dB(A)@1m	35 dB(A)@1m
Weight (Kg)	1.5 kg	1.7 kg	2.0 kg	1.5 kg

※ Specifications are subject to change without notice. Product specifications are reference only.

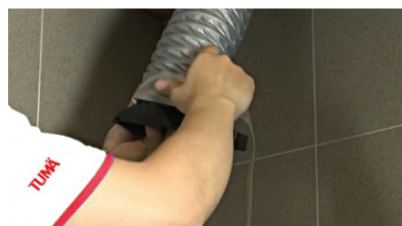
Patent No. : ZL201320715356.4, ZL201320714973.2, ZL201330476885.9, ZL201330476884.4, ZL201330364650.0, ZL201420286641.3, ZL201420157902.1, ZL201420310661.X, D162170, D161521, D162171

Installations

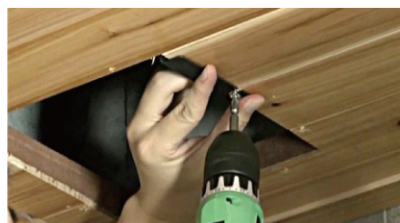
1. Built wooden frame on the ceiling.



2. Pull existing ductwork into duct connector tape all ductwork connections to make them secure and airtight.



3. Insert tab slot in wooden frame and secure using self-tapping screw.



4. Grille attachment.



Using fireproof materials

Burning test shown that only TUMÄ ventilation fan won't catch on fire.





German inspired design
Elegant & Stylish ventilation fan concept.

www.sunon.com/index2/TUMA

