

## Blower Impeller

We produce METALLECA® blower impellers that are matched with blower housings. All of them are required by the same customers. The materials used for blower impeller in the market are no longer limited to the steel or pig iron. Our production of blower impeller is made aluminum alloy and common carbon steel, since the characteristic of lightweight stainless steel and aluminum alloy is gradually used in current. Blowers are widely used for ventilation, dust exhaust and cooling in factories, mines, tunnels, cooling towers, vehicles, ships, and buildings. For example, ventilation and induced air for boilers and industrial furnaces; cooling and ventilation in air conditioning and household appliances; grain drying and selection; wind tunnel and hovercraft Inflation & propulsion, etc. The blower housing is asked to show high specifications in appearance, performance, assembly and other aspects, regardless of the general requirement. There is a rigorous production process from blank to machining process. In the casting process, we focus on mold design, pouring temperature, aluminum and molten steel clarity (exhaust gas, slag removal), pouring speed, blank surface treatment. In the manufacturing process, we also consider the rationality and stability of fixture design, the machining precision of critical dimensions, the rationality of turnover (method, protection, etc.), and the standard packaging and pallet methods to the final shipment.



## Product Description

These are related to the METALLECA® Blower Impeller news, in which you can learn about the updated information in Blower Impeller, to help you better understand and expand Blower Impeller market. Because the market for Blower Impeller is evolving and changing, so we recommend that you collect our website, and we will show you the latest news on a regular basis. We enjoy a reputation of quality, ethics and service.

### High Quality Blower Impeller Made in China

With our excellent management, strong technical capability and strict quality control system, we continue to provide our clients with reliable quality, reasonable prices and excellent services. We aim at becoming one of your most reliable partners and earning your satisfaction for Big discounting China Customized Aluminum Alloy Die Casting Motor Fan Impeller, We warmly welcome enterprise partners from all walks of daily life, be expecting to establish helpful and cooperative enterprise contact along with you and accomplish a win-win aim. Big discounting China Impeller, Aluminum Die Casting, Merchandise have been exported to Asia, Mid-east, European and Germany market. Our company has constantly been able to update the items

performance and safety to meet the markets and strive to be top A on stable quality and sincere service. If you have the honor to do business with our company. we'll undoubtedly do our very best to support your business in China.

### 1.METALLECA® Blower Impeller Introduction

Blowers can be classified into several types according to their materials. Such as iron casing (common blower), fiberglass reinforced plastic (FRP), plastic, aluminum, stainless steel, and so forth.

The manufacturing of the blower housing is adopted four kinds of casting processes: sand casting, gravity casting, low pressure casting, and die casting. The process selection of specific qualitative is based on customer's technical standards, and then selects the reasonable production process.

At present, our blower housing and impeller production is matched with the customer's ventilation and cooling equipment. The material is mainly aluminum alloy, and the annual usage is 1,500PCSs!

### 2.METALLECA® Blower Impeller Parameter (Specification)

Production process	Material	Strength	Application
Sand casting	ASTM A356.2 ZL104	Complex structure Equipment lightweight	Ventilator Blower
Gravity casting	ZL102	Good heat dissipation	Wind Turbine
Low pressure casting		Strong corrosion resistance	
Die casting	ADC12/A380	Wide range of applications	

### 3.METALLECA® Blower Impeller Feature And Application

The blower is a driven fluid machine that relies on the input mechanical energy to increase the gas pressure and discharge the gas.

The general term for gas compression and gas conveying machinery can be called ventilator, blowers, and wind generators in China.

At present, the blower housings on the ventilation equipment that our company provides turbine types for customers are including centrifugal, axial flow, mixed flow, cross flow, etc.

The main features are as follow:

Centrifugal blower: Higher pressure, but lower air volume

Axial flow blower: Higher air volume, but lower pressure

Mixed flow blower: Air volume and pressure between centrifugal and axial blower

Cross flow blower: Higher pressure with contraction airflow

Performance parameters: flow, pressure, power, efficiency and speed

### 4.METALLECA® Blower Impeller Details

Production Process: gravity casting/ low pressure casting/ die casting + machining + surface treatment

Materials: aluminum alloy ASTM A356.2/ZL102/ZL104/ADC12

Surface treatment: shot blast, spray paint, oxidation

Surface requirements: customize

### 5.Product Qualification



## 6. Deliver, Shipping And Serving

Transportation: by sea, by rail, by air

Shipping: pallets (plywood or fumigated wood), wooden case + lid + carton + corner protector + PE film

Delivery: FOB Ningbo or Shanghai recommend

Workshop photos: Machining equipment & Pouring

