

**PRODUCT NAME**  
**Chemical Rigid  
Pleated Filter**

## SPECIFICATION

**Media**

Synthetic fibre, self support, 90% activity carbon  
VOCs (Option: Ammonia and Acid)

**Frame**

Galvanised Steel with metal finger and diagonal support

**Header**

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

**Sealant**

Polyurethane

**Temperature**

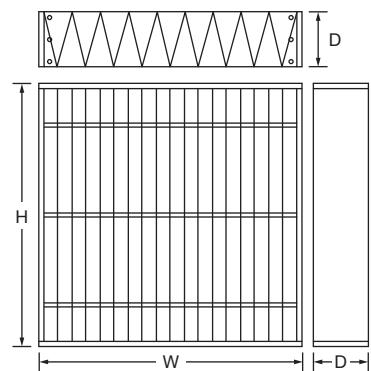
$\leq 70^{\circ}\text{C}$

**Humidity**

$\leq 90\% \text{ RH}$

**Rated Velocity**

2.5 m/s



## SIZE AND PERFORMANCE DATA

Nominal Size WxHxD (In)	Actual Size WxHxD (mm)	Air Flow / Initial Resistance CMH / Pa
12 x 24 x 12	289 x 594 x 292	1700 / 90
24 x 24 x 12	594 x 594 x 292	3400 / 90

Data base on none header.

**Recommended final pressure drop  $\leq 375\text{Pa}$**

## INTRODUCTION

- Gas phase rigid pleated filter ensure a much higher effective active area per kg of media, resulting in a high spontaneity of reaction.
- Gas phase rigid pleated filters remove a wide range of odors and common indoor air pollutants.

## APPLICATION

- The gas phase rigid pleated filters are well suited for use in air make-up and re-circulation application in office building, hospital, airport, food courts and manufacturing facilities.

## AIR FLOW VS INITIAL RESISTANCE

