

## Fan Housing

The materials used for METALLECA® Fan Housing in the market are no longer limited to the steel or pig iron. Our production of Fan Housing 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 Fan Housing is asks to show high specifications in appearance, performance, assembly and other aspects, regardless of the general requirement.



## Product Description

You can rest assured to buy customized METALLECA® Fan Housing from us. We look forward to cooperating with you, if you want to know more, you can consult us now, we will reply to you in time! We have achieved remarkable success in this domain as a result of our focused approach, timely delivery, and ethical company philosophy.

### Low Price Fan Housing Made in China

## Fan Housing 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 METALLECA® Fan 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 Fan Housing production is matched with the customer's ventilation and cooling equipment, The material is mainly aluminum alloy, and the annual usage is 1,500PCSs!

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.

### Fan Housing Parameter (Specification)

Production Process	Material	Strength	Application
sand casting	ASTM A356.2 ZL104	Complex structure	Ventilator Blower
gravity casting		Equipment lightweight	
low pressure casting	ZL102	Good heat dissipation	Wind Turbine
die casting	ADC12/A380	Strong corrosion resistance	
		Wide range of applications	

### Fan Housing 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 METALLECA® Fan Housings on the ventilation equipment that our company provides turbine types for customers are including in centrifugal, axial flow, mixed flow, cross flow, etc.

There are main features 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.

### Product 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

### Product Qualification

Matching photos:



Product photo:



### **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

