

## Full Metal Case Ceiling Duct Ventilation Tubular Exhaust Fan

Our Product Introduction

for more products please visit us on [zd-fan.com](http://zd-fan.com)

### Basic Information

- Place of Origin: China Foshan
- Brand Name: Available for ODM
- Certification: CE
- Model Number: BPT10-12
- Minimum Order Quantity: 1
- Price: Contact Us
- Packaging Details: Carton packaging 1 units per carton
- Delivery Time: 3-8 work days
- Payment Terms: T/T
- Supply Ability: 5000

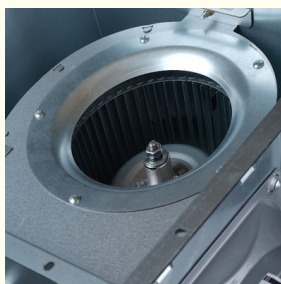
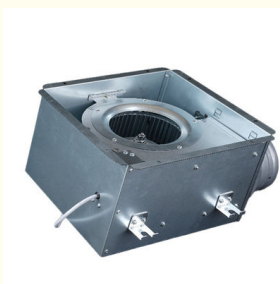


### Product Specification

- Type: Axial Flow Fan
- Applicable Industries: Hotels, Building Material Shops, Home Use, Retail, Construction Works
- Mounting: Ceiling Mounting
- Motor: Capacitor Copper Wire Motor
- Noise: MAX 45 DB
- Voltage (V): 220V
- Air Flow: 120-500 M<sup>3</sup>/h
- Highlight: ventilation inline duct fans, ventilation inline extractor fan, 220v inline duct fans



### More Images



## Product Description

### Product Overview

The ceiling-ducted ventilation system is a modern overhead airflow solution engineered for contemporary residential and commercial settings. Featuring an innovative airflow channel design and optimized circulation dynamics, this unit delivers whisper-quiet operation while maintaining exceptional environmental comfort in living spaces, offices, and retail establishments.

#### Key Features

##### Enhanced Energy Efficiency

Utilizes precision-engineered brushless motor technology for 40% reduced energy consumption and vibration-free performance.  
Customizable 5-stage speed settings adapt to diverse airflow demands, from gentle circulation to rapid ventilation.

##### Acoustic Optimization

Aerodynamically refined blades combined with noise-dampening motor housing achieve <25dB operation, equivalent to rustling leaves.  
Anti-resonance mounting system eliminates operational vibrations.

##### Premium Construction

Corrosion-resistant aluminum alloy housing with IP54-rated durability for humid or dusty environments.  
Dual-layer thermal protection system automatically disengages power during abnormal temperature fluctuations.

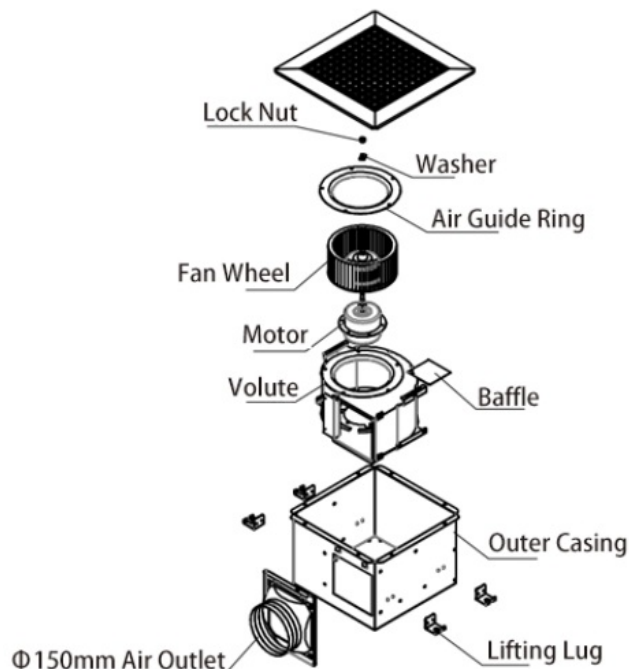
##### Simplified Installation

Modular components with pre-drilled alignment guides and tool-free connectors enable 90-minute average installation time.  
Compatibility with standard 6"-12" circular ducting systems (accessories included).

##### Certified Safety

ETL/CE-certified electrical system with automatic fault detection.  
Non-sparking motor design meets Class 1 Division 2 hazardous location standards.

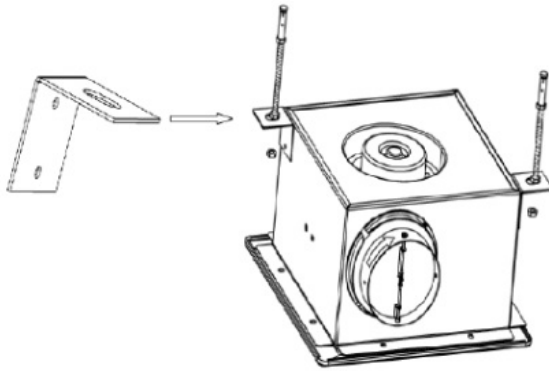
## General assembly Drawing



### Installation Protocol

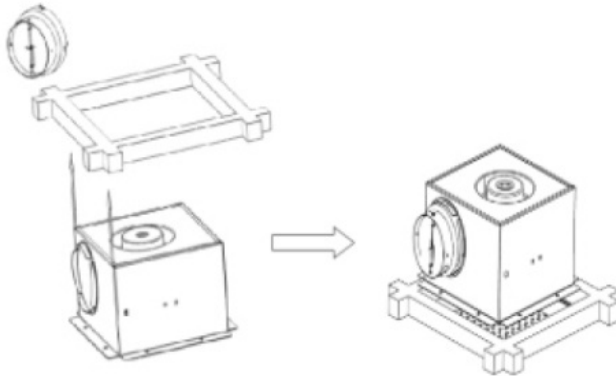
#### Phase 1: Structural Preparation

Construct a robust rectangular framework using provided corrosion-treated steel brackets, ensuring load-bearing compliance with local building codes (minimum 50lb/sq.ft capacity).



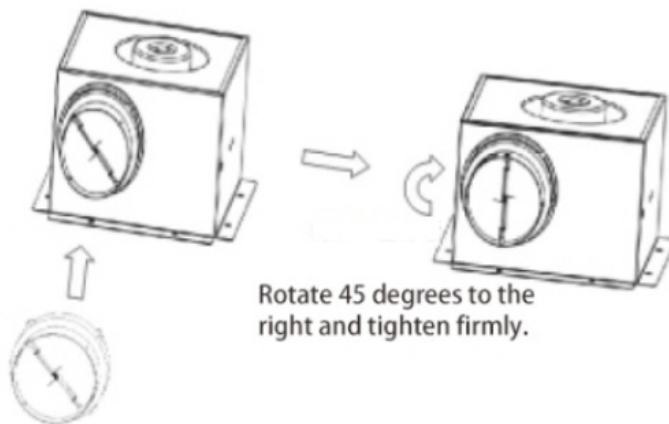
### Phase 2: Unit Integration

Mount the primary ventilation module to the pre-assembled support structure using vibration-isolation fasteners (included), maintaining 3" minimum clearance from combustible materials.



### Phase 3: Ductwork Interface

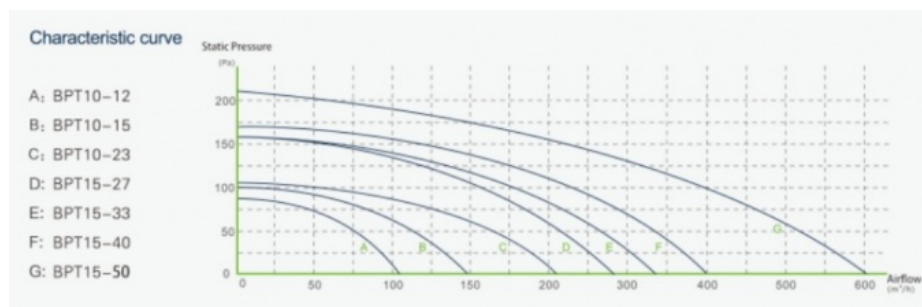
Align the directional flow indicator on the duct collar with the cabinet's exhaust port arrow mark. Engage the bayonet-style coupling mechanism with a ¼ clockwise rotation until the safety latch audibly clicks, confirming airtight sealing.



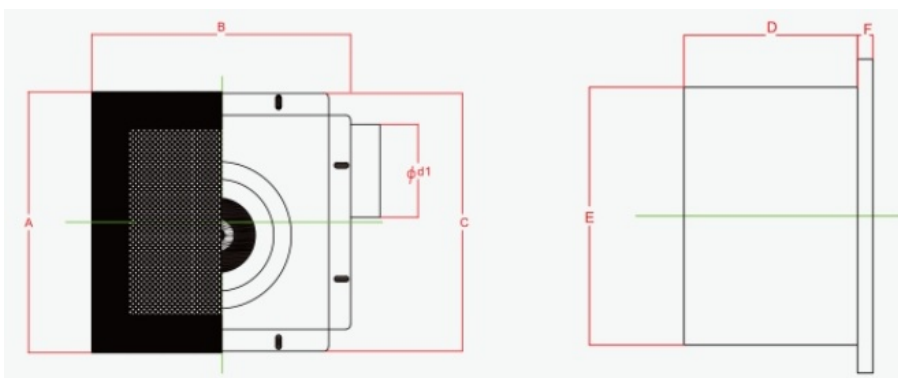
Rotate 45 degrees to the right and tighten firmly.

Fasten the air duct interface to the air inlet and outlet.

## Product Performance Curve




### Product Performance Specifications



Model Num	A	B	C	D	E	F	Cutout Dimensions
BPT10-12	280	280	277	155	230	14	230*240
BPT10-15	280	280	277	155	230	14	230*240
BPT10-21	280	280	277	155	230	14	230*240
BPT15-27	380	380	341	224	306	14	306*306
BPT15-33	380	380	341	224	306	14	306*306
BPT15-40	380	380	341	224	306	14	306*306
BPT15-60	380	380	341	224	306	14	306*306

 **ZhongDian** Guangdong Zhongdian Jiajin Environmental Technology Co., Ltd.

 0085246403891

 sales001@zd-fan.com

 zd-fan.com

Xizi Industrial Zone, Lishui Town, Nanhai District, Foshan City, Guangdong Province, China