

PURECELL II

Extended Surface Mini-Pleat Rigid Filter

General

PureCell II extended surface mini-pleat rigid filters are space saving 100mm deep and designed for use in most commercial or industrial HVAC systems where medium to high efficiency filtration is required. The PureCell II has been designed to withstand the rigors of turbulent airflow and can remove contaminants such as smoke, bacteria, fume, fungi, and virus-bearing droplet nuclei. PureCell filters are available in MERV 11 (F6) to MERV 14 (F8) efficiencies.

The PureCell II is constructed from double-wall beverage board frames and water-laid micro-fine fiberglass media that is water-repellent, moisture resistant and will not support microbial growth. Designed to suit variable air volume systems or turbulent flow conditions, the slim-line 100mm depth and lightweight cartridge design make the PureCell II flexible for any installation and easy to store and handle.

PureCell II extended surface mini-pleat rigid filters can be installed in universal holding frames (individually or in a filter bank arrangement), side access applications and similar existing hardware for upstream or downstream service.

Features

- Moisture resistant filter media resists microbial growth
- Space saving 100mm depth for installation flexibility
- Lightweight, rigid cartridge is easy store and handle
- Designed for variable air volume systems or turbulent flow conditions
- MERV 11 to MERV 14 rating as per ASHRAE 52.2
- Ideal as pre-filters for the Airepure HEPA filter range
- Optional aluminium mounting frame available



PureCell II



PureCell II (Half Size)

PURECELL II

MERV 11 (F6) 65% Efficiency

Model	Face Velocity 1.90 m/sec		Face Velocity 2.54 m/sec		Face Velocity 3.38 m/sec		External Dimensions Nominal (mm)			External Dimensions Actual (mm)		
	l/sec	PD	l/sec	PD	l/sec	PD	Height	Width	Depth	Height	Width	Depth
PC21141224	354	90	457	130	630	200	305	610	100	295	595	95
PC21142020	490	90	655	130	872	200	508	508	100	495	495	95
PC21142424	708	90	944	130	1260	200	610	610	100	595	595	95

MERV 13 (F7) 85% Efficiency

Model	Face Velocity 1.90 m/sec		Face Velocity 2.54 m/sec		Face Velocity 3.38 m/sec		External Dimensions Nominal (mm)			External Dimensions Actual (mm)		
	l/sec	PD	l/sec	PD	l/sec	PD	Height	Width	Depth	Height	Width	Depth
PC21341224	354	110	457	150	630	225	305	610	100	295	595	95
PC21342424	708	110	944	150	1260	225	610	610	100	595	595	95

MERV 14 (F8) 95% Efficiency

Model	Face Velocity 1.90 m/sec		Face Velocity 2.54 m/sec		Face Velocity 3.38 m/sec		External Dimensions Nominal (mm)			External Dimensions Actual (mm)		
	l/sec	PD	l/sec	PD	l/sec	PD	Height	Width	Depth	Height	Width	Depth
PC21441224	354	125	457	175	630	250	305	610	100	295	595	95
PC21442020	490	125	655	175	872	250	508	508	100	495	495	95
PC21442424	708	125	944	175	1260	250	610	610	100	595	595	95

Rated MERV 11, 13, 14 efficiency to ASHRAE 52.2:2015.