

Rigid Filter Range



Use our ISO 16890 rated filters for more realistic filter performance



Use our fully compliant ISO 16890 rigid filters for low pressure drop and long service life for extracting maximum economy from your air handling or ventilation system.



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 **Windsor**
Engineering

Rigid Filter Range



High quality compact rigid filters

Terminal filtration in air treatment units equipped by primary filter in all applications.

Applications

- Industrial HVAC air intakes.
- Ventilation systems, Machine rooms.
- Chemical and pharmaceuticals.
- Dairy industry, food industry, Turbomachinery

RPV GT series - ePM10 70%, ePM1 60%, ePM1 75%, ePM1 80% ISO 16890 / M6 - E10 EN779:2012

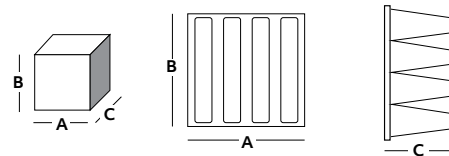
Efficiency: Following ISO16890:2016
 Media: Mini pleat fiberglass paper
 Frame: Polystyrene
 Sealant: Polyurethane
 Separator: Hot-melt beads
 Final pressure drop : 450 Pa
 Recommended final pressure drop : 250 Pa
 Maximum T° in continuous service: 80°C
 Humidity: 100% RH High dust holding capacity

- Compact & economic
- High filtration area
- High efficiency
- Tested for food contact according to CE 1935/2004
- Certified for microbial development (ISO846-VD6022)



Performance

Description	Width A mm	Height B mm	Depth C mm	Grade	Media area m ²	m ³ /hr / Pa
RPV65-6GT	592	592	292	M6	19	4250/98
RPV65-3GT	592	287	292	M6	9	2125/98
RPV85-6GT	592	592	292	F7	19	4250/114
RPV85-3GT	592	287	292	F7	9	2125/114
RPV95-6GT	592	592	292	F8	19	4250/126
RPV95-3GT	592	287	292	F8	9	2125/170
RPV98-6GT	592	592	292	F9	19	4250/170
RPV98-3GT	592	287	292	F9	9	2125/170
RPV100-6GT	592	592	292	E10	19	4250/190
RPV100-3GT	592	287	292	E10	9	2125/190



Rigid Filter Range



RPV GT XL series - F9 - E12 - ePM1 80% ISO16890

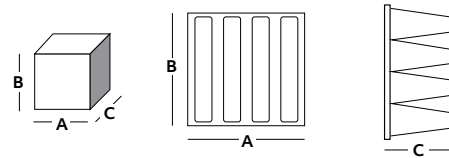
Efficiency: Following EN779:2012
 Media: Thick synthetic with progressive density
 Final pressure drop: 250 Pa
 Maximum T° in continuous service: 80°C
 Humidity: 100% RH

- Compact & economic
- High filtration area
- High efficiency
- Tested for food contact according to CE 1935/2004
- Certified for microbial development (ISO846-VD6022)



Performance

Description	Width A mm	Height B mm	Depth C mm	Grade	Media area m ²	m ³ /hr / Pa
RPV98-6XL/X WR	592	592	440	F9	32	4250/125
RPV100-6XL/X WR	592	592	440	E10	32	4250/180
RPV110-6XL/X WR	592	592	440	E11	32	4250/250
RPV120-6XL/X WR	592	592	440	E12	32	4250/300



RPV SC series - ePM10 70%, ePM1 60%, ePM1 75%, ePM1 80% ISO 16890 / M6 - F9 EN779:2012

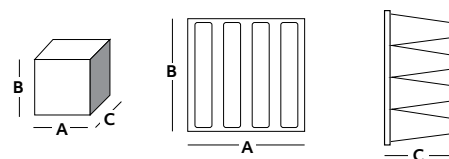
Performance

Efficiency following ISO16890: 2016
 Media: Thick synthetic with progressive density
 Final pressure drop: 250 Pa
 Maximum T° in continuous service: 80°C
 Humidity: 100% RH

- High dust holding capacity
- Low pressure drop
- Conical self-supporting pocket
- Variant in plastic frame (SECURE) upon request
- Easy to place
- Tested for food contact according to CE 1935/2004



Description	Width A mm	Height B mm	Depth C mm	Grade	Media area m ²	m ³ /hr / Pa
RPV65-6SC	592	592	292	M6	18	3400/67
RPV65-5SC	592	490	292	M6	15	2800/67
RPV65-3SC	592	287	292	M6	9	1700/67
RPV85-6SC	592	592	292	F7	18	3400/82
RPV85-5SC	592	490	292	F7	15	2800/82
RPV85-3SC	592	287	292	F7	9	1700/82
RPV95-6SC	592	592	292	F8	18	3400/90
RPV95-5SC	592	490	292	F8	15	2800/90
RPV95-3SC	592	287	292	F8	9	1700/90
RPV98-6SC	592	592	292	F9	18	3400/118
RPV98-5SC	592	490	292	F9	15	2800/118
RPV98-3SC	592	287	292	F9	9	1700/118



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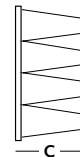
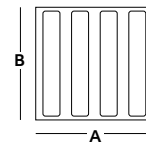
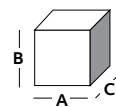
RPV XL series - ePM10 70%, ePM1 60%, ePM1 75%, ePM1 80% ISO 16890 / M6 - F9 EN779:2012

Efficiency following ISO16890: 2016
 Media: Thick synthetic with progressive density
 Final pressure drop: 250 Pa
 Maximum T° in continuous service: 80°C
 Humidity: 100% RH

- High dust holding capacity
- Low pressure drop
- Conical self-supporting pocket
- Variant in plastic frame (SECURE) upon request
- Easy to place
- Tested for food contact according to CE 1935/2004

Performance

Description	Width A mm	Height B mm	Depth C mm	Grade	Media area m ²	m ³ /hr / Pa
RPV65-6XL	592	592	440	M6	32	3400/65
RPV65-5XL	592	490	440	M6	27	3500/65
RPV65-3XL	592	287	440	M6	16	2125/65
RPV85-6XL	592	592	440	F7	32	3400/72
RPV85-5XL	592	490	440	F7	27	3500/72
RPV85-3XL	592	287	440	F7	16	2125/72
RPV95-6XL	592	592	440	F8	32	3400/78
RPV95-5XL	592	490	440	F8	27	3500/78
RPV95-3XL	592	287	440	F8	16	2125/78
RPV98-6XL	592	592	440	F9	32	3400/97
RPV98-5XL	592	490	440	F9	27	3500/97
RPV98-3XL	592	287	440	F9	16	2125/97



Other products available

- Filter media
- Panel filters
- Pocket filters
- Rigid filters
- Filter mounting frames
- HEPA filters
- Specialised filter housings & arrays
- Odour & corrosion control systems

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