

Ultipleat® PK Gas Filter

Description

The Ultipleat PK gas filter is designed for clean dry air and nitrogen applications in the LCD, semiconductor and photovoltaic industries. It is rated for flows up to 10,000 SLPM (353 SCFM).

Product Features

- Unique Ultipleat filter construction
- Single open-ended cartridge with U-cup seal
- High particle retention
- Exceptionally high flow rates
- Low differential pressure
- 100% integrity tested

Product Benefits

- Ultipleat filter construction allows for high-flows at the point-of-use (POU) where space is limited.
- Compact design enables efficient filter changeouts, thereby reducing equipment downtime.

Specifications

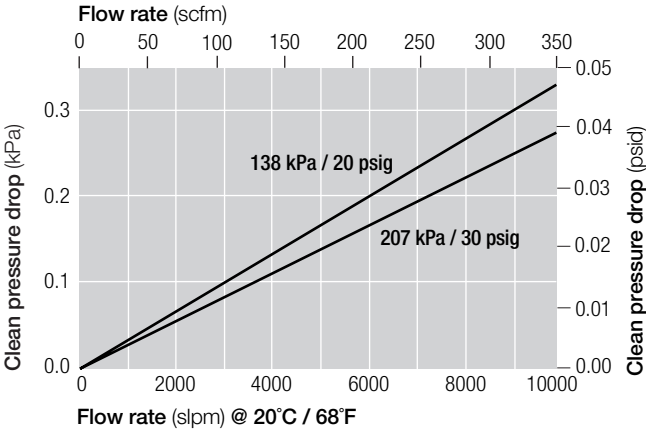
Materials	<ul style="list-style-type: none"> • Medium: PTFE • Support: Polypropylene • Cage and end caps: Polypropylene • U-cup: EPR
Removal Rating	<ul style="list-style-type: none"> • ≥ 3 nm in gas service
Typical Filter Area	<ul style="list-style-type: none"> • 1.8 m² / 19.4 ft²
Operating Conditions	Maximum operating temperature <ul style="list-style-type: none"> • 50°C / 122°F Maximum differential pressure <ul style="list-style-type: none"> • 0.41 MPa @ 20°C / 60 psid @ 68°F • 0.20 MPa @ 50°C / 30 psid @ 122°F



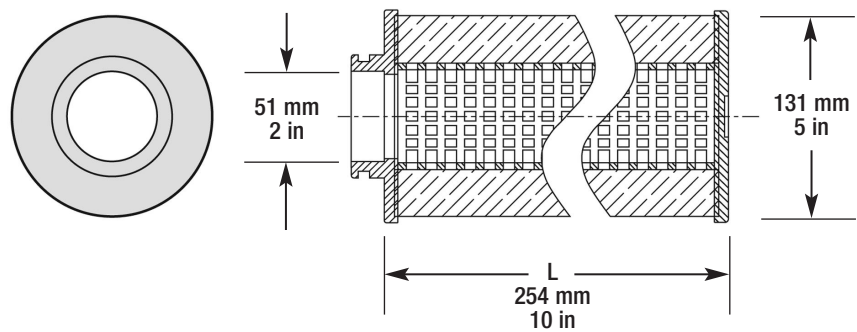
Filter Housings

Ultipleat PK gas stainless steel filter housings are available in a wide variety of connection sizes and types, surface finishes, and code requirements to meet your specific needs. Please contact your local Pall representative to discuss the appropriate housing for your application.

Pressure Drop vs. Air Flow Rate



Nominal Dimensions



Part Numbers / Ordering Information

Part Number	Nominal Length	Seal
UPK510FGJU	254 mm / 10 in	EPR (U-cup)