

Robust Systems for Large Indoor Aquatic Centers and Compact Solutions for Intimate Spaces

Our Product Introduction

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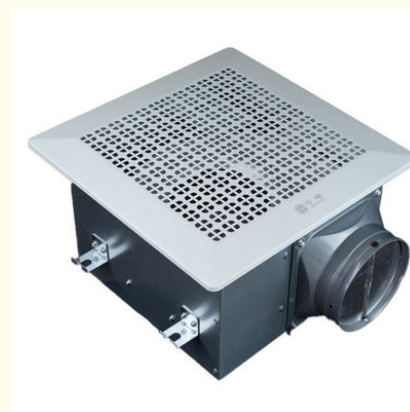
Basic Information

- 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

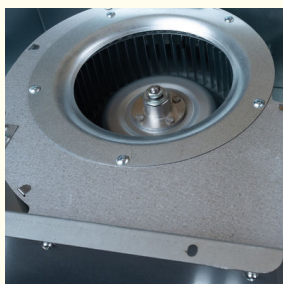
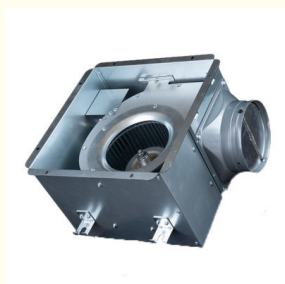


Product Specification

- Type: Ceiling Exhaust Duct Blower Fan
- Applicable Industries: Exhaust Ventilation
- Mounting: Ceiling Mounted
- Motor: Capacitor Copper Wire Motor
- Noise: MAX 45 DB
- Voltage (V): 220V
- Air Flow: 120-500 M³/h
- MOQ: 30 Set
- Feature: Low Noise, High Air Pressure, High Quality Motor
- Highlight: 220v inline duct fans, 220v inline extractor fan, ventilation inline duct fans



More Images



Product Description

Product Overview

Transform your indoor environments with precision-engineered ventilation systems, designed to combat humidity in high-moisture zones like bathrooms, laundry rooms, and indoor aquatic facilities. Our range offers adaptable solutions for spaces of all scales—from compact powder rooms to large-scale leisure complexes. Featuring both direct-mount and in-line configurations, these units deliver unmatched efficiency in capturing airborne moisture and odors, redirecting them outdoors via low-profile duct networks to preserve indoor air purity and comfort.

Key Innovations

Whisper-Smart Acoustics

Advanced noise-dampening technology reduces operational sound to <25 dB, enabling near-silent air exchange without compromising airflow rates (up to 150 CFM).

Intelligent Humidity Management

AI-optimized airflow algorithms dynamically adjust ventilation intensity based on real-time moisture detection, balancing energy efficiency with rapid dehumidification.

Industrial-Grade Construction

Corrosion-Resistant Housing: 304-grade stainless steel casing with powder-coated finish ensures longevity in high-humidity environments.

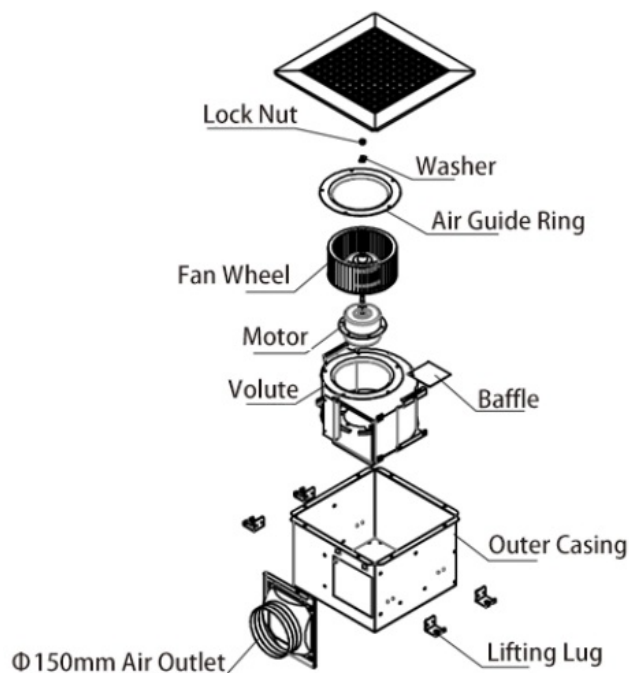
Self-Maintaining Motor: Permanently lubricated, thermally protected dual-ball bearing motor supports 24/7 operation with a 50,000-hour lifespan.

Modular Installation System

Pre-engineered mounting brackets (adjustable 18–24" span) simplify ceiling integration.

Tool-free duct connectors with gasket-sealed twist locks eliminate air leakage risks.

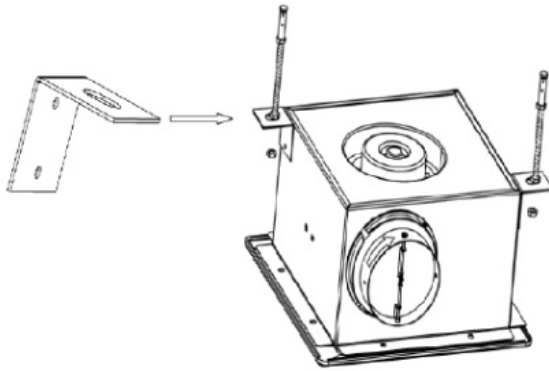
General assembly Drawing



Product Installation Method

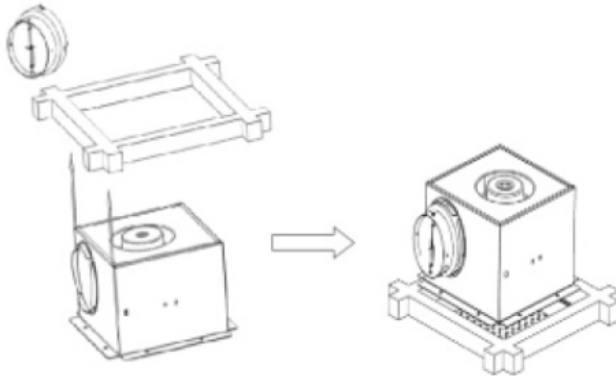
Stage 1: Structural Reinforcement

Construct a load-rated aluminum alloy frame, anchored to ceiling support beams using galvanized steel fasteners (shear strength ≥ 800 lbs).



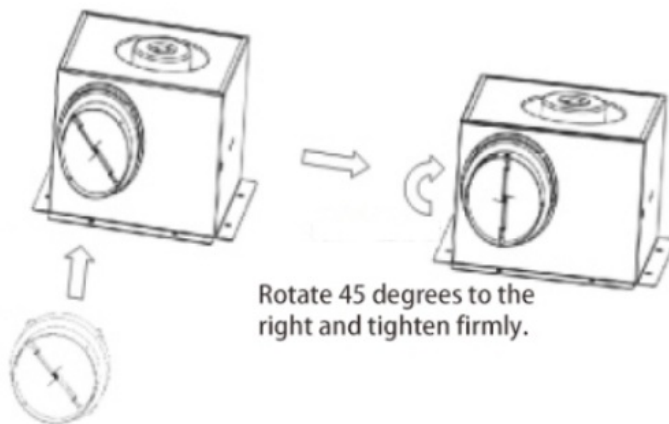
Stage 2: Unit Assembly

Secure the fan enclosure to the frame via anti-vibration isolators, ensuring ≤ 0.5 mm alignment tolerance for noise-free performance.



Stage 3: Duct Integration

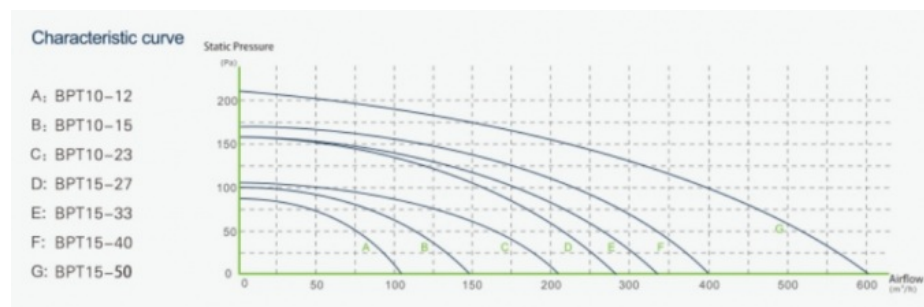
Align the duct adapter with the embossed airflow vector (\rightarrow), then engage the dual-stage twist-lock mechanism to achieve an IPX4-rated seal at the cabinet's exhaust interface.



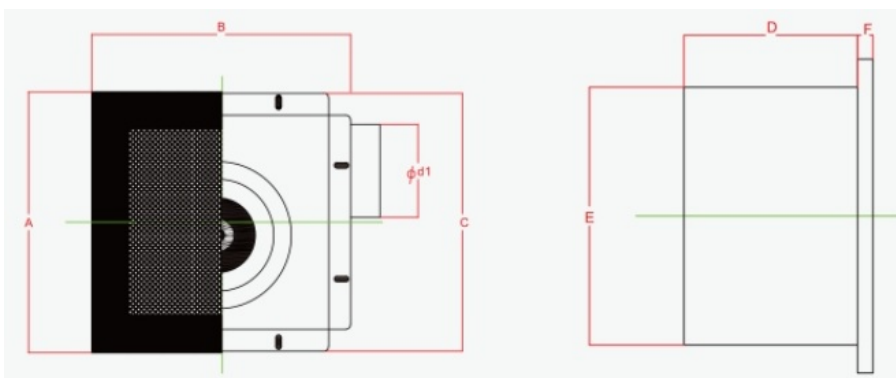
Rotate 45 degrees to the right and tighten firmly.

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

APPLICATIONS

- Clean Room
- Lab
- Packing Room
- Production Area

 **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