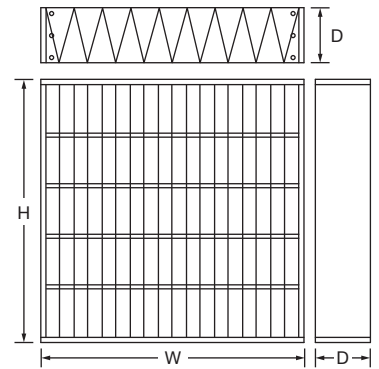


# Secondary Filter Series

## PRODUCT NAME

# Rigid Pleated Filter



## SPECIFICATION

### Media

Synthetic fibre, laminating galvanised steel support grid

### Efficiency

F6(≥60%), F7(≥80%), F8(≥90%)

### Frame

Galvanised Steel with metal finger and diagonal support

### Header

Double header(DH), Single header(SH), None header(NH)

### Temperature

≤70°C

### Humidity

≤90% RH

### Rated Velocity

2.5 m/s

Recommended final pressure drop ≤ 375Pa

## INTRODUCTION

- Rigid box filter is a rigid, extended surface medium to high efficiency filter.

- Galvanised steel frame, diagonal support bracing, moisture resistant media contour stabilizers and metal media support grid enhance the durability of the filter.

## APPLICATION

- Rigid box filter can be used in most commercial and industrial HVAC systems.

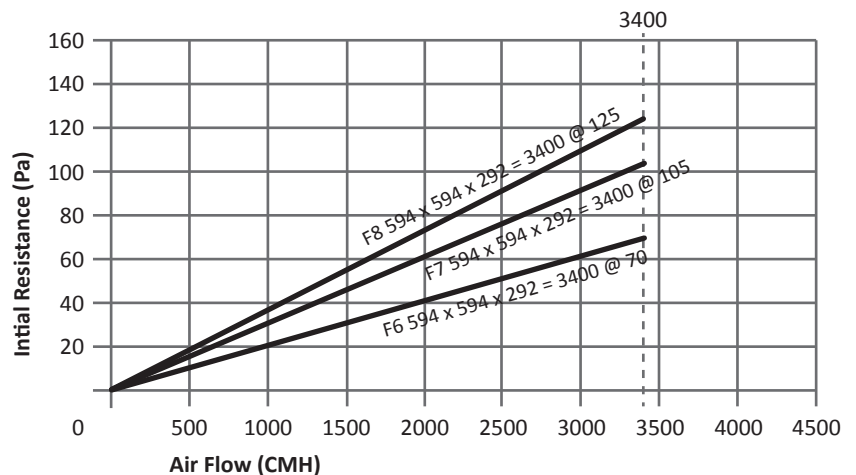
- Rigid box filter is designed for ease of installation in either side access system or built-up banks.

## SIZE AND PERFORMANCE DATA

| Nominal Size WxHxD (In) | Actual Size WxHxD (mm) | Efficiency EN779 | Air Flow / Initial Resistance CMH / Pa |
|-------------------------|------------------------|------------------|--|
| 12 x 24 x 12            | 289 x 594 x 292        | F8               | 1700 / 125                             |
| 20 x 20 x 12            | 492 x 492 x 292        |                  | 2380 / 125                             |
| 20 x 24 x 12            | 492 x 594 x 292        |                  | 2839 / 125                             |
| 24 x 24 x 12            | 594 x 594 x 292        |                  | 3400 / 125                             |
| 12 x 24 x 12            | 289 x 594 x 292        | F7               | 1700 / 105                             |
| 20 x 20 x 12            | 492 x 492 x 292        |                  | 2380 / 105                             |
| 20 x 24 x 12            | 492 x 594 x 292        |                  | 2839 / 105                             |
| 24 x 24 x 12            | 594 x 594 x 292        |                  | 3400 / 105                             |
| 12 x 24 x 12            | 289 x 594 x 292        | F6               | 1700 / 70                              |
| 20 x 20 x 12            | 492 x 492 x 292        |                  | 2380 / 70                              |
| 20 x 24 x 12            | 492 x 594 x 292        |                  | 2839 / 70                              |
| 24 x 24 x 12            | 594 x 594 x 292        |                  | 3400 / 70                              |

Data base on none header.

## AIR FLOW VS INITIAL RESISTANCE



Specification, appearance and content are subject to change without prior notice.