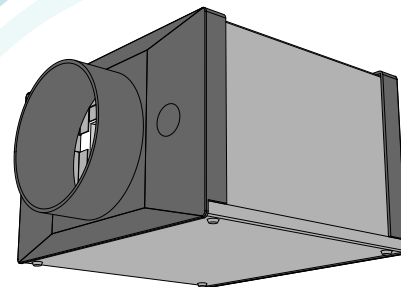


SF-150-PM2.5

Inline Filter Module

Installation and Maintenance Manual



1.0 IMPORTANT INFORMATION

This manual contains important information on the safe and appropriate assembly, transport, commissioning, operation, maintenance, disassembly and simple troubleshooting of the product.

While the product has been manufactured according to the accepted rules of current technology, there is still a danger of personal injury or damage to equipment if the following general safety instructions and the warnings contained in these instructions are not complied with.

- **Read these instructions completely and thoroughly before working with the product.**
- **Keep these instructions in a location where they are accessible to all users at all times.**
- **Always include the operating instructions when you pass the product on to third parties.**

1.1 PERSONAL PROTECTIVE EQUIPMENT

The following minimum Personal Protective Equipment (PPE) is recommended when interacting with Nuaire product:

- **Protective Steel Toe Capped Shoes:** When handling heavy objects.
- **Full Finger Gloves (Marigold PU800 or equivalent):** When handling sheet metal components.
- **Semi Fingerless Gloves (Marigold PU3000 3DO or equivalent):** When conducting light work on the unit requiring tactile dexterity.
- **Safety Glasses:** When conducting any cleaning/cutting operation or exchanging filters.
- **Reusable Half Mask Respirators:** When replacing filters which have been in contact with normal room or environmental air.

Nuaire would always recommend a site specific risk assessment by a competent person to determine if any additional PPE is required.

2.0 INTRODUCTION

Nuaire's range of inline filters has been specifically designed to reduce the level of airborne contaminants entering a building, in particular air pollution control, thus improving indoor air quality.

The product includes a **PM2.5** grade filter which is suitable for very fine dust particles in the air that are 2.5 microns or less in diameter.

Units should be fitted on the supply leg of ducting and therefore do not require insulation.

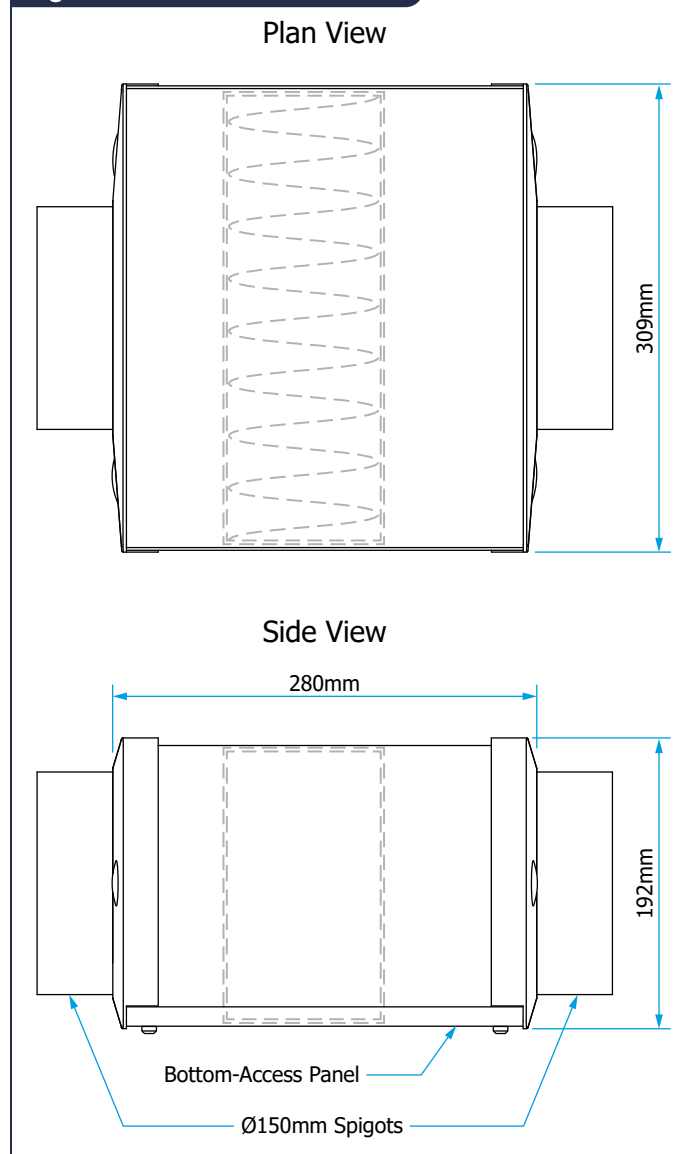
2.1 CODE DESCRIPTION

1	-	2	-	3
SF	-	150	-	PM2.5

1. Range: **Filter Module**
2. Spigot Size: **150 = Ø150mm**
3. Filter Grade: **PM2.5 = Particles up to 2.5 microns**

2.2 DIMENSIONS

Fig 1: SF-150-PM2.5 Dimensions



3.0 INSTALLATION

Installation must be carried out by competent personnel, in accordance with good industry practice, the appropriate authority and in conformance with all statutory and governing regulations.

3.1 ACCESS

Ensure that a ceiling access panel has been installed for maintenance to the unit, the space required is Width: 350 and Length: 450mm.

[illegible]