Technical Data Sheet

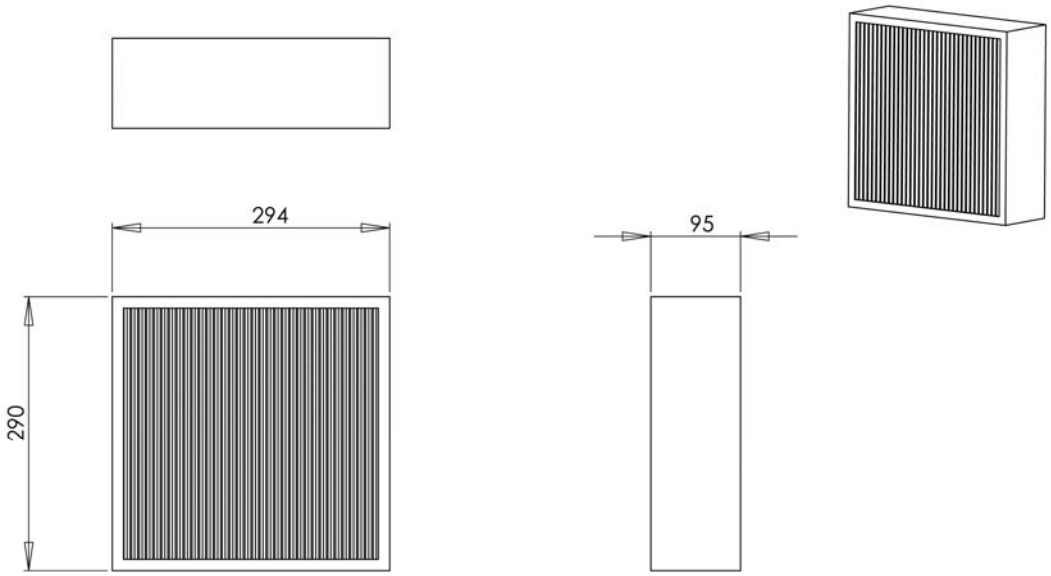
33F6

F6 medium efficiency micro pleated enclosed air filter

Small Box filter

Dimensions

Filter size L x W	294 x 290mm



Specifications

Weight	0.75kg
Colour of front fascia	White
Housing material	Water Proof Cardboard

Approval

N/A

Features

- High air flow
- Low resistance
- High dust holding capacity

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Product Use

The 33F6 is used as a primary filter of air conditioning and ventilation systems

Typical applications:

- Home ventilation
- Air conditioning
- Precise instrument
- Chemical
- Pharmaceuticals
- Foods, etc.

Environmental Conditions

Climatic conditions	Tropical
Temperature	0...+80°C
Humidity	<100% r.h.

Standards

The filters are tested in accordance with the European standard EN 779 (Particulate air filters for general ventilation). This standard is based on ASHRAE 52.1[2]

[2] Gravimetric and dust-spot procedures for testing air cleaning devices used in general ventilation removing particulate matter 1992.

General

Air Density - Air density equals 1.201kg/m³ for standard air. This corresponds to air at a pressure at 760mm Hg at a temperature of 21ºC with a specific volume of 0.832m³/kg.

Airflow (ACMS) - Airflow expressed in terms of actual cubic metres of air per second (ACMS). ACMS is a cubic metre of air at actual existing conditions.

Effective Filter Media Area - The effective surface area of the filter media in the assembled filter element (without adhesive areas) through which the air stream is passed.

Filter Media Face Velocity - The rated airflow divided by the effective filter media area.

Ordering

When ordering please give name and type,
Reference 33F6

Technical Data

Filter class according EN 779	F6
Max. relative humidity %	100
Max. continuous temperature %	80
Minimum particulate size	0.4mu
Merv	11
Initial pressure drop Pa	70
Recommended final pressure drop Pa	145
Active filter surface area	2.5m²
Burst pressure Pa >	1200
Flammability classification to UL	Class 2 239A
Expected life domestic environment	2 years