



High Capacity Mini-Pleat HEPA Filter

LunaCel VBX

- Design for high air volume applications
- The enlarged media area ensures lower average pressure drop and longer lifespan filter
- Low energy consumption
- Available for H10 to H14

Specification

| Nominal Size W×H×D (in) | Actual Size W×H×D (mm) | Air Flow CMM/CFM | Weight (kg) | Efficiency (% @ 0.3µm) | Pressure Resistance (Pa) | |
|----------------------------|---------------------------|---------------------|----------------|---------------------------|--------------------------|-------|
| | | | | | Initial | Final |
| 12x24x12 | 305×610×292 | 25 / 1145 | 9.5 | 99.999 (H14) | 280 | 750 |
| 24x24x12 | 610×610×292 | 66 / 2500 | 16 | | | |
| 12x24x12 | 305×610×292 | 25 / 1145 | 9.5 | 99.99 (H13) | 250 | |
| 24x24x12 | 610×610×292 | 66 / 2500 | 16 | | | |

Measuring method: IES-RP-1 & EN1822

Inflammability: UL Class 900 Other sizes are available upon request

Initial Resistance +/-10%

Operating Condition

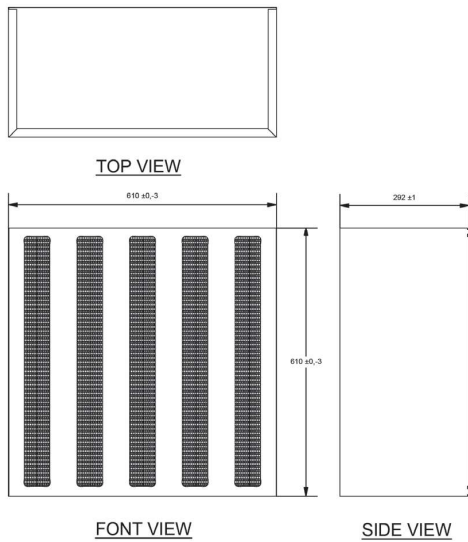
| | |
|--------------------------------------|--------------------------------|
| Operating Temperature | 70°C |
| Usage Humidity Limit (Continuous) | 95%RH (no dew condensation) |

Material

| | |
|------------------|-------------------------------------|
| Cellside / Frame | Galvanized Steel, Stainless Steel |
| Media | Fibreglass |
| Separator | Hot Melt |
| Sealant | Polyurethane |
| Gasket | EPDM, Neoprene, Jointless PU gasket |

Gasket is optional.

Outer Dimension Diagram



Initial Resistance for LunaCel VBX

