



Compact filters

AFPRO compact filters or HPQ – High Performance Quality – filters are mini-pleated filters, characterised by their high filtration characteristics. The filter media is made with a “wet-laid paper technique” that guarantees high dust retention effectiveness and constant filter efficiency. The technology guarantees sustainability, which is expressed as reduced air resistance and lower energy consumption. The compact filters gain an A energy label time and again for this very reason!

Advantages of compact filters (HPQ filters)

- Large filter area
- Spacers – hot melt
- 100% leak free
- Very great dust retention capacity
- Long lifetime
- Low energy consumption
- Dimensioning according to EN15805
- Moisture resistant
- Corrosion free
- Fully combustible

Structure

Compact or HPQ filters are mini-pleated filters that are assembled in a polystyrene frame. This type of air filter can withstand temperatures up to 70°C. The largely robot-automated production of these filters ensures that they comply with the highest quality standards.

Application

Compact or HPQ filters are used in air conditioning units and systems, industrial systems and as pre-filters for clean rooms.

Installation

- Ensure that the filter is correctly installed: suction side – clean air side
- Filter must be correctly mounted: no leaks
- Gaskets must not be damaged
- Filter must be clamped down in four places
- Avoid touching the filter medium during installation
- Avoid damaging the filter during installation
- System must run for a few hours to achieve the desired result
- Installation record for filters: note date, time, initial resistance



Compact filters

HPQ-series

ePM2,5 ePM1 E10 E11 E12



SPECIFICATIONS

Application: HVAC, Industry

Frame: Plastic

Spacers: Hotmelt

Bonding: 2 component polyurethane

Medium: Glass fibre paper

Gasket: Continuous poured gasket

Filterklasse ISO 16890 / EN1822: ePM2,5, ePM1, E10, E11, E12

Maximum final pressure drop: 450Pa

Maximum temperature: 65°C

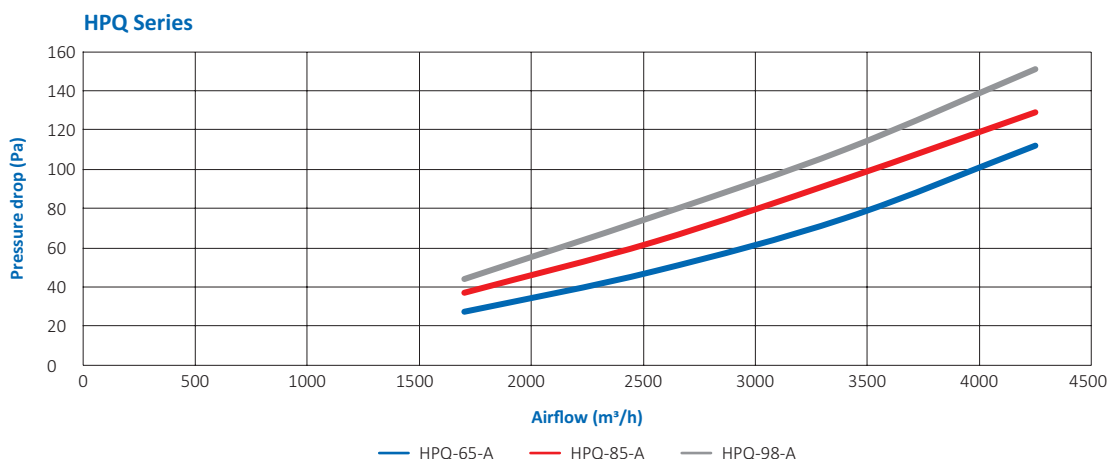
Maximum relative humidity: 90%

Comments: It is preferred to use a prefilter with these products

Advantages

- Small construction space
- Low pressure drop
- Maximum airflow 45% above nominal value

Type	Dimensions WxHxD (mm)	Filter class ISO 16890/EN1822	Filter surface (m²)	Airflow (m³/h)	Pressure drop (Pa)	# Filters/ box	Dimensions box (mm)	Energy label*
HPQ-65-A	592x592x292	ePM2,5 55%	18,8	3400	75	1	605x305x605	B
HPQ-65-B	490x592x292	ePM2,5 55%	15,3	2800	75	1	605x305x505	B
HPQ-65-C	288x592x292	ePM2,5 55%	8,4	1700	75	2	605x305x305	B
HPQ-85-A	592x592x292	ePM1 55%	18,8	3400	95	1	605x305x605	B
HPQ-85-B	490x592x292	ePM1 55%	15,3	2800	95	1	605x305x505	B
HPQ-85-C	288x592x292	ePM1 55%	8,4	1700	95	2	605x305x305	B
HPQ-98-A	592x592x292	ePM1 80%	18,8	3400	110	1	605x305x605	B
HPQ-98-B	490x592x292	ePM1 80%	15,3	2800	110	1	605x305x505	B
HPQ-98-C	288x592x292	ePM1 80%	8,4	1700	110	2	605x305x305	B
HPQ-E10-A**	592x592x292	E10	18,8	3400	170	1	605x305x605	-
HPQ-E10-B**	490x592x292	E10	15,3	2800	170	1	605x305x505	-
HPQ-E10-C**	288x592x292	E10	8,4	1700	170	2	605x305x305	-
HPQ-E11-A**	592x592x292	E11	18,8	2000	130	1	605x305x605	-
HPQ-E11-B**	490x592x292	E11	15,3	1500	130	1	605x305x505	-
HPQ-E11-C**	288x592x292	E11	8,4	1000	130	2	605x305x305	-
HPQ-E12-A**	592x592x292	E12	18,8	2000	180	1	605x305x605	-
HPQ-E12-B**	490x592x292	E12	15,3	1500	180	1	605x305x505	-
HPQ-E12-C**	288x592x292	E12	8,4	1000	180	2	605x305x305	-



* According to Eurovent RS 4/C/001-2019

** Not Eurovent certified

Compact filters

HPQ-XL-series

ePM2,5 ePM1 E10 E11 E12



SPECIFICATIONS

Application: HVAC, Industry

Frame: Plastic

Spacers: Hotmelt

Bonding: 2 component polyurethane

Medium: Glass fibre paper

Gasket: Continuous poured gasket

Filterklasse ISO 16890 / EN1822: ePM2,5, ePM1, E10, E11, E12

Maximum final pressure drop: 450Pa

Maximum temperature: 65°C

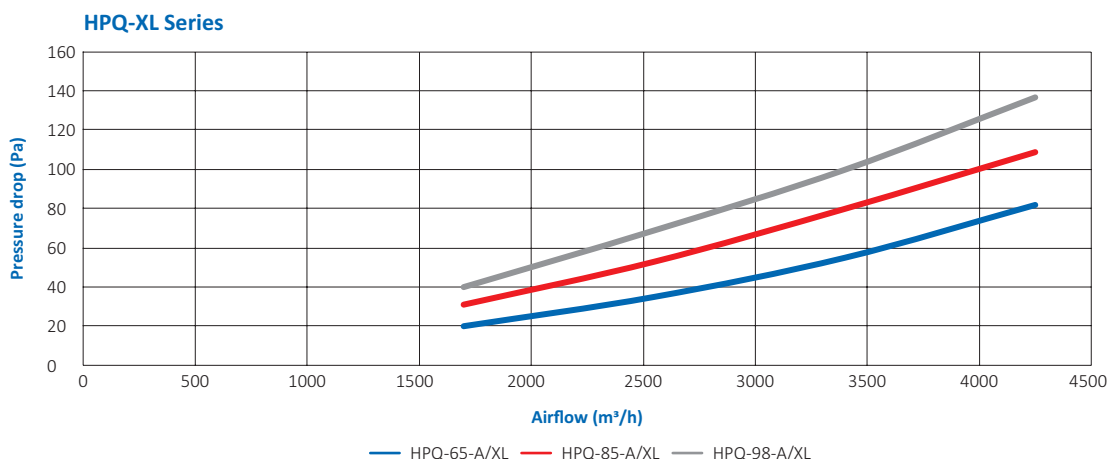
Maximum relative humidity: 90%

Comments: It is preferred to use a prefilter with these products

Advantages

- Small construction space
- Lower pressure drop relative to HPQ-serie
- Possible usage in almost every Heat Recovery Unit.
- Please inquire about the possibilities
- Maximum airflow 45% above nominal value

Type	Dimensions WxHxD (mm)	Filter class ISO 16890/EN1822	Filter surface (m²)	Airflow (m³/h)	Pressure drop (Pa)	# Filters/ box	Dimensions box (mm)	Energy label*
HPQ-65-A/XL	592x592x420	ePM2,5 55%	25,0	3400	55	1	605x435x605	A
HPQ-65-B/XL	490x592x420	ePM2,5 55%	20,4	2800	55	1	605x435x505	A
HPQ-65-C/XL	288x592x420	ePM2,5 55%	11,2	1700	55	2	605x435x305	A
HPQ-85-A/XL	592x592x420	ePM1 55%	25,0	3400	80	1	605x435x605	A
HPQ-85-B/XL	490x592x420	ePM1 55%	20,4	2800	80	1	605x435x505	A
HPQ-85-C/XL	288x592x420	ePM1 55%	11,2	1700	80	2	605x435x305	A
HPQ-98-A/XL	592x592x420	ePM1 80%	25,0	3400	100	1	605x435x605	B
HPQ-98-B/XL	490x592x420	ePM1 80%	20,4	2800	100	1	605x435x505	B
HPQ-98-C/XL	288x592x420	ePM1 80%	11,2	1700	100	2	605x435x305	B
HPQ-E10-A/XL**	592x592x420	E10	25,0	3400	155	1	605x435x605	-
HPQ-E10-B/XL**	490x592x420	E10	20,4	2800	155	1	605x435x505	-
HPQ-E10-C/XL**	288x592x420	E10	11,2	1700	155	2	605x435x305	-
HPQ-E11-A/XL**	592x592x420	E11	25,0	2000	120	1	605x435x605	-
HPQ-E11-B/XL**	490x592x420	E11	20,4	1500	120	1	605x435x505	-
HPQ-E11-C/XL**	288x592x420	E11	11,2	1000	120	2	605x435x305	-
HPQ-E12-A/XL**	592x592x420	E12	25,0	2000	165	1	605x435x605	-
HPQ-E12-B/XL**	490x592x420	E12	20,4	1500	165	1	605x435x505	-
HPQ-E12-C/XL**	288x592x420	E12	11,2	1000	165	2	605x435x305	-



* According to Eurovent RS 4/C/001-2019

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Compact filters

HPQ-ECO-series

ePM2,5 ePM1



SPECIFICATIONS

Application: HVAC, Industry

Frame: Plastic

Spacers: Hotmelt

Bonding: 2 component polyurethane

Medium: Glass fibre paper

Gasket: Continuous poured gasket

Filter class according to ISO 16890: ePM2,5, ePM1

Maximum final pressure drop: 450Pa

Maximum temperature: 65°C

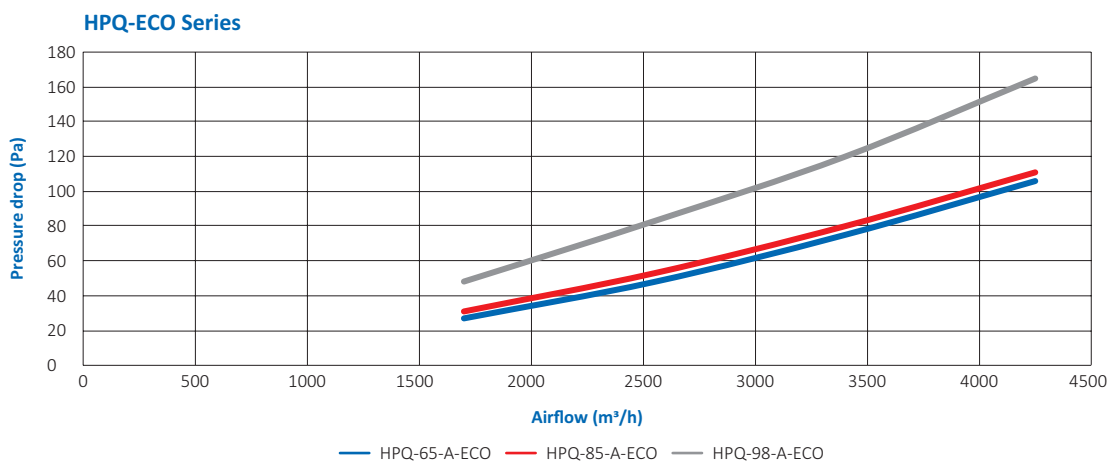
Maximum relative humidity: 90%

Comments: It is preferred to use a prefilter with these products

Advantages

- Small construction space
- Low pressure drop

Type	Dimensions WxHxD (mm)	Filter class ISO 16890	Filter surface (m ²)	Airflow (m ³ /h)	Pressure drop (Pa)	# Filters/ box	Dimensions box (mm)	Energy label*
HPQ-65-A-ECO	592x592x292	ePM2,5 55%	14,0	3400	75	1	605x305x605	C
HPQ-85-A-ECO	592x592x292	ePM1 55%	14,0	3400	80	1	605x305x605	C
HPQ-98-A-ECO	592x592x292	ePM1 80%	14,0	3400	120	1	605x305x605	C



* According to Eurovent RS 4/C/001-2019

Compact filters

PT-series

ePM2,5 ePM1 E10 E11 E12



SPECIFICATIONS

Application: Gasturbine filter, Industry

Frame: Plastic

Spacers: Hotmelt

Bonding: 2 component polyurethane

Medium: Glass fibre paper

Gasket: Continuous poured gasket

Filterklasse ISO 16890 / EN1822: ePM2,5, ePM1, E10, E11, E12

Maximum final pressure drop: 450Pa

Maximum temperature: 65°C

Maximum relative humidity: 90%

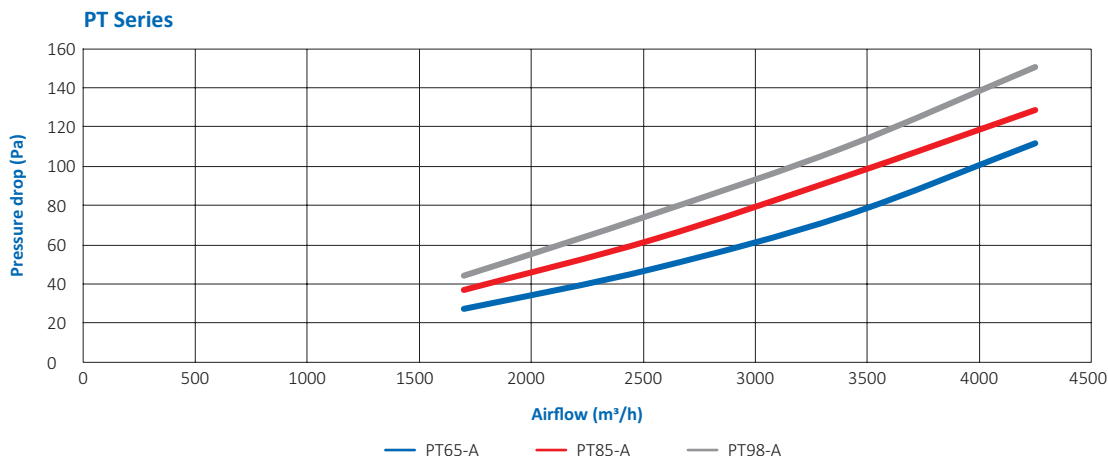
Burst pressure drop: 6000 Pa

Comments: It is preferred to use a prefilter with these products

Advantages

- Small construction space
- Low pressure drop
- Maximum airflow 45% above nominal value
- Strong construction

Type	Dimensions WxHxD (mm)	Filter class ISO 16890/EN1822	Filter surface (m²)	Airflow (m³/h)	Pressure drop (Pa)	# Filters/ box	Dimensions box (mm)	Energy label*
PT65-A	592x592x292	ePM2,5 55%	18,8	3400	75	1	605x305x605	B
PT85-A	592x592x292	ePM1 55%	18,8	3400	95	1	605x305x605	B
PT98-A	592x592x292	ePM1 80%	18,8	3400	110	1	605x305x605	B
PT-E10-A**	592x592x292	E10	18,8	3400	170	1	605x305x605	-
PT-E11-A**	592x592x292	E11	18,8	2000	130	1	605x305x605	-
PT-E12-A**	592x592x292	E12	18,8	2000	180	1	605x305x605	-



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Compact filters

PT-XL-series

ePM2,5 ePM1 E10 E11 E12



SPECIFICATIONS

Application: Gasturbine filter, Industry

Frame: Plastic

Spacers: Hotmelt

Bonding: 2 component polyurethane

Medium: Glass fibre paper

Gasket: Continuous poured gasket

Filterklasse ISO 16890 / EN1822: ePM2,5, ePM1, E10, E11, E12

Maximum final pressure drop: 450Pa

Maximum temperature: 65°C

Maximum relative humidity: 90%

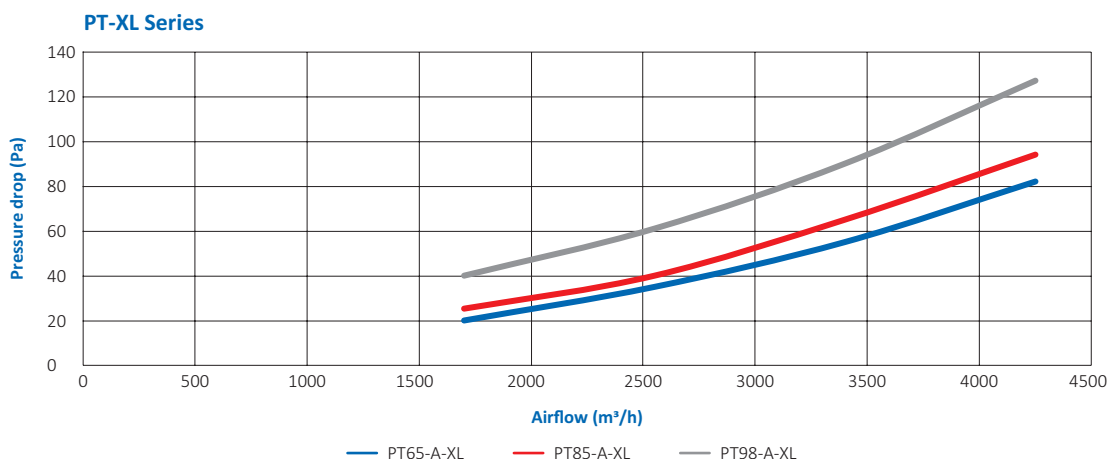
Burst pressure drop: 6000 Pa

Comments: It is preferred to use a prefilter with these products

Advantages

- Small construction space
- Low pressure drop
- Maximum airflow 45% above nominal value
- Strong construction

Type	Dimensions WxHxD (mm)	Filter class ISO 16890/EN1822	Filter surface (m²)	Airflow (m³/h)	Pressure drop (Pa)	# Filters/ box	Dimensions box (mm)	Energy label*
PT65-A-XL	592x592x400	ePM2,5 55%	25,0	3400	55	1	605x435x605	A
PT85-A-XL	592x592x400	ePM1 55%	25,0	3400	62	1	605x435x605	A
PT98-A-XL	592x592x400	ePM1 80%	25,0	3400	90	1	605x435x605	A
PT-E10-A-XL**	592x592x400	E10	25,0	3400	155	1	605x435x605	-
PT-E11-A-XL**	592x592x400	E11	25,0	2000	120	1	605x435x605	-
PT-E12-A-XL**	592x592x400	E12	25,0	2000	165	1	605x435x605	-



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Compact filters

CS-series

ePM1



SPECIFICATIONS

Application: HVAC, Industry

Frame: Plastic

Spacers: Hotmelt

Bonding: 2 component polyurethane

Medium: Glass fibre paper

Gasket: Continuous poured gasket

Filter class according to ISO 16890: ePM1

Maximum final pressure drop: 450Pa

Maximum temperature: 65°C

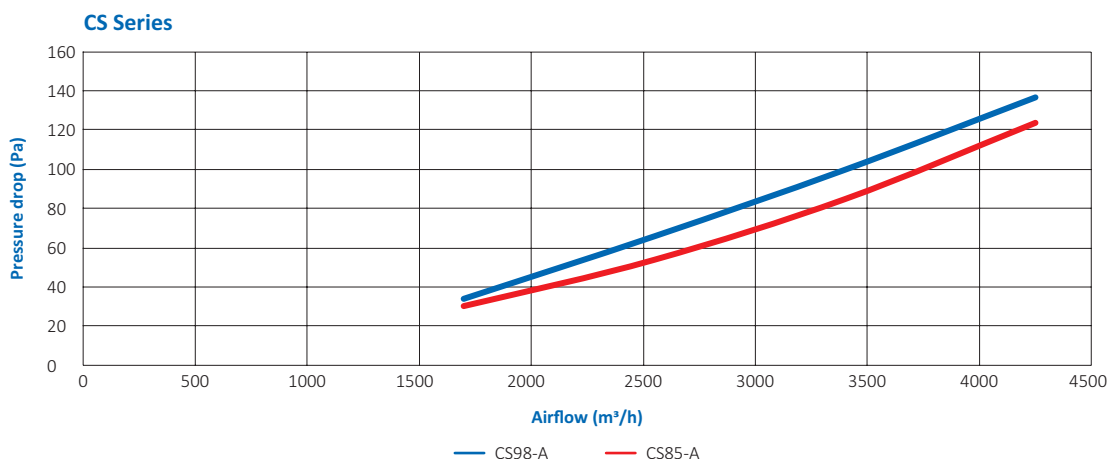
Maximum relative humidity: 90%

Comments: It is preferred to use a prefilter with these products

Advantages

- Small construction space
- Low pressure drop
- Maximum airflow 45% above nominal value

Type	Dimensions WxHxD (mm)	Filter class ISO 16890	Filter surface (m²)	Airflow (m³/h)	Pressure drop (Pa)	# Filters/ box	Dimensions box (mm)	Energy label*
CS85-A	592x592x292	ePM1 55%	18,8	3400	85	1	605x305x605	B
CS85-B	490x592x292	ePM1 55%	15,3	2800	85	1	605x305x505	B
CS85-C	288x592x292	ePM1 55%	8,4	1700	85	2	605x305x305	B
CS98-A	592x592x292	ePM1 80%	18,8	3400	100	1	605x305x605	B
CS98-B	490x592x292	ePM1 80%	15,3	2800	100	1	605x305x505	B
CS98-C	288x592x292	ePM1 80%	8,4	1700	100	2	605x305x305	B



* According to Eurovent RS 4/C/001-2019

Compact filters

CS-XL-series

ePM1



SPECIFICATIONS

Application: HVAC, Industry

Frame: Plastic

Spacers: Hotmelt

Bonding: 2 component polyurethane

Medium: Glass fibre paper

Gasket: Continuous poured gasket

Filter class according to ISO 16890: ePM1

Maximum final pressure drop: 450Pa

Maximum temperature: 65°C

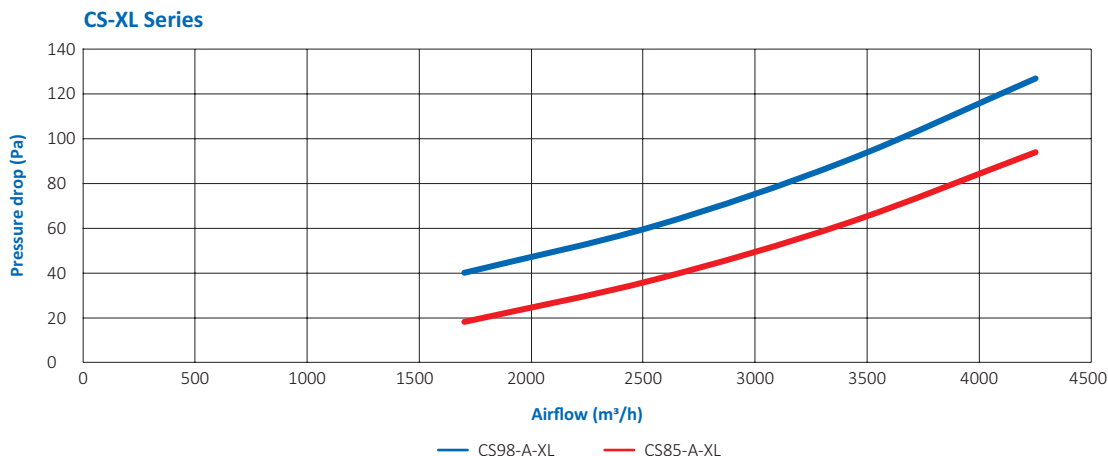
Maximum relative humidity: 90%

Comments: It is preferred to use a prefilter with these products

Advantages

- Small construction space
- Lower pressure drop relative to CS-serie
- Well suited for variable airflow volumes
- Maximum airflow 45% above nominal value

Type	Dimensions WxHxD (mm)	Filter class ISO 16890	Filter surface (m²)	Airflow (m³/h)	Pressure drop (Pa)	# Filters/box	Dimensions box (mm)	Energy label*
CS85-A-XL	592x592x420	ePM1 55%	25,0	3400	62	1	605x435x605	A+
CS85-B-XL	490x592x420	ePM1 55%	20,4	2800	62	1	605x435x505	A+
CS85-C-XL	288x592x420	ePM1 55%	11,2	1700	62	2	605x435x305	A+
CS98-A-XL	592x592x420	ePM1 80%	25,0	3400	90	1	605x435x605	A
CS98-B-XL	490x592x420	ePM1 80%	20,4	2800	90	1	605x435x505	A
CS98-C-XL	288x592x420	ePM1 80%	11,2	1700	90	2	605x435x305	A



* According to Eurovent RS 4/C/001-2019

Compact filters

HPQ-135G-series

ePM2,5 ePM1



SPECIFICATIONS

Application: HVAC, Industry

Frame: Galvanized steel

Spacers: Hotmelt

Bonding: 2 component polyurethane

Medium: Glass fibre paper

Gasket: Optional, Continuous poured gasket

Filter class according to ISO 16890: ePM2,5, ePM1

Maximum final pressure drop: 450Pa

Maximum temperature: 65°C

Maximum relative humidity: 90%

Comments: It is preferred to use a prefilter with these products

Advantages

- Small construction space
- Low pressure drop

Type	Dimensions WxHxD (mm)	Filter class ISO 16890	Filter surface (m²)	Airflow (m³/h)	Pressure drop (Pa)	# Filters/ box	Dimensions box (mm)	Energy label*
HPQ-65-A/135G	592x592x85	ePM2,5 55%	8,6	2500	120	2	605x605x183	-
HPQ-65-B/135G	490x592x85	ePM2,5 55%	7,0	2050	120	2	605x505x183	-
HPQ-65-C/135G	288x592x85	ePM2,5 55%	3,8	1200	120	4	605x605x183	-
HPQ-65-BC/135G	288x490x85	ePM2,5 55%	3,1	1030	120	4	605x605x183	-
HPQ-65-CC/135G	288x288x85	ePM2,5 55%	1,7	600	120	8	605x605x183	-
HPQ-85-A/135G	592x592x85	ePM1 55%	8,6	2500	150	2	605x605x183	-
HPQ-85-B/135G	490x592x85	ePM1 55%	7,0	2050	150	2	605x605x183	-
HPQ-85-C/135G	288x592x85	ePM1 55%	3,8	1200	150	4	605x605x183	-
HPQ-85-BC/135G	288x500x85	ePM1 55%	3,1	1030	150	4	605x605x183	-
HPQ-85-CC/135G	288x288x85	ePM1 55%	1,7	600	150	8	605x605x183	-

PANEL FILTERS

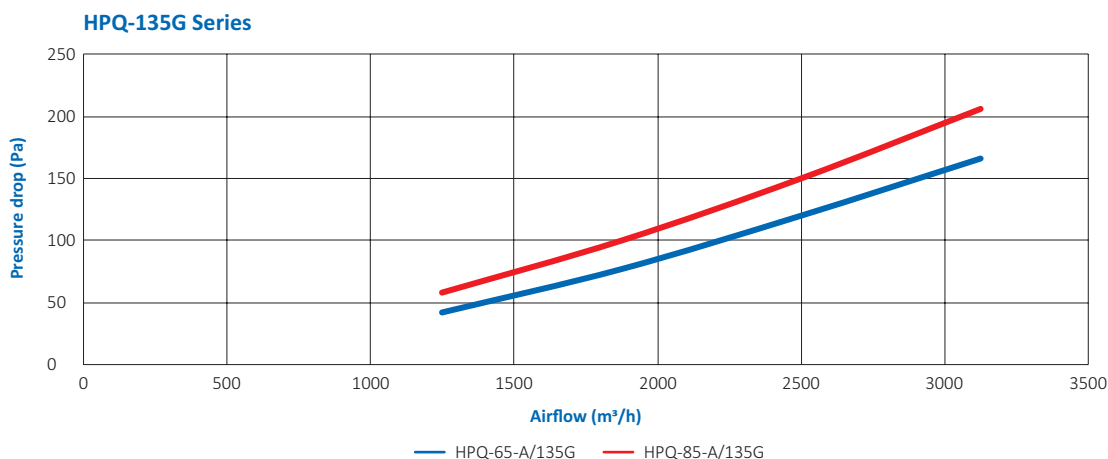
BAG FILTERS

COMPACT FILTERS

HEPA FILTERS

ACTIVE CARBON FILTERS

OTHER PRODUCTS



* According to Eurovent RS 4/C/001-2019

Compact filters

HPQ-AK-series



SPECIFICATIONS

Application: HVAC, Industry

Frame: Plastic

Spacers: Hotmelt

Bonding: 2 component polyurethane

Medium: Synthetic medium combined with activated carbon

Gasket: Optional, Continuous poured gasket

Filter class according to ISO 16890: ISO Coarse, ePM10

Maximum final pressure drop: 350Pa

Maximum temperature: 65°C

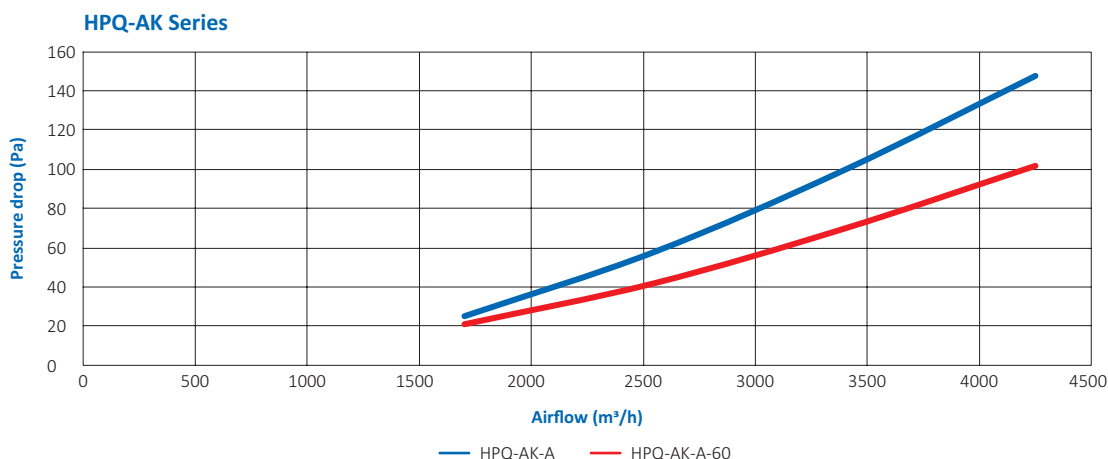
Maximum relative humidity: 90%

Comments: It is preferred to use a prefilter with these products

Advantages

- Small construction space
- Low pressure drop
- Combination filter

Type	Dimensions WxHxD (mm)	Filter class ISO 16890	Filter surface (m²)	Airflow (m³/h)	Pressure drop (Pa)	# Filters/ box	Dimensions box (mm)	Energy label*
HPQ-AK-A**	592x592x292	ISO Coarse 80%	8,3	3400	100	1	605x300x605	-
HPQ-AK-B**	490x592x292	ISO Coarse 80%	6,9	2800	100	1	605x300x505	-
HPQ-AK-C**	288x592x292	ISO Coarse 80%	4,0	1700	100	2	605x300x605	-
HPQ-AK-A-60	592x592x292	ePM10 60%	6,0	3400	70	1	605x300x605	D
HPQ-AK-A-60	490x592x292	ePM10 60%	4,9	2800	70	1	605x300x505	D
HPQ-AK-A-60	288x592x292	ePM10 60%	2,9	1700	70	2	605x300x605	D



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