

PURECELL

Extended Surface Separator Type Rigid Filter

General

PureCell extended surface separator type rigid filters are designed for use in most commercial or industrial HVAC systems where medium to high efficiency filtration is required. The PureCell 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) and MERV 14 (F8) efficiencies.

The PureCell filter media is constructed from micro-fine fiberglass paper that is moisture resistant and will not support microbial growth. Corrugated aluminium separators stabilise the moisture resistant media and prevents damage in applications downstream of the supply fan. Designed to suit variable air volume systems, the PureCell is available in two header styles; the single header or double header. PureCell models for gas turbine or high temperature applications are available.

PureCell extended surface separator type 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.



PureCell with Single Header Frame

Features

- Moisture resistant filter media resists microbial growth
- Corrugated aluminium separators stabilise the moisture resistant media and prevents damage in applications downstream of the supply fan
- Rugged corrosion-resistant steel casing minimises damage during shipping and handling.
- MERV 11 or MERV 14 rating as per ASHRAE 52.2

Product Code	Actual Size (mm)	Nominal Size* (mm)	Rating	Efficiency	Model Type
PC14523231H	595 x 595 x 120	610 x 610 x 127	Merv 14 (F8)	95%	Single Header
PC14511231H	295 x 595 x 120	305 x 610 x 127	Merv 14 (F8)	95%	Single Header
PC14624241H	595 x 595 x 145	610 x 610 x 159	Merv 14 (F8)	95%	Single Header
PC14612241H	295 x 595 x 145	305 x 610 x 159	Merv 14 (F8)	95%	Single Header
PCG11242412DH	595 x 595 x 292	610 x 610 x 305	Merv 11 (F6)	65%	Double Header / Gas Turbine
PCG11122412DH	295 x 595 x 292	305 x 610 x 305	Merv 11 (F6)	65%	Double Header / Gas Turbine
PCG14242412DH	595 x 595 x 292	610 x 610 x 305	Merv 14 (F8)	95%	Double Header / Gas Turbine
PCG14122412DH	295 x 595 x 292	305 x 610 x 305	Merv 14 (F8)	95%	Double Header / Gas Turbine

*Nominal Size refers to mounting frame size

Shamon Air Filtration Equipment Ltd

Email: sales@safe.co.nz

Web: www.safe.co.nz

The information provided in this brochure is accurate at the time of printing to the best of Shamon Filtrations' knowledge, however, it should not be relied upon. Circumstances differ with every installation and location therefore suitability of all SAFE products should be confirmed with a qualified SAFE Technical Representative. Rev 1015 ©Shamon Air Filtration Equipment 2015