camfil
CLEAN AIR SOLUTIONS

AIR FILTRATION PRODUCTS & SOLUTIONS

30/30 ®

Advantages

- Water resistant cardboard frame
- Robust construction
- Bonded cross members to maintain pleat spacing
- Fully supported media bonded onto a wire support grid
- Radial pleat design for full media utilization
- Replaceable filter media

Application: Prevention of dust and dirt build up on heating/cooling coils within ventilation systems
Type: Prefilter
Frame: Rigid water resistant cardboard
Media : Blended polyester
Recommended final pressure drop: 250 Pa
Temperature: 70°C maximum in continuous service
Holding frames: Front and side access housings and frames are available, Type 8 and FC Housings
Fire rating: UL 900

Article Number	Type	ASHRAE 52.2:2017	EN779:2012	ISO16890	Dimensions WxHxD (mm)	Air Flow/Pressure drop (m^3/hr/Pa)	Media area (m^2)	Weight (kg)
54862001	30/30 20x16x1	MERV A 8A	G4	Coarse 70%	394 x 495 x 22	1326/60	0.5	0.3
54862002	30/30 20x20x1	MERV A 8A	G4	Coarse 70%	495 x 495 x 22	1650/60	0.61	0.4
54862003	30/30 25x20x1	MERV A 8A	G4	Coarse 70%	495 x 622 x 22	2065/60	0.74	0.55
54862004	30/30 25x16x1	MERV A 8A	G4	Coarse 70%	394 x 622 x 22	1650/60	0.62	0.42
54862005	30/30 24x24x1	MERV A 8A	G4	Coarse 70%	594 x 594 x 22	2380/60	0.91	0.6
54862010	30/30 24x12x1	MERV A 8A	G4	Coarse 70%	292 x 594 x 22	1190/60	0.46	0.3
54862011	30/30 24x20x1	MERV A 8A	G4	Coarse 70%	495 x 594 x 22	1980/60	0.74	0.53
49880001	30/30 20x16x2	MERV A 8A	G4	Coarse 70%	394 x 495 x 44	1870/80	0.92	0.44
49880002	30/30 20x20x2	MERV A 8A	G4	Coarse 70%	495 x 495 x 44	2363/80	1.11	0.55
49880003	30/30 25x20x2	MERV A 8A	G4	Coarse 70%	495 x 622 x 44	2958/80	1.39	0.7
49880004	30/30 25x16x2	MERV A 8A	G4	Coarse 70%	394 x 622 x 44	2363/80	1.15	0.55
49880005	30/30 24x24x2	MERV A 8A	G4	Coarse 70%	594 x 594 x 44	3400/80	1.61	0.78
49880006	30/30 24x12x2	MERV A 8A	G4	Coarse 70%	289 x 594 x 44	1700/80	0.78	0.4
49880009	30/30 20x14x2	MERV A 8A	G4	Coarse 70%	343 x 495 x 44	1658/80	0.77	0.25
49880012	30/30 24x20x2	MERV A 8A	G4	Coarse 70%	495 x 594 x 44	2839/80	1.33	0.45
49880015	30/30 24x18x2	MERV A 8A	G4	Coarse 70%	444 x 594 x 44	2550/80	1.21	0.61
49880017	30/30 24x16x2	MERV A 8A	G4	Coarse 70%	394 x 594 x 44	2270/80	1.1	0.55
59413001	30/30 24x24x4	MERV A 8A	G4	Coarse 70%	594 x 594 x 95	3400/70	2.58	1.45
59413002	30/30 24x12x4	MERV A 8A	G4	Coarse 70%	289 x 594 x 95	1700/70	1.29	0.6
59413003	30/30 20x20x4	MERV A 8A	G4	Coarse 70%	492 x 492 x 95	2363/70	1.76	0.3
59413004	30/30 20x16x4	MERV A 8A	G4	Coarse 70%	390 x 492 x 95	1870/70	1.46	0.25
59413005	30/30 25x16x4	MERV A 8A	G4	Coarse 70%	390 x 619 x 95	2363/70	1.83	0.25
59413006	30/30 25x20x4	MERV A 8A	G4	Coarse 70%	492 x 619 x 95	2958/70	2.19	0.45
59413008	30/30 24x20x4	MERV A 8A	G4	Coarse 70%	492 x 594 x 95	2839/70	2.11	1.02
59413010	30/30 25x25x4	MERV A 8A	G4	Coarse 70%	619 x 619 x 95	3689/70	2.79	0.5

Dual10

Advantages

- Moisture resistant frame board
- Diagonal Support
- Radial Pleats
- Proprietary Dual High Lofted Fibers
- Welded Steel Grid with Corrosion Inhibitor
- Built Strong

Application: Prevention of dust and dirt build up on heating/cooling coils within ventilation systems
Type: Prefilter
Frame: Rigid water resistant cardboard
Media : Dual layered, blended polyester
Recommended final pressure drop: 250 Pa
Temperature: 70°C maximum in continuous service
Holding frames: Front and side access housings and frames are available, Type 8 and FC Housings
Fire rating: UL 900

Article Number	Type	ASHRAE 52.2:2017	EN 779:2012	ISO 16890	Dimensions WxHxD (mm)	Air Flow/Pressure drop (m^3/hr/Pa)	Media area (m^2)	Weight (kg)
540F-FG406331005	Dual10 24x24x2	MERV A 9A	M5	ePM10 50%	594x594x44	3400/75	1.56	0.78
540F-FG406331012	Dual10 24x20x2	MERV A 9A	M5	ePM10 50%	495x594x44	2839/75	1.30	0.47
540F-FG406331006	Dual10 24x12x2	MERV A 9A	M5	ePM10 50%	289x594x44	1700/75	0.78	0.40
540F-FG406331002	Dual10 20x20x2	MERV A 9A	M5	ePM10 50%	495x495x44	2363/75	1.09	0.45
540F-FG406332005	Dual10 24x24x4	MERV A 9A	M5	ePM10 50%	594x594x95	3400/68	2.47	1.50
540F-FG406332012	Dual10 24x20x4	MERV A 9A	M5	ePM10 50%	492x594x95	2839/68	2.05	1.10
540F-FG406332006	Dual10 24x12x4	MERV A 9A	M5	ePM10 50%	289x594x95	1700/68	1.24	0.75
540F-FG406332002	Dual10 20x20x4	MERV A 9A	M5	ePM10 50%	492x492x95	2363/68	1.70	1.00

Fan Coil Filters

Advantages

- Protection via 2 grids
- Ultra compact
- Supported media · upstream and downstream metal face grids
- Progressively built-up thermal bonded polyester fibre

Application: Prevention of dust and dirt build up on heating/cooling coils within ventilation systems
Type: Prefilter
Frame: Mill-finished aluminium profile
Media: Polyester fibre
Temperature max: 80°C · 100°C maximum in continuous service
Holding Frame: Type 8
Fire rating: DIN 53438 class F1

TESTED ISO16890 ACCORDING TO

TESTED EN 779:2012 ACCORDING TO

Article Number	Type	ASHRAE 52.2:2017	EN779:2012	ISO16890	Dimensions WxHxD (mm)	Air Flow/Pressure drop (m^3/hr/Pa)	Media area (m^2)	Weight (kg)
5404501	FCF 24x24x1-G3	MERV 6	G3	Coarse 50%	597 x 597 x 22	3400/115	0.356	1.35
5404511	FCF 24x12x1-G3	MERV 6	G3	Coarse 50%	597 x 292 x 22	1700/144	0.174	1.57
5404001	FCF 24x24x1-G4	MERV 7	G4	Coarse 60%	597 x 597 x 22	3400/140	0.356	1.39
5404002	FCF 24x12x1-G4	MERV 7	G4	Coarse 60%	597 x 292 x 22	1700/190	0.174	1.29

Media Holding Frame (MHF)

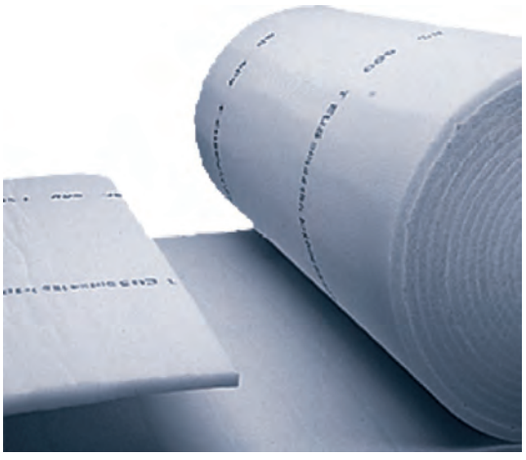
Advantages

- Suitable for high humidity conditions
- Replaceble filter media
- Progressively built-up thermal bonded polyester fibre

Application: Prevention of dust and dirt build up on heating/cooling coils within ventilation systems
Type: Prefilter
Frame: Mill-finished aluminium profile
Media: Polyester fibre
Temperature max: 80°C - 100°C maximum in continuous service
Holding Frame: Front and side access housings and frames are available, Type 8 and FC Housings
Fire Rating: DIN 53438 class F1

Article Number	Type	ASHRAE 52.2:2017	EN779:2012	ISO16890	Dimensions WxHxD (mm)	Air Flow/Pressure drop (m^3/hr/Pa)	Media area (m^2)	Weight (kg)
5402501	MHF 24x24x2-G3	MERV 6	G3	Coarse 50%	594 x 594 x 46	3400/100	0.57	1.17
5402502	MHF 12x24x2-G3	MERV 6	G3	Coarse 50%	289 x 594 x 46	1700/150	0.3	1.52
5402001	MHF 24x24x2-G4	MERV 7	G4	Coarse 60%	594 x 594 x 46	3400/110	0.57	1.69
5402002	MHF 12x24x2-G4	MERV 7	G4	Coarse 60%	289 x 594 x 46	1700/160	0.3	1.18

Media Rolls



Advantages

- **CM:**
  - Smooth airflow through paint booths
  - Progressively built up thermal bonded polyester fibre
- **CDM 600:**
  - Thermal bonded polyester fibre
  - Enhances laminar air flow patterns
  - Treated with special adhesive to prevent dust loss due to vibration

Application: CM: For use as a prefilter in air conditioning, and spray booth ventilation
CDM: For fine filtration in air conditioning devices and installations, particularly final filtration in Automotive spray booths and drying cabinets.
Type: Media Roll
Media: CM: Synthetic, CDM: Polyester fibre.
Temperature max: 80°C - 100°C maximum in continuous service
Fire Rating: DIN53438 class F1 for CM, UL 900 for CDM

Article Number	Type	Media	ASHRAE 52.2:2017	EN779:2012	ISO16890	Dimensions WxL (m)	Pressure drop (Pa)	Velocity (m/s)	Unit volume m^3
5200003	CM-355	Synthetic	MERV 6	G3	Coarse 50%	2.0 x 20	30	1.0	0.4
5200006	CM-360	Synthetic	MERV 7	G4	Coarse 60%	2.0 x 20	45	1.0	0.4
5200013	Camtex CDM600	Polyester Fiber	MERV 10	M5	Coarse 85%	2.0 x 20	85	1.0	0.8
5200015	Camtex CDM600	Polyester Fiber	MERV 10	M5	Coarse 85%	1.7 x 20	85	1.0	0.7

Hi-Flo UF

Advantages

- Comprehensive range of standard sizes
- New developed pocket design for the best air distribution
- Conical pockets
- Robust metal header frame
- High dust holding capacity

Application: Comfort air conditioning applications, pre filter applications
Type: Bag Filter
Frame: Galvanised steel
Media: Glass fiber
Dimensions: Filter front dimensions according EN 15805
Rec. final pressure drop acc. EN 13053: M5-F7: 200 Pa, F8-F9: 300 Pa
Maximum airflow: 1,25 x nominal flow
Temperature max: 70°C
RH. max: 100%
Mounting/Frames: Front and side access housings and frames are available
Fire rating: UL 900
SGBP : Applicable for F9 class (✓✓ VERY GOOD) only

Article Number	Model Name	ASHRAE 52.2:2017	EN 779:2012	ISO 16890	Dimensions WxHxD (mm)	Air Flow/ pressure drop (m^3/hr/Pa)	Bags	Media area (m^2)	Weight (kg)	Initial eff. (%)	ME (%)*	Energy consumption	Energy class
3140013	UF6	MERV A 11A	M6	ePM2.5 50%	592x592x600	3400/55	8	6	2.15	26	23	708	B
3140014	UG6	MERV A 11A	M6	ePM2.5 50%	490x592x600	2800/55	6	4.5	1.8				B
3140015	UH6	MERV A 11A	M6	ePM2.5 50%	287x592x600	1700/55	4	3	1.32				B
3140016	3UF6	MERV A 11A	M6	ePM2.5 50%	490x490x600	2334/70	6	4.1	1.65				B
3140041	UF7	MERV A 13A	F7	ePM1 60%	592x592x600	3400/75	8	6	2.2	56	54	978	B
3140042	UG7	MERV A 13A	F7	ePM1 60%	490x592x600	2800/75	6	4.5	1.8				B
3140043	UH7	MERV A 13A	F7	ePM1 60%	287x592x600	1700/75	4	3	1.32				B
3140044	3UF7	MERV A 13A	F7	ePM1 70%	490x490x600	2334/115	6	4.1	1.65				B
3140069	UF8	MERV A 14A	F8	ePM1 70%	592x592x600	3400/145	8	6	2.19	Eurovent not applicable			
3140070	UG8	MERV A 14A	F8	ePM1 70%	490x592x600	2800/145	6	4.5	1.8				
3140071	UH8	MERV A 14A	F8	ePM1 70%	287x592x600	1700/145	4	3	1.32				
3140072	3UF8	MERV A 14A	F8	ePM1 70%	490x490x600	2334/145	6	4.1	1.65				
3145012	UF9	MERV A 15A	F9	ePM1 85%	592x592x600	3400/170	8	6	2.19	88	86	2134	C
3145013	UG9	MERV A 15A	F9	ePM1 85%	490x592x600	2800/170	6	4.5	1.8				C
3145014	UH9	MERV A 15A	F9	ePM1 85%	287x592x600	1700/170	4	3	1.32				C
3145015	3UF9	MERV A 15A	F9	ePM1 85%	490x490x600	2334/145	6	3.6	1.65				C

** ME%: Minimum efficiency ref. to EN779:2012*
*** Energy Consumption, kWh/year: Calculated according to Eurovent Guideline 4/21-2014*
**** Energy class: according to Eurovent RS 4/C/001-2017*

S-Flo U

Advantages

- Multi-pocket bag filter
- Comprehensive range of standard sizes
- Robust metal header frame
- Unique pocket design
- Large surface area
- Controlled media spacing (CMS)

Application: Air conditioning applications
Type: Extended surface multi pocket bag filter
Case: Galvanised steel
Media: Synthetic fibre
Recommended final pressure drop: 450 Pa (suggested economical change point 250 Pa)
Temperature: 70°C maximum in continuous service
Holding frames: Front and side access housings and frames are available, Type 8 and FC Housings
Fire rating: UL 900

Article Number	Model Name	ASHRAE 52.2:2017	ISO16890	Dimensions WxHxD (mm)	Air Flow/pressure drop (m^3/hr/Pa)	Bags	Media area (m^2)	Weight (kg)
3300013	UF6	MERV 11	ePM10 70%	592x592x600	3400/75	8	6	2.65
3300014	UG6	MERV 11	ePM10 70%	490x592x600	2800/75	6	4.5	2.14
3300015	UH6	MERV 11	ePM10 70%	287x592x600	1700/75	4	3	1.54
3300037	UF7	MERV 13	ePM10 80%	592x592x600	3400/95	8	6	2.65
3300038	UG7	MERV 13	ePM10 80%	490x592x600	2800/95	6	4.5	2.14
3300039	UH7	MERV 13	ePM10 80%	287x592x600	1700/95	4	3	1.54
3300061	UF8	MERV 14	ePM10 85%	592x592x600	3400/110	8	6	2.65
3300062	UG8	MERV 14	ePM10 85%	490x592x600	2800/110	6	4.5	2.14
3300063	UH8	MERV 14	ePM10 85%	287x592x600	1700/110	4	3	1.54

20mm header frame is available on request

Opakfil ES

Advantages

- Long operating life
- Light and robust
- Very low Energy Consumption
- Less frequent changes
- Certified performance optimised for LCC
- Aerodynamic radial design

Application: Air conditioning applications and preparatory filtration in clean rooms
Type: V-Bank Filter
Frame: ABS
Media: Glass fiber
Separator: Hot Melt
Sealant: Polyurethane
Dimensions: Filter front dimensions according EN 15805
Rec. final pressure drop acc. EN 13053: M6-F7: 200 Pa, F8-F9 300 Pa
Maximum airflow: 1,25 x nominal flow
Temperature max: 70°C
RH. max: 100%
Mounting/Frames: Front and side access housings and frames are available
SGBP : Applicable for F8 (✓✓✓✓ LEADER) and F9 class (✓✓✓✓ LEADER) only

Article Number	Model Name	ASHRAE 52.2:2017	EN 779:2012	ISO 16890	Dimensions WxHxD (mm)	Air Flow/ pressure drop (m^3/hr/Pa)	Media area (m^2)	Weight (kg)	Initial eff. (%)	ME (%)*	Energy consumption	Energy class
2400501	OPGP-M6-0592/0592/0296-ES-00	MERV A 11A	M6	ePM10 70%	592x 592x 296	3400/ 60	17	5	23	23	900	C
2400502	OPGP-M6-0592/0490/0296-ES-00	MERV A 11A	M6	ePM10 70%	592x 490x 296	2800/ 60	14	4				C
2400503	OPGP-M6-0592/0287/0296-ES-00	MERV A 11A	M6	ePM10 70%	592x 287x 296	1700/ 60	8	3				C
2400601	OPGP-F7-0592/0592/0296-ES-00	MERV A 13A	F7	ePM1 55%	592x 592x 296	3400/ 65	17	5	44	44	782	A+
2400602	OPGP-F7-0592/0490/0296-ES-00	MERV A 13A	F7	ePM1 55%	592x 490x 296	2800/ 65	14	4				A+
2400603	OPGP-F7-0592/0287/0296-ES-00	MERV A 13A	F7	ePM1 55%	592x 287x 296	1700/ 65	8	3				A+
2400701	OPGP-F8-0592/0592/0296-ES-00	MERV A 14A	F8	ePM1 70%	592x 592x 296	3400/ 75	17	5	63	62	948	A+
2400702	OPGP-F8-0592/0490/0296-ES-00	MERV A 14A	F8	ePM1 70%	592x 490x 296	2800/ 75	14	4				A+
2400703	OPGP-F8-0592/0287/0296-ES-00	MERV A 14A	F8	ePM1 70%	592x 287x 296	1700/ 75	8	3				A+
2400801	OPGP-F9-0592/0592/0296-ES-00	MERV A 15A	F9	ePM1 80%	592x 592x 296	3400/ 90	17	5	79	78	1163	A+
2400802	OPGP-F9-0592/0490/0296-ES-00	MERV A 15A	F9	ePM1 80%	592x 490x 296	2800/ 90	14	4				A+
2400803	OPGP-F9-0592/0287/0296-ES-00	MERV A 15A	F9	ePM1 80%	592x 287x 296	1700/ 90	8	3				A+

** ME%: Minimum efficiency ref. to EN779:2012*
*** Energy Consumption, kWh/year: Calculated according to Eurovent Guideline 4/21-2014*
**** Energy class: according to Eurovent RS 4/C/001-2017*

Airopac Green

Advantages

- Low pressure drop
- Water resistant beverage board
- Large surface area
- Incinerable
- Rigid design concept
- High dust holding capacity

Application: Air conditioning applications and preparatory filtration in clean rooms
Type: High efficiency compact filter
Frame: Rigid water resistance beverage cardboard
Media: Glass fibre
Separator: Hot-melt beads
Sealant: Polyurethane
Recommended final pressure drop: 450 Pa (suggested economical change point 250 Pa)
Temperature: 70°C maximum in continuous service
Mounting system: Front and side access housing and frames are available
Holding frames: Type 8 and FC Housings

Article Number	Type	EN 779:2012	ISO16890	Dimensions WxHxD (mm)	Air Flow/pressure drop (m^3/hr/Pa)	Media area (m^2)	Weight (kg)
2700001	3GP-24244-60	M6	ePM10 70%	594x594x95	3400/70	11.8	3
2700002	3GP-20244-60	M6	ePM10 70%	492x594x95	2810/70	9.7	2.5
2700003	3GP-12244-60	M6	ePM10 70%	289x594x95	1645/80	5.7	1.6
2700004	3GP-20204-60	M6	ePM10 70%	492x492x95	2325/75	8	2.1
2700013	3GP-24244-90	F7	ePM1 55%	594x594x95	3400/130	11.8	3.1
2700014	3GP-20244-90	F7	ePM1 55%	492x594x95	2810/130	9.7	2.5
2700015	3GP-12244-90	F7	ePM1 55%	289x594x95	1645/155	5.7	1.6
2700016	3GP-20204-90	F7	ePM1 55%	492x492x95	2325/140	8	2.1
2700025	3GP-24244-95	F8	ePM1 70%	594x594x95	3400/150	11.8	3.1
2700026	3GP-20244-95	F8	ePM1 70%	492x594x95	2810/155	9.7	2.5
2700027	3GP-12244-95	F8	ePM1 70%	289x594x95	1645/175	5.7	1.6
2700028	3GP-20204-95	F8	ePM1 70%	492x492x95	2325/160	8	2.1

Megalam MD13 - Prosafe

Advantages

- Compliant to VDI 6022
- Microbial inert components acc. to ISO 846
- Tested for Food Contact acc. to EC 1935:2004
- Free of bisphenol-A, phthalate and formaldehyde
- Chemically resistant to inactivation and cleaning procedures

Application: HEPA filter for clean rooms and LAF benches
Type: Pleated Panel
Frame: Anodized aluminium
Gasket: Polyurethane, endless foamed
Media: Glass fiber
Separator: Hot melt beads
Sealant: Polyurethane
Faceguard: Expanded metal on both sides, painted (RAL 9010)
EN 1822 (Efficiency @ MPPS): H13(≥99.95%)
Rec. final pressure drop: 2x Initial pressure drop
Max. final pressure drop: MD: 500 Pa
Maximum airflow: Nominal flow rate (if not, efficiency drops)
Temperature max: 70°C
Remarks: Individually scan-tested acc. EN 1822:2009 with protocol and packed in PE-foil. Compliant with ProSafe** requirements. Other editions on request
Fire rating: UL 900

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m^3/hr/Pa)	Media area (m^2)	Weight (kg)
15002002	MD13- 305x610-10/22	H13	305x610x66	301/116	4.8	2.75
15002003	MD13- 610x610-10/22	H13	610x610x66	603/115	9.7	4.66
15002005	MD13- 914x610-10/22	H13	914x610x66	903/114	14.6	6.56
15002006	MD13- 1219x610-10/22	H13	1219x610x66	1205/114	19.5	8.47
15041190	MD13- 610x610x76-11/22	H13	610x610x76	603/118	9.7	10.38

**Other sizes are available on request*

Megalam MD14, MX14, MG14 - Prosafe

Advantages

- Compliant to VDI 6022
- Microbial inert components acc. to ISO 846
- Tested for Food Contact acc. to EC 1935:2004
- Free of bisphenol-A, phthalate and formaldehyde
- Chemically resistant to inactivation and cleaning procedures

Application: ULPA filter for clean rooms and LAF benches
Type: Pleated Panel
Frame: Anodized aluminium
Gasket: Polyurethane, endless foamed
Media: Glass fiber
Separator: Hot melt beads
Sealant: Polyurethane
Faceguard: Expanded metal on both side, painted (RAL 9010)
EN 1822 (Efficiency @ MPPS): H14(≥99.995%)
Rec. final pressure drop: 2x Initial pressure drop
Max. final pressure drop: MD: 500 Pa, MX: 600 Pa, MG: 800 Pa
Maximum airflow: Nominal flow rate (if not, efficiency drops)
Temperature max: 70°C
Remarks: Individually scan-tested acc. EN 1822:2009 with protocol and packed in PE-foil. Compliant with ProSafe** requirements. Other editions on request
Fire rating: UL 900

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
15002202	Megalam MD14-305x610-10/22	H14	305x610x66	301/142	4.8	2.68
15002203	Megalam MD14-610x610-10/22	H14	610x610x66	603/141	9.7	4.52
15002205	Megalam MD14-914x610-10/22	H14	914x610x66	903/140	14.6	6.36
15002206	Megalam MD14-1219x610-10/22	H14	1219x610x66	1205/140	19.5	8.2
15002802	Megalam MX14-305x610-10/22	H14	305x610x90	301/96	6.6	3.21
15002803	Megalam MX14-610x610-10/22	H14	610x610x90	603/96	13.2	5.42
15002805	Megalam MX14-914x610-10/22	H14	914x610x90	903/95	19.9	7.62
15002806	Megalam MX14-1219x610-10/22	H14	1219x610x90	1205/95	26.6	9.83
15003402	Megalam MG14-305x610-10/22	H14	305x610x110	301/65	8.7	3.98
15003403	Megalam MG14-610x610-10/22	H14	610x610x110	603/65	17.5	6.84
15003405	Megalam MG14-914x610-10/22	H14	914x610x110	903/64	26.3	9.69
15003406	Megalam MG14-1219x610-10/22	H14	1219x610x110	1205/64	35.2	12.55

**Other sizes are available on request*

Megalam MD15, MX15, MG15 - Prosafe

Advantages

- Compliant to VDI 6022
- Microbial inert components acc. to ISO 846
- Tested for Food Contact acc. to EC 1935:2004
- Free of bisphenol-A, phthalate and formaldehyde
- Chemically resistant to inactivation and cleaning procedures

Application: ULPA filter for clean rooms and LAF benches
Type: Pleated Panel
Frame: Anodized aluminium
Gasket: Polyurethane, endless foamed
Media: Glass fiber
Separator: Hot melt beads
Sealant: Polyurethane
Faceguard: Expanded metal on both side, painted (RAL 9010)
EN 1822 (Efficiency @ MPPS): U15(≥99.9995%)
Rec. final pressure drop: 2x Initial pressure drop
Max. final pressure drop: MD: 500 Pa, MX: 600 Pa, MG: 800 Pa
Maximum airflow: Nominal flow rate (if not, efficiency drops)
Temperature max: 70°C
Remarks: Individually scan-tested acc. EN 1822:2009 with protocol and packed in PE-foil. Compliant with ProSafe** requirements. Other editions on request
Fire rating: UL 900

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
15002402	Megalam MD15-305x610-10/22	U15	305x610x66	301/146	5.6	2.86
15002403	Megalam MD15-610x610-10/22	U15	610x610x66	603/146	11.3	4.88
15002405	Megalam MD15-914x610-10/22	U15	914x610x66	903/145	17.1	6.9
15002406	Megalam MD15-1219x610-10/22	U15	1219x610x66	1205/145	22.7	8.92
15003002	Megalam MX15-305x610-10/22	U15	305x610x90	301/116	7.5	3.41
15003003	Megalam MX15-610x610-10/22	U15	610x610x90	603/115	15.2	5.82
15003005	Megalam MX15-914x610-10/22	U15	914x610x90	903/115	22.8	8.23
15003006	Megalam MX15-1219x610-10/22	U15	1219x610x90	1205/115	30.5	10.65
15003602	Megalam MG15-305x610-10/22	U15	305x610x110	301/81	9.3	3.89
15003603	Megalam MG15-610x610-10/22	U15	610x610x110	603/81	18.8	6.66
15003605	Megalam MG15-914x610-10/22	U15	914x610x110	903/80	28.2	9.42
15003606	Megalam MG15-1219x610-10/22	U15	1219x610x110	1205/80	37.8	12.19

Other sizes are available on request

Absolute CE

Advantages

- Range of standard sizes
- Compact design
- Very high efficiency
- HI3 are individually tested

Application: Very high efficiency final filtration in air conditioning systems housings·ducts or diffusers
Type: Close pleated very high efficiency filter
Frame: Electro Zinc
Gasket: Polyurethane, endless foamed
Media: Glass fibre
Separator: Hot melt beads
Sealant: Polyurethane
MPPS efficiency: E11: ≥ 95%, H13: ≥ 99.95%
DOP efficiency: ≥ 99%
Recommended final pressure drop: 500 Pa
Maximum flow rate: Nominal flow rate, otherwise reduction in efficiency
Temperature: 70°C maximum in continuous service
Mounting systems: FCB Housings, Ducts, Diffusers, CAMSAFE
Fire rating: DIN 53438 Class Fl

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m^3/hr/Pa)	Media area (m^2)	Weight (kg)
1400508	CED11·305x305x150·P0	E11	305x305x150	290/125	2.2	4
1400506	CED11·457x457x150·P0	E11	457x457x150	660/125	4.9	10
1400505	CED11·575x575x150·P0	E11	575x575x150	1055/125	7.8	11
1400507	CED11·305x610x150·P0	E11	305x610x150	590/125	4.4	6
1400504	CED11·610x610x150·P0	E11	610x610x150	1190/125	8.9	12
1400503	CED11·762x610x150·P0	E11	762x610x150	1490/125	11.1	13.5
1400502	CED11·914x610x150·P0	E11	914x610x150	1790/125	13.3	15
1400501	CED11·1219x610x150·P0	E11	1219x610x150	2380/125	17.7	18
1400558	CEX11·305x305x150·P0	E11	305x305x150	380/125	3	4
1400556	CEX11·457x457x150·P0	E11	457x457x150	865/125	6.9	10
1400555	CEX11·575x575x150·P0	E11	575x575x150	1385/125	11	11
1400557	CEX11·305x610x150·P0	E11	305x610x150	770/125	6.1	6
1400554	CEX11·610x610x150·P0	E11	610x610x150	1560/125	12.4	12
1400553	CEX11·762x610x150·P0	E11	762x610x150	1950/125	15.5	13.5
1400552	CEX11·914x610x150·P0	E11	914x610x150	2335/125	18.6	15
1400551	CEX11·1219x610x150·P0	E11	1219x610x150	3120/125	24.8	18
1400654	CEG11·305x610x292·P0	E11	305x610x292	950/125	7.2	7.2
1400653	CEG11·457x610x292·P0	E11	457x610x292	1420/125	10.8	9.9
1400652	CEG11·610x610x292·P0	E11	610x610x292	1900/125	14.4	12.5
1400651	CEG11·762x610x292·P0	E11	762x610x292	2380/125	18	16
1400704	CET11·305x610x292·P0	E11	305x610x292	1190/125	10.9	7.2
1400703	CET11·457x610x292·P0	E11	457x610x292	1780/125	16.4	10
1400702	CET11·610x610x292·P0	E11	610x610x292	2380/125	21.8	13
1400701	CET11·762x610x292·P0	E11	762x610x292	2975/125	27	16.2

**Other sizes are available on request*

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m^3/hr/Pa)	Media area (m^2)	Weight (kg)
1400008	CED13-305x305x150-P0	H13	305x305x150	317/250	2.4	4
1400006	CED13-457x457x150-P0-S	H13	457x457x150	726/250	5.5	10
1400005	CED13-575x575x150-P0-S	H13	575x575x150	1161/250	8.7	11
1400007	CED13-305x610x150-P0-S	H13	305x610x150	645/250	4.9	6
1400004	CED13-610x610x150-P0-S	H13	610x610x150	1305/250	9.8	12
1400003	CED13-762x610x150-P0-S	H13	762x610x150	1635/250	12.3	13.5
1400002	CED13-914x610x150-P0-S	H13	914x610x150	1958/250	14.7	15
1400001	CED13-1219x610x150-P0-S	H13	1219x610x150	2618/250	19.7	18
1400058	CEX13-305x305x150-P0	H13	305x305x150	380/250	3.2	4
1400056	CEX13-457x457x150-P0-S	H13	457x457x150	867/250	7.4	10
1400055	CEX13-575x575x150-P0-S	H13	575x575x150	1384/250	12	11
1400057	CEX13-305x610x150-P0-S	H13	305x610x150	773/250	6.6	6
1400054	CEX13-610x610x150-P0-S	H13	610x610x150	1565/250	13.4	12
1400053	CEX13-762x610x150-P0-S	H13	762x610x150	1957/250	16.7	13.5
1400052	CEX13-914x610x150-P0-S	H13	914x610x150	2348/250	20.1	15
1400051	CEX13-1219x610x150-P0-S	H13	1219x610x150	3131/250	27.1	18
1400154	CEG13-305x610x292-P0-S	H13	305x610x292	893/250	7.8	7
1400153	CEG13-457x610x292-P0-S	H13	457x610x292	1340/250	11.7	9.9
1400152	CEG13-610x610x292-P0-S	H13	610x610x292	1804/250	15.7	12.5
1400151	CEG13-762x610x292-P0-S	H13	762x610x292	2251/250	19.6	16
1400204	CET13-305x610x292-P0-S	H13	305x610x292	1230/250	11.7	7
1400203	CET13-457x610x292-P0-S	H13	457x610x292	1850/250	17.5	9.9
1400202	CET13-610x610x292-P0-S	H13	610x610x292	2485/250	23.5	12.5
1400201	CET13-762x610x292-P0-S	H13	762x610x292	3100/250	29.4	16

**Other sizes are available on request*

Absolute VE XL, XXL

Advantages

- High air flow rates, up to 5000 m3/ hr
- Tested in accordance with EN1822
- Handle to assist with filter changes
- High filter surface area offers low pressure drop for energy savings and longer life
- HI3 and HI4 are individually tested

Application: Very high efficiency final filtration in air conditioning systems, housings and diffusers
Type: High air flow HEPA filter
Frame: Galvanised steel
Media: Glass fibre
Separator: Hot-melt beads
Sealant: Polyurethane
Gasket: Polyurethane, endless foamed
EN 1822:2009 filter class: E11, H13 and HI4
MPPS efficiency: E11:≥95%, HI3:≥99.95%, HI4:≥99.995%
DOP efficiency: ≥99%
Recommended final pressure drop: 600 Pa
Maximum air flow rate: See table, use nominal values otherwise a reduction in efficiency may occur
Temperature: 70°C maximum in continuous service
Mounting systems: Front and side access filter frames, FC Housings, terminal housings and safe change systems
Fire rating: DIN 53438 class FI

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
1700010	VEXL11-289x595x292-PR	E11	289x595x292	1700/250	16	13
1700009	VEXL11-595x595x292-PR	E11	595x595x292	4200/250	38	22
1700007	VEXL11-610x610x292-PR	E11	610x610x292	4000/250	21	13
1700008	VEXXL11-305x610x292-PR	E11	305x610x292	2000/250	14	9
1700006	VEXXL11-610x610x292-PR	E11	610x610x292	5000/250	35	16.5
1700002	VEL13-610x610x292-PR-S	H13	610x610x292	3400/250	33	16.5
1700005	VEXL13-289x595x292-PR-S	H13	289x595x292	1300/250	16	8.5
1700003	VEXL13-305x610x292-PR-S	H13	305x610x292	1700/250	16	9
1700004	VEXL13-595x595x292-PR-S	H13	595x595x292	3200/250	38	15.5
1700001	VEXL13-610x610x292-PR-S	H13	610x610x292	4000/250	40	16.5
1700013	VEXL14-305x610x292-PR-S	H14	305x610x292	1500/250	16	9
1700011	VEXL14-610x610x292-PR-S	H14	610x610x292	3000/250	40	16.5
1700018	VEXL14-305x610x292-PR-S	H14	305x610x292	1700/250	16	13
1700016	VEXL14-610x610x292-PR-S	H14	610x610x292	3400/250	40	16.5

**Other sizes,stainless steel or aluminium frames are available on request*

Absolute VG XL, XXL

Advantages

- High air flow
- Low pressure drop
- Optimized, compact construction
- High efficiency
- Halogen free
- VDI 6022
- Applicable up to 6000 m³/h air flow

Application: Efficiency final filtration in air conditioning systems, housings and diffusers
Type: V-Bank Box Filter
Frame: ABS
Gasket: Polyurethane, endless foamed
Media: Glass fiber
Separator: Hot melt beads
Sealant: Polyurethane
EN 1822 (Efficiency @ MPPS): E11(≥95%),H13(≥99,95%), H14(≥99,995%)
Rec. final pressure drop: 2x Initial pressure drop
Max. final pressure drop: 600 Pa
Maximum airflow: Nominal flow rate (if not, efficiency drops)
Temperature max: 70°C
Mounting/Frames: FKB, 4N, CamSafe2

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
1705008	VGXL11-610x610x292-PR	E11	610x610x290	4000/250	21	10
1705009	VGXXL11-305x610x292-PR	E11	305x610x292	2000/250	14	5
1705007	VGXXL11-610x610x292-PR	E11	610x610x292	5000/250	35	11
1705002	VGL13-610x610x292-PR-S	H13	610x610x292	3400/250	33	11
1705003	VGXL13-305x610x292-PR-S	H13	305x610x292	1700/250	16	5
1705001	VGXL13-610x610x292-PR-S	H13	610x610x292	4000/250	40	11
1705006	VGXL13-762x610x292-PR-S	H13	762x610x292	6000/380	46	14
1705014	VGXL14-305x610x292-PR-S	H14	305x610x292	1500/250	16	5
1705013	VGXL14-610x610x292-PR-S	H14	610x610x292	3000/250	40	11
1705016	VGXL14-305x610x292-PR-S	H14	305x610x292	1700/250	16	5
1705015	VGXL14-305x610x292-PR-S	H14	610x610x292	3400/250	40	11

**Other sizes,stainless steel or aluminium frames are available on request*

Absolute VGHF

Advantages

- Compact HEPA filter with header frame
- Incinerable

Application: High efficiency final filtration in air conditioning systems and industrial processes
Type: V-Bank Filter
Frame: Polypropylene, ABS
Media: Glass fiber
Separator: Hot melt beads
Sealant: Polyurethane
EN 1822 (Efficiency @ MPPS): E10(≥85%), H13(≥99,95%)
Rec. final pressure drop: 2x Initial pressure drop
Max. final pressure drop: 500 Pa
Temperature max: 70°C
Remarks: All filter scan-tested acc. EN 1822:2009 and individually packed in PE-foil. Other editions on request
Holding Frames: Front and side access housings and frames are available. Type 8 and FC housings.

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m^3/hr/Pa)	Media area (m^2)	Weight (kg)
2430003	VGHF10-592x287x292	E10	592x287x292	1700/250	8.4	3
2430002	VGHF10-592x490x292	E10	592x490x292	2850/250	15.2	4
2430001	VGHF10-592x592x292	E10	592x592x292	4000/250	18.5	5
2440002	VGHF13-592x287x292-0P-S	H13	592x287x292	1350/250	13.1	3
2440003	VGHF13-592x490x292-0P-S	H13	592x490x292	2450/250	24.2	4
2440001	VGHF13-592x592x292-0P-S	H13	592x592x292	3000/250	29.6	5

**Gasket available on request*