

SE-A100-H02

LITELINE EC Mix Flow Inline Fans



PREMIUM AIR MOVEMENT SOLUTIONS

- Lightweight plastic housing for easier installation.
- Fully sealed motor PCB with **IP68** protection.
- Ideal for high-humidity environments such as grow tents, bathrooms, and coastal areas.
- Compatible with various control signals for centralized system integratio.

Specifications

PARAMETER	SPECIFICATION
Model	SE-A100-H02
Fan Size	4 inch / 100 mm
Net Weight	0.7 KG
Rated Voltage	110–120 VAC / 220–240 VAC
Max. Power Consumption	18 W
Frequency	50/60 Hz
Max. Speed	5000 RPM
Max. Airflow	160 CFM / 275 M ³ H
Max. Static Pressure	34 mmH ₂ O / 334 Pa
Max. Noise Level	51.6 dBA
IP Rating	IP68
Housing	Plastic
Motor Type	EC Motor

NOTE:

The noise value is the measured value at the distance of 3 meter from the fan inlet.

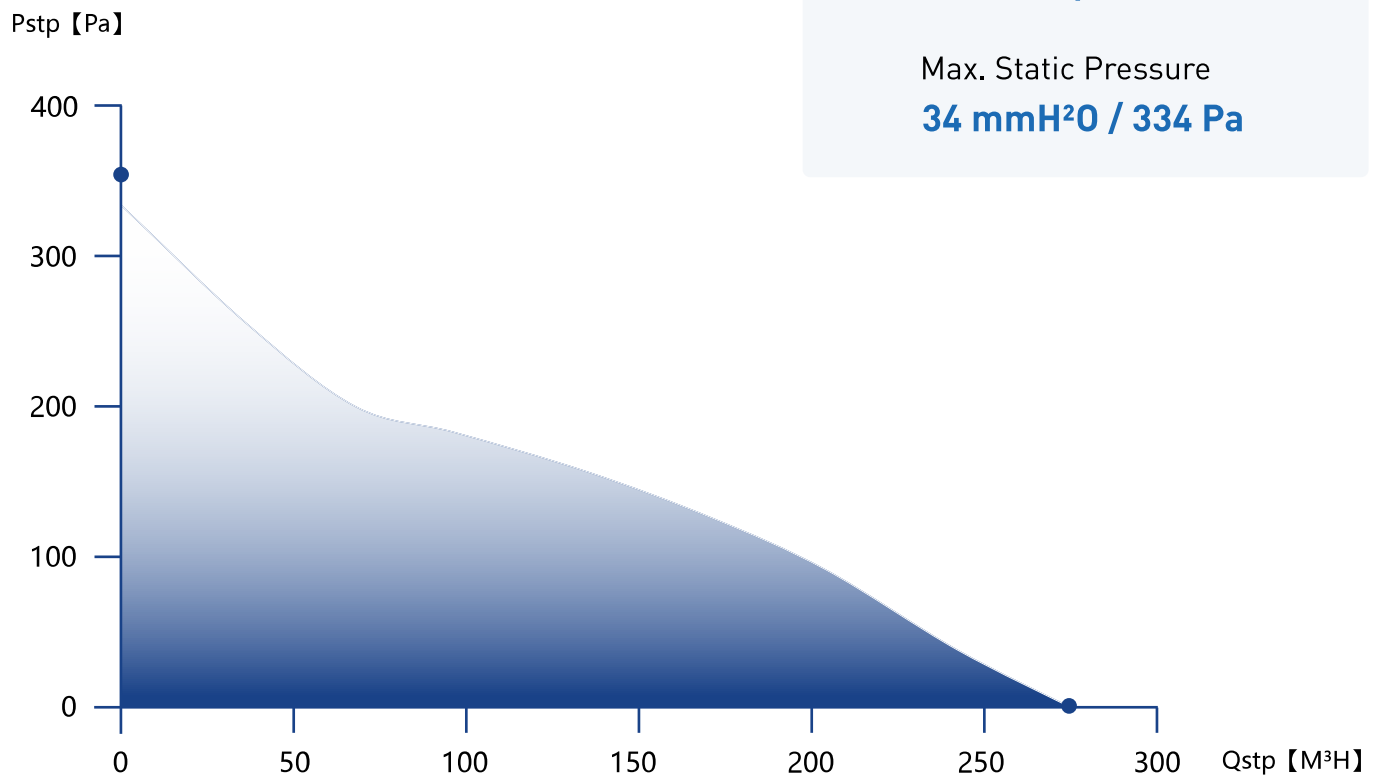
PQ Curve

Max. Airflow

160 CFM / 275 M³H

Max. Static Pressure

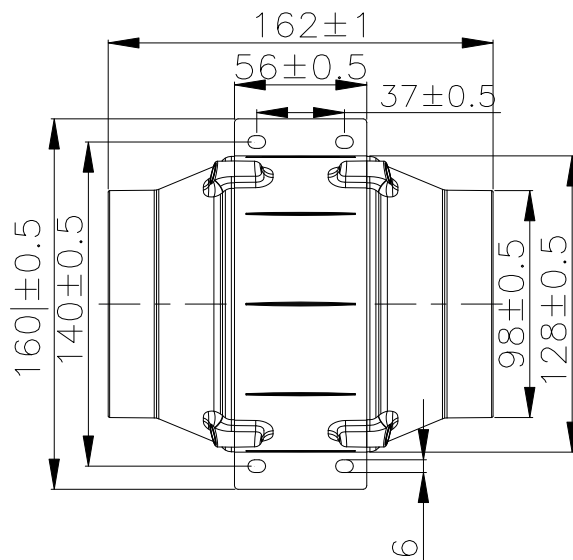
34 mmH₂O / 334 Pa



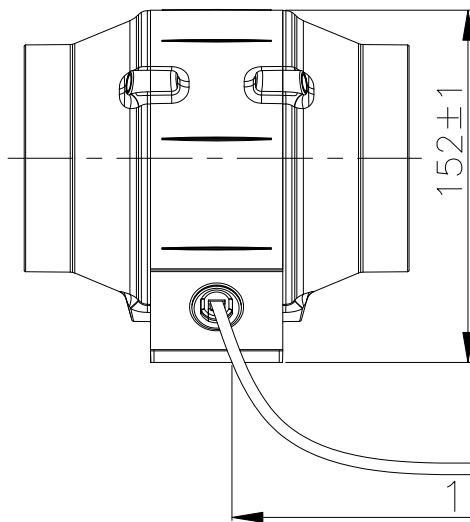
NOTE:

- The fan data is based on laboratory testing and is for reference only.
- There may be a $\pm 10\%$ tolerance in actual use.

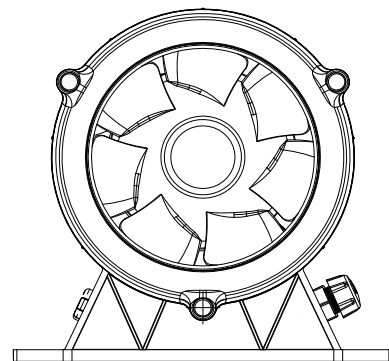
Dimension Drawing



 Air Flow



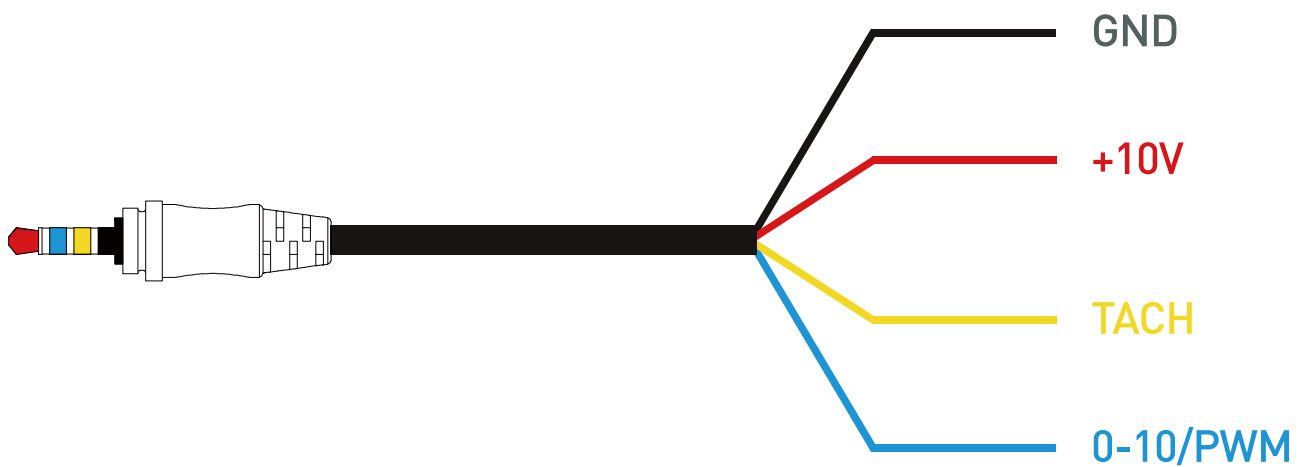
 Rotation



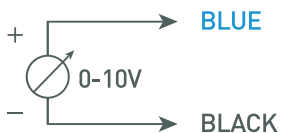
Unit:mm

DIY 4-PINS CONTROL

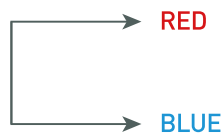
EC fan can be controlled via PWM, 0-10V, or potentiometer;
please refer to the diagram below for specific wiring instructions.



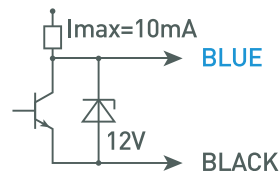
Speed Control via 0-10V



Max.Speed



Speed Control via PWM



Speed Control via POT



ACCESSORIES



Wall mounted controller



Wireless remote with receiver



Wall mounted controller (US)



Variable speed controller



Extension Control cable



DIY Speed Control Cable

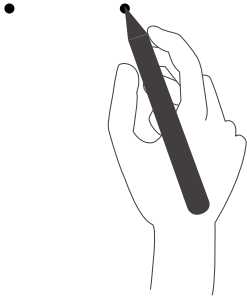


3 Pins Controller Adaptor



RJ45 Controller Adaptor

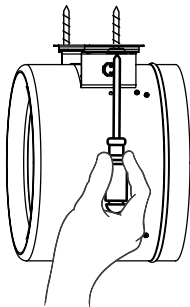
WALL MOUNTED INSTALLATION

1

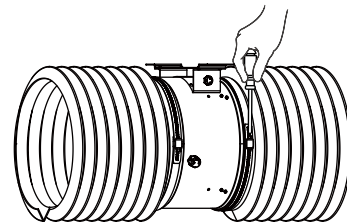
Mark the screw position on the wall

2

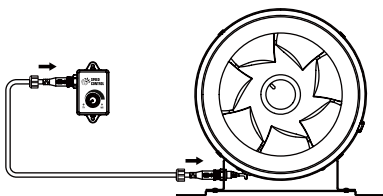
Punch holes in the wall

3

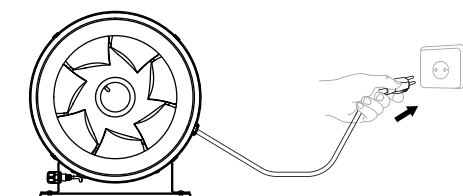
Screw the fan onto the wall

4

Connect the ducts on two sides
with clamps

5

Connect the speed control to the fan and make
sure the connection is in place and fastened

6

Power up the fan