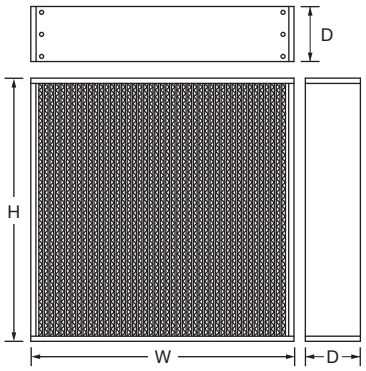
VICFIL SDN. BHD.
DRIVE INNOVATION

PRODUCT NAME

# Aluminium Separator Filter




## SPECIFICATION

**Media**
Glass fibre with aluminium separator

**Efficiency as per EN1822**
E10 (≥85%), E11 (≥95%), E12 (≥99.5%), H13(≥99.95%), H14(≥99.995%), U15(≥99.9995%)

**Frame**
Galvanised Steel, Aluminium

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

**Sealant**
Polyurethane

**Gasket**
Air leaving side(ALS)

**Temperature**
≤70°C

**Humidity**
≤90% RH

**Recommended final pressure drop ≤ 250Pa (E10), ≤ 500Pa (H13, U15)**

## INTRODUCTION

- The media pack consisting of pleated microglass paper media and corrugated aluminium separator, is sealed inside the metal frame forming a totally rigid filter assembly.

- Polyurethane sealant applies throughout all filter to prevent any possible leakage.

## SIZE AND PERFORMANCE DATA

| Nominal Size WxHxD (In) | Actual Size WxHxD (mm) | Efficiency EN1822 | Air Flow / Initial Resistance CMH / Pa |
|---|---|---|---|
| 12 x 24 x 6 | 305 x 610 x 150 | E10 | 425 / 98 |
| 24 x 24 x 6 | 610 x 610 x 150 | | 850 / 98 |
| 12 x 24 x 12 | 305 x 610 x 292 | | 850 / 98 |
| 24 x 24 x 12 | 610 x 610 x 292 | | 1700 / 98 |
| 12 x 24 x 6 | 305 x 610 x 150 | H13 | 425 / 249 |
| 24 x 24 x 6 | 610 x 610 x 150 | | 850 / 249 |
| 12 x 24 x 12 | 305 x 610 x 292 | | 850 / 249 |
| 24 x 24 x 12 | 610 x 610 x 292 | | 1700 / 249 |
| 12 x 24 x 6 | 305 x 610 x 150 | U15 | 425 / 280 |
| 24 x 24 x 6 | 610 x 610 x 150 | | 850 / 280 |
| 12 x 24 x 12 | 305 x 610 x 292 | | 850 / 280 |
| 24 x 24 x 12 | 610 x 610 x 292 | | 1700 / 280 |

Actual size are measure without gasket. Data base on none header.

## APPLICATION

- These filters can be used as final filter in all type of commercial, industrial and institutional HVAC installation.

## AIR FLOW VS INITIAL RESISTANCE