

IPSCO - Viledon Filters at a Glance - Quick Reference Guide

G2	G3	G4	F5	F6	F7	F8	F9
<p>NOTE: Pressure drops indicated are initial followed by final at the nominal flow rates.</p> <p>Capacities given are at nominal flow rates for 610 x 610 face area.</p> <p>ALWAYS check the full data sheet before finalising your selection.</p> <p>Most Filters available in a range of sizes from 610 x 610.</p> <p>For further assistance contact IPSCO +64 9 279 9390</p>		 F45 40-250Pa 2.5m/s (944l/s) Av arrestance 95%	 F50S 45-450Pa 3.2m/s (1180l/s) Av Eff on 0.4µm 51%	 MF70 65-450Pa 3.2m/s (1180l/s) Av Eff on 0.4µm 75%	 MF90-F7 120-450Pa 3.2m/s (1180l/s) Av Eff on 0.4µm 89%	 MF90-F8 80-450Pa 2.5m/s (944l/s) Av Eff on 0.4µm 92%	 MF95 160-450Pa 3.2m/s (1180l/s) Av Eff on 0.4µm 94%
	G35S 20-200 Pa 2.5m/s 944l/s) Av arrestance 86%	 WA45 20-250Pa 2.5m/s (944l/s) Av arrestance 86%	 WA50 47-450Pa 2.5m/s (944l/s) Av Eff on 0.4µm 44%	 WA75 76-450Pa 2.5m/s (944l/s) Av Eff on 0.4µm 77%	 WA90 101-450Pa 2.5m/s (944l/s) Av Eff on 0.4µm 88%	 WA95 135-450Pa 2.5m/s (944l/s) Av Eff on 0.4µm 93%	 WA98 185-450Pa 2.5m/s (944l/s) Av Eff on 0.4µm 97%
	P15/150 20-125Pa 2.0m/s (720l/s) Av arrestance 67%	P15/350 25-200Pa 1.5m/s (540l/s) Av arrestance 85%	 P15/500 30-250Pa 1.0m/s (358l/s) Av arrestance 94%	 A3/300 20-250Pa 0.25m/s (89l/s) Av Eff on 0.4µm 46%	 MV75 70-450Pa 2.5m/s (944l/s) Av Eff on 0.4µm 75%	 MV85 90-450Pa 2.5m/s (944l/s) Av Eff on 0.4µm 85%	 MV95 110-450Pa 2.5m/s (944l/s) Av Eff on 0.4µm 93%
P200 20-125Pa 2.0m/s (720l/s) Av arrestance 67%	P300 25-200Pa 1.5m/s (540l/s) Av arrestance 83%	 P400 30-250Pa 1.0m/s (358l/s) Av arrestance 91%	 PA/560G 30-250Pa 0.25m/s (89l/s) Av Eff on 0.4µm 55%	 MX75 70-450Pa 3.2m/s (1180l/s) Av Eff on 0.4µm 75%	 MX85 120-450Pa 3.2m/s (1180l/s) Av Eff on 0.4µm 86%	 MX95 125-450Pa 3.2m/s (1180l/s) Av Eff on 0.4µm 92%	 MX98 150-450Pa 3.2m/s (1180l/s) Av Eff on 0.4µm 96%
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Filter class refers to EN 779 2002

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Premium Grade Pocket Filters
Available in std 610 x 610 frame sizes with bag length 330mm & 650mm

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Available in std 610 x 610 frame sizes with bag length 650mm

HVAC Grade Pocket Filters
Available in std 610 x 610 frame sizes with bag length 330mm, 510mm & 650mm

HVAC Grade Pocket Filters
Available in std 610 x 610 frame sizes with bag length 510mm & 650mm

Filter Media
Available in 2m wide rolls, cut mats or per lineal or square metre

HVAC Grade Nano Filters
Available in std 610 x 610 frame sizes with frame depth 318mm

Premium Grade MaxiPleat Filters
Available in std 610 x 610 frame sizes with frame depth 292mm

General Applications - Suitable Holding Frames



Media Mats

P200 |
P300 | - Std Washable
P400 |



Media Mats

P15/150 |
P15/350 | - Long life Washable
P15/500 |



Media Mats

A3/300 | - Fine Filtration
PA560G | - Paint Spraybooth inlet filter

These frames suit all the above media



Type AL

- removable flat panel AL - for split system and fan coil units



Type EM

- flat panel for permanent install providing corrosion free easy access panel frame for holding media mats.



Types AL50 & FMP

- pleated media frames provide a robust re-useable frame that replaces the flimsy cardboard frame types. Use as slide in AHU rails or front mount into our CHF frames [see below]

Specialist Filtration - Sterile Air & Clean Room Ventilation

H11

H12

H13

H14

U15

U16



MX100 & MX120 Filter Class H11 & H12
195Pa & 360Pa - 600Pa
2.53m/s (944l/s)

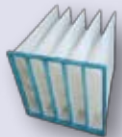
SF HEPA SF11, SF12, SF13, SF14, SF15, SF16, SF17
HEPA Filters depths from 78mm up to 292mm
Velocities from 0.45m/s to 2.54m/s
Capacities from 166l/s to 944l/s



Terminal Units

Frames suitable for the Viledon HEPA range include front access and side access types to safe change units, terminal units and complete engineered clean rooms

Pocket Filters, Rigid Filters & CHF Holding Frames



WinAir Series

- lower initial cost for long life high flow for ventilation systems, HVAC & HEPA pre-filtration



MF Series

- long life high flow for ventilation systems, HVAC & HEPA pre-filtration



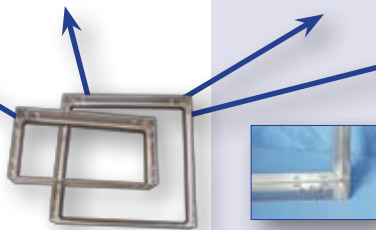
MV Series

- lower initial cost for high flow critical ventilation systems, HVAC & HEPA pre-filtration



MX Series

- long life, high flow, lower pressure drop for critical ventilation systems, HVAC & HEPA pre-filtration



CHF multi-function holding frames offer 3 width settings - 60mm, 90mm & 120mm

CHF frames suit AL50, FMP, MF, WinAir, MV & MX ranges of filters.

The configurations can be either single stage, 2 stage with pre-filter or reverse flow access.

Gas Phase Filtration

Individually engineered solutions from the worlds leading manufacturer of odour and gas media equipment.

Protection of
Museum artifacts
Pulp & Paper machinery
Micro Electronics
Electrical Machinery

Odour & Gas Control for
Geothermal regions
Waste Water treatment plants
Hospitality/food manufacture
Airports
Clean rooms

Industrial Equipment
Gas Absorption Scrubbers
Deep Bed Scrubbers
Positive Pressurization Units
Emergency Gas Scrubbers

PURAFIL
First.Incleanair



CCT Sensor



OnGuard 3000 Environmental Corrosion Monitors



OnGuard 2000



Media modules



Chemically engineered media



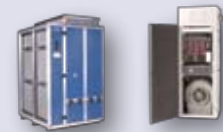
Gas absorption scrubber



Tub Scrubber



Emergency Gas Scrubber



Deep Bed Scrubber & Corrosive Air Unit