

SIF1024

Inline Carbon Filter



ACTIVATED CARBON FILTRATION FOR DUCT SYSTEMS

- Designed for inline duct ventilation and ceiling mounting.
- 45 mm RC48 granular activated carbon bed for odor adsorption.
- Galvanized steel housing with integrated filter media.
- Connects directly to a 10 inch / 250 mm SENSDAR EC fans.

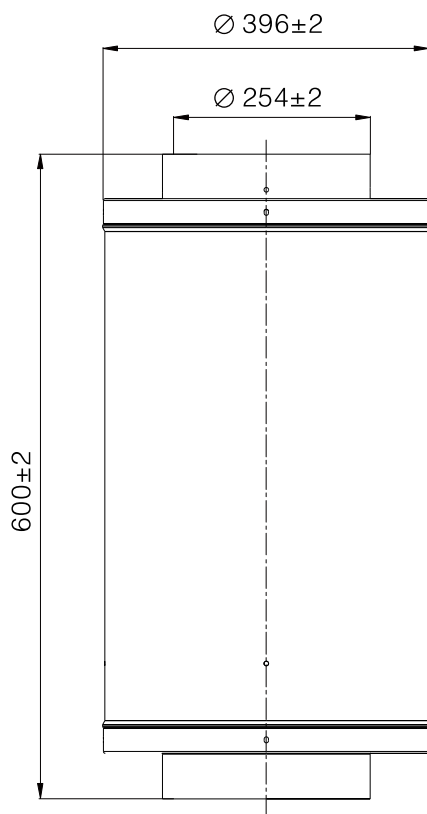
Specifications

PARAMETER	SPECIFICATION
Inline Filter Model	SIF1024
Duct Opening	10 inch / 250 mm
Length	24 inch / 600 mm
Air Flow	1450 m ³ /h
Medium	Premium Charcoal
Grade	RC-48
Carbon Layer Thickness	1.8 inch / 45 mm
Filter Type	Pre-filter
Housing Material	Galvanized Steel
Filter Replacement	Non-Replaceable
End of Service Life	Replace Complete Unit

NOTE:

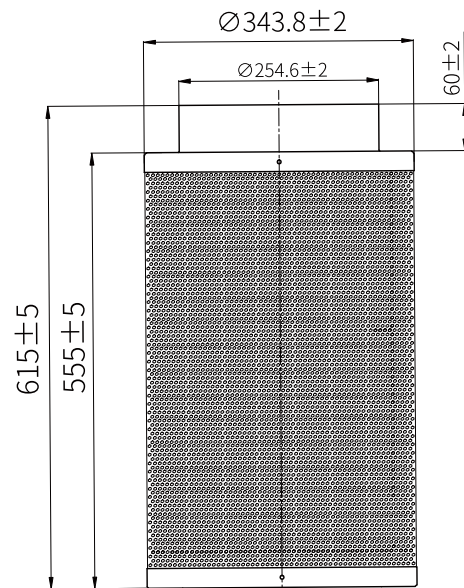
- The inline carbon filter does not include a fan.
- Airflow is generated and controlled by the connected SENSDAR EC Fan.

Dimension Drawing

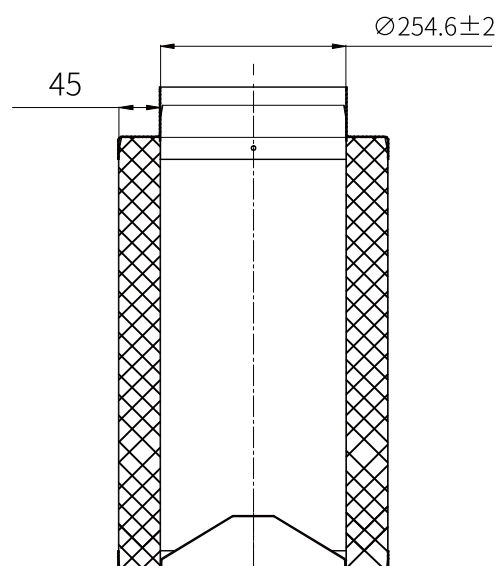


Complete Unit Dimensions

Unit:mm



Internal Carbon Filter Dimensions



Internal Carbon Filter Cross-Section

Inside The Inline CarbonFilter



01 Hanging Brackets & Duct Design

Designed for secure suspended mounting and easy connection to ductwork.

02 Carbon & Cotton Filtration

Activated carbon helps adsorb odors and certain gaseous pollutants, while dual-layer filter cotton helps capture fine impurities.

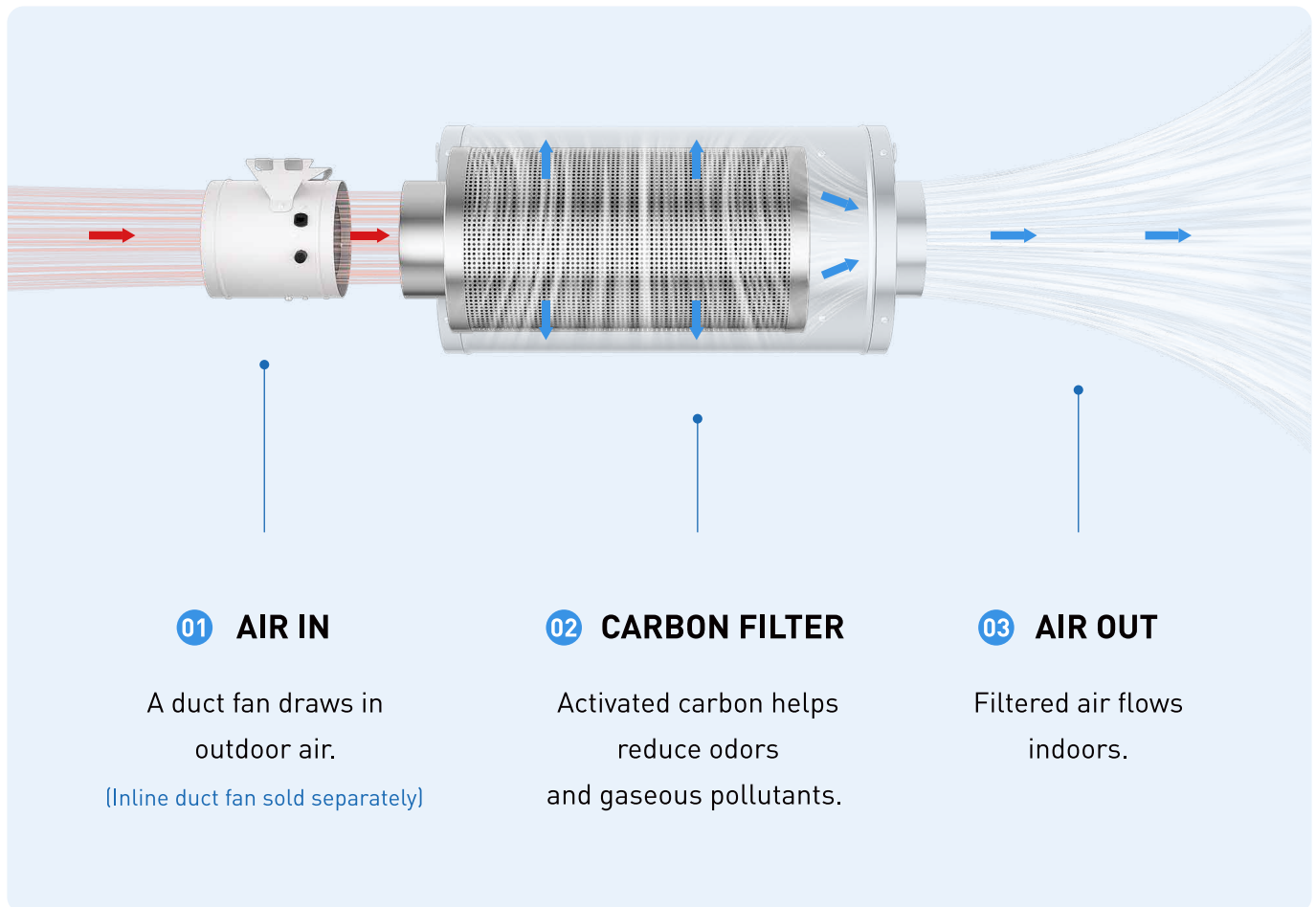
03 Perforated Metal Filter

Holds the carbon while allowing airflow through.

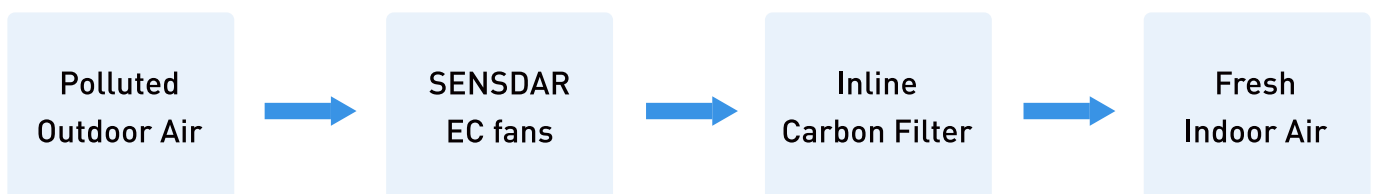
04 Metal Casing

Durable housing for duct installations.

How It Works



SENSDAR Ventilation & Filtration Solutions



Adaptable Model



SE-A250



SE-A250Z



SE-A250J

Ventilation & Filtration System Installation

Install the SENSDAR EC fan and inline carbon filter in the duct system as shown, following the indicated airflow direction.

