

Product Specification

Fan Type	AC Backward Curved Centrifugal Fan
Model	BL-B190A-2E-A01-01

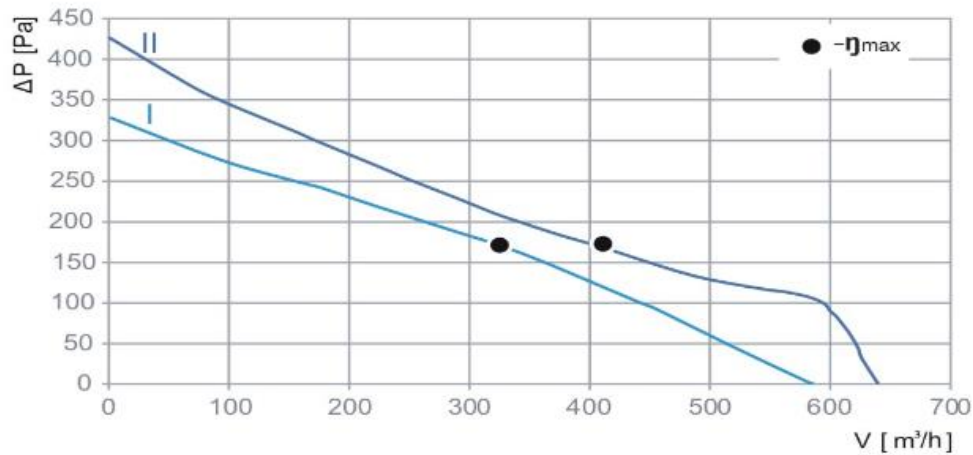
Basic Parameters

Rated Voltage	VAC	230	230
Capacitance	~	1.5μF/450V	1.5μF/450V
Frequency	Hz	50	60
Rated Speed	RPM	2430	2530
Max. Input Power	W	65	80
Max. Input Current	A	0.3	0.35
Sound level	dBA	62	64
Min. Ambient Temperature	°C	-25	-25
Max. Ambient Temperature	°C	60	60

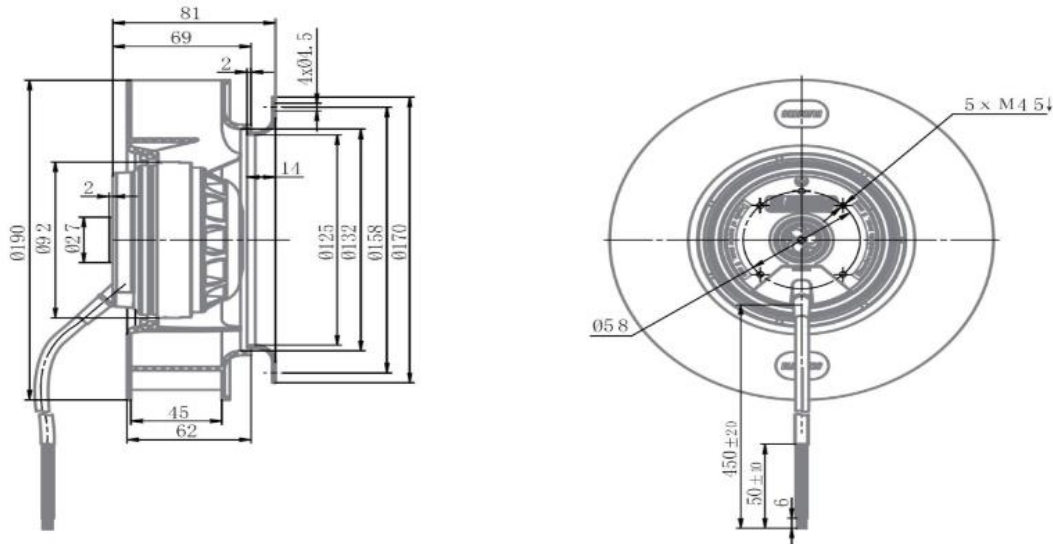
Technical Features

Dimensions	190*190*81 mm
Material of Impeller	Plastic
Direction of Rotation	Clockwise, Seen on Rotor
Surface of Rotor	Plastic Spraying
Type of Protection	IP44
Insulation Class	B
Operation Mode	S1
Bearing Type	Ball Bearing
Length of Cable	450±20mm
RoHS	All Material According with RoHS
Min./Max. Humidity	5% - 90% RH
Motor Type	External Rotor AC Motor
Deviation of Impeller in Axial Direction	≤ 0 . 5 mm
Deviation of Impeller in Radial Direction	≤ 0 . 5 mm

Air Performance



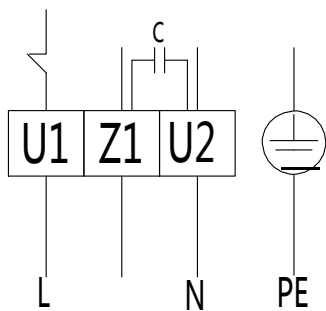
Outline Drawing



Wiring Diagram

Line	Connection		Color	Function
Power Line	PE		GreenYellow	Protective Earth
	U1	L	Blue	Live Wire
	Z1		Brown	Capacitive connection Wire
	U2	N	Black	Neutral & Capacitive connection Wire

Power Line



U1 Blue
 U2 Black
 Z1 Brown
 PE GreenYellow

Additional Notes

- Persons lacking physical, mental or sensory abilities and appropriate practical experience or expertise cannot use the fan unless directed by a person responsible for its safety. Keep out of reach of children.
- If the power line is damaged, the manufacturer must replace the power cord;
- As a part of the fan, the motor cannot be used alone without impeller or load;
- After the product packaging has been disassembled, it should be repackaged if it needs to be kept in storage. The product shall be stored in a clean, well-ventilated warehouse with ambient temperature of $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$, relative humidity of no more than 95%, no corrosive gases in the air, and 15cm above the ground;
- Please read this technical specification carefully before using it.