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Absolute CE



Advantages

- Range of standard sizes
- Compact design
- Very high efficiency
- H13 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: $\geq 95\%$, H13: $\geq 99.95\%$

DOP efficiency: $\geq 99\%$

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 F1

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 (m³/hr/Pa)	Media area (m²)	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 CM



Advantages

- Compact design concept
- Very high efficiency
- Incinerable
- Scannable

Application: HEPA filter for standard applications

Type: Box Filter

Frame: MDF

Gasket: Polyurethane, endless foamed

Media: Glass fiber

Separator: Hot melt beads

Sealant: Polyurethane

EN 1822 (Efficiency @ MPPS): E11: $\geq 95\%$; H13 ($\geq 99,95\%$)

Rec. final pressure drop: 2x Initial pressure drop

Max. final pressure drop: 800 Pa

Maximum airflow: Nominal flow rate (if not, efficiency drops)

Temperature max: 70°C

Remarks: All filters scan tested acc. EN 1822

Other options available: Galvanized frame

Fire rating: DIN 53438 Class F1

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m ³ /hr/Pa)	Media area (m ²)	Weight (kg)
1400758	CMD11-305x305x150-P0	E11	305x305x150	236/125	1.8	4
1400756	CMD11-457x457x150-P0	E11	457x457x150	580/125	4.3	10
1400755	CMD11-575x575x150-P0	E11	575x575x150	950/125	7.1	11
1400757	CMD11-305x610x150-P0	E11	305x610x150	505/125	3.8	6
1400754	CMD11-610x610x150-P0	E11	610x610x150	1080/125	8	12
1400753	CMD11-762x610x150-P0	E11	762x610x150	1370/125	10.1	13.5
1400752	CMD11-914x610x150-P0	E11	914x610x150	1650/125	12.3	15
1400751	CMD11-1219x610x150-P0	E11	1219x610x150	2220/125	16.5	18
1400808	CMX11-305x305x150-P0	E11	305x305x150	310/125	2.5	4
1400806	CMX11-457x457x150-P0	E11	457x457x150	760/125	6	10
1400805	CMX11-575x575x150-P0	E11	575x575x150	1245/125	9.9	11
1400807	CMX11-305x610x150-P0	E11	305x610x150	668/125	5.3	6
1400804	CMX11-610x610x150-P0	E11	610x610x150	1410/125	11.2	12
1400803	CMX11-762x610x150-P0	E11	762x610x150	1788/125	14.2	12
1400802	CMX11-914x610x150-P0	E11	914x610x150	2150/125	17.1	15
1400801	CMX11-1219x610x150-P0	E11	1219x610x150	2900/125	23	18
1400904	CMG11-305x610x292-P0	E11	305x610x292	815/125	6.2	7.2
1400903	CMG11-457x610x292-P0	E11	457x610x292	1265/125	9.6	9.6
1400902	CMG11-610x610x292-P0	E11	610x610x292	1735/125	13.1	13
1400901	CMG11-762x610x292-P0	E11	762x610x292	2180/125	16.6	16.5
1400954	CMT11-305x610x292-P0	E11	305x610x292	1015/125	9.2	7.2
1400953	CMT11-457x610x292-P0	E11	457x610x292	1585/125	14.4	10
1400952	CMT11-610x610x292-P0	E11	610x610x292	2170/125	19.8	13
1400951	CMT11-762x610x292-P0	E11	762x610x292	2725/125	25	16.2

*Other sizes are available on request

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
1400258	CMD13-305x305x150-P0	H13	305x305x150	258/250	1.9	4
1400256	CMD13-457x457x150-P0-S	H13	457x457x150	636/250	4.8	10
1400255	CMD13-575x575x150-P0-S	H13	575x575x150	1046/250	7.9	11
1400257	CMD13-305x610x150-P0-S	H13	305x610x150	553/250	4.2	6
1400254	CMD13-610x610x150-P0-S	H13	610x610x150	1183/250	8.9	12
1400253	CMD13-762x610x150-P0-S	H13	762x610x150	1497/250	11.3	13.5
1400252	CMD13-914x610x150-P0-S	H13	914x610x150	1805/250	13.6	15
1400251	CMD13-1219x610x150-P0-S	H13	1219x610x150	2434/250	18.3	18
1400308	CMX13-305x305x150-P0	H13	305x305x150	310/250	2.7	4
1400306	CMX13-457x457x150-P0-S	H13	457x457x150	760/250	6.5	8
1400305	CMX13-575x575x150-P0-S	H13	575x575x150	1247/250	10.7	10
1400307	CMX13-305x610x150-P0-S	H13	305x610x150	664/250	5.7	6
1400304	CMX13-610x610x150-P0-S	H13	610x610x150	1419/250	12.1	12
1400303	CMX13-762x610x150-P0-S	H13	762x610x150	1793/250	15.3	13.5
1400302	CMX13-914x610x150-P0-S	H13	914x610x150	2166/250	18.5	15
1400301	CMX13-1219x610x150-P0-S	H13	1219x610x150	2912/250	24.9	18
1400404	CMG13-305x610x292-P0-S	H13	305x610x292	770/250	6.7	7
1400403	CMG13-457x610x292-P0-S	H13	457x610x292	1210/250	10.5	9.9
1400402	CMG13-610x610x292-P0-S	H13	610x610x292	1635/250	14.2	12.5
1400401	CMG13-762x610x292-P0-S	H13	762x610x292	2075/250	18.1	16
1400454	CMT13-305x610x292-P0-S	H13	305x610x292	1060/250	10.1	7.2
1400453	CMT13-457x610x292-P0-S	H13	457x610x292	1670/250	15.8	10
1400452	CMT13-610x610x292-P0-S	H13	610x610x292	2250/250	21.3	13
1400451	CMT13-762x610x292-P0-S	H13	762x610x292	2855/250	27.1	16.2
*Other sizes are available on request						

Absolute DE



Advantages

- High air flow applications
- High quality glass fibre media
- High efficiency
- Flexibility in size
- H13 & H14 are individually tested

Application: HEPA-filter for high air flows

Type: HEPA-Filter

Frame: Galvanised Steel

Gasket: Polyurethane, endless foamed

Media: Glass fibre

Separators: Hot melt beads

Sealant: Polyurethane

EN 1822: 2009 filter class: H13, H14

MPPS Efficiency: H13: $\geq 99.95\%$, H14: $\geq 99.995\%$

DOP efficiency: $\geq 99.99\%$

Recommended final pressure drop: 500 Pa

Temperature/ Humidity: 70° C / 100% RH

Fire rating: DIN 53438 Class F1

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m ³ /hr/Pa)	Media area (m ²)	Weight (kg)
1408031	DE13-305x610x292-P0-S	H13	305x610x292	1500/250	19.8	13
1408032	DE13-610x610x292-P0-S	H13	610x610x292	3000/250	39.9	16
1408033	DE13-762x610x292-P0-S	H13	762x610x292	3750/250	50.1	20
1408034	DE14-305x610x292-P0-S	H14	305x610x292	1300/250	19.8	13
1408035	DE14-610x610x292-P0-S	H14	610x610x292	2600/250	39.9	16
1408036	DE14-762x610x292-P0-S	H14	762x610x292	3300/250	50.1	20

*Other sizes are available on request

Absolute DG



Advantages

- Rated airflow capacity of up to 3400 m³/h 610x610 (H13)
- Halogen free
- Low outgassing
- Flexible in the dimensions
- Lightweight and installation friendly
- VDI 6022
- Scannable

Application: HEPA-Filter for high air flows

Type: Box Filter

Frame: ABS

Gasket: Polyurethane, endless foamed

Media: Glass fiber

Separator: Hot melt beads

Sealant: Polyurethane

EN 1822 (Efficiency @ MPPS): H13(≥99,95%), H14(≥99,995%)

Rec. final pressure drop: 2x Initial pressure drop

Max. final pressure drop: 1000 Pa

Temperature max: 70°C

Remarks: All filters scan-tested acc. EN 1822:2009

Fire rating: DIN 53438 Class F1

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m ³ /hr/Pa)	Media area (m ²)	Weight (kg)
1408037	DG13-305x610x292-PO-OW-V	H13	305x610x292	1500/250	19.8	8.5
1408038	DG13-610x610x292-PO-OW-V	H13	610x610x292	3000/250	39.9	12
1408039	DG 13-762x610x292-PO-OW-V	H13	762x610x292	3750/250	50.1	15.5
1408040	DG14-305x610x292-PO-OW-V	H14	305x610x292	1300/250	19.8	8.5
1408041	DG14-610x610x292-PO-OW-V	H14	610x610x292	2600/250	39.9	12
1408042	DG14-762x610x292-PO-OW-V	H14	762x610x292	3300/250	50.1	15.5

*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
- H13 and H14 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 H14

MPPS efficiency: E11: ≥95%, H13: ≥99.95%, H14: ≥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 F1

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m ³ /hr/Pa)	Media area (m ²)	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	VEXL11-305x610x292-PR	E11	305x610x292	2000/250	14	9
1700006	VEXL11-610x610x292-PR	E11	610x610x292	5000/250	35	16.5
1700002	VEXL13-610x610x292-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)

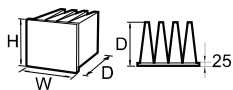
Temperature max: 70°C

Mounting/Frames: FKB, 4N, CamSafe2

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m ³ /hr/Pa)	Media area (m ²)	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($\geq 85\%$), H13($\geq 99,95\%$)

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-OP-S	H13	592x287x292	1350/250	13.1	3
2440003	VGHF13-592x490x292-OP-S	H13	592x490x292	2450/250	24.2	4
2440001	VGHF13-592x592x292-OP-S	H13	592x592x292	3000/250	29.6	5

*Gasket available on request

Absolute VEXL, VEXXL



Advantages

- 23% Energy Savings compared to market average
- Strong and airtight frame
- Machine-tested leak free construction
- Lightest V-bank steel HEPA in the industry
- Most convenient handling
- Optimized for Bag-in Bag-out safe change

Application: High airflow filter for make-up air and exhaust air applications

Type: V-Bank Box Filter

Frame: Galvanised steel

Gasket: Seamless PU-foam gasket

Media: Glass fiber

Separator: Hot Melt

Sealant: Polyurethane

EN 1822 (Efficiency @ MPPS): E10 ($\geq 85\%$), E11 ($\geq 95\%$), E12 ($\geq 99,5\%$), H13 ($\geq 99,95\%$), H14 ($\geq 99,995\%$)

Rec. final pressure drop: 2x Initial pressure drop

Max. final pressure drop: 600 Pa

Temperature max: 70°C

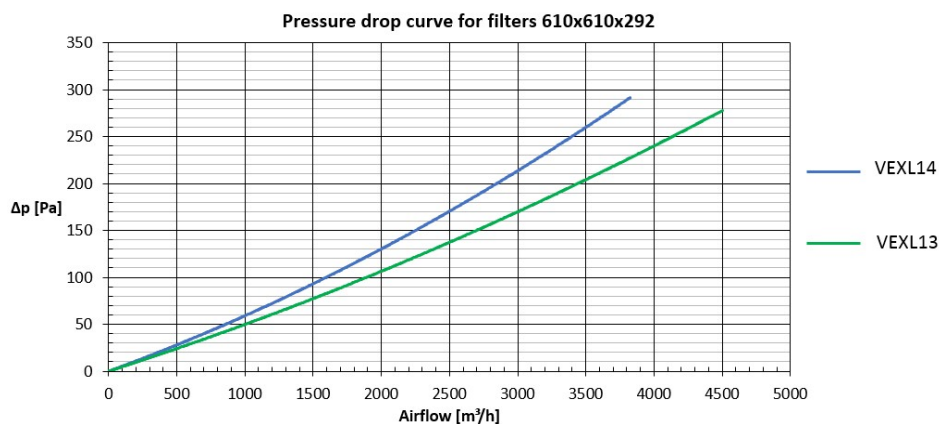
RH. max: 100%

Mounting/Frames: FKB, FKB/D, CamBox, CamSafe 2, CamCube

Remarks: Special versions on request (e.g. stainless steel frame or high temperature version 120°C)

Art. No.	Model Name	EN1822	Dimensions WxHxD (mm)	Air Flow (m³/h)	Pressure Drop (Pa) *	Media Area (m²)	Weight (kg)
ABV3021111000	VEXL10-610x305x292-P	E10	610x305x292	1500/1800	150/190	10,9	6,0
ABV6021111000	VEXL10-610x610x292-P	E10	610x610x292	3400/4000	150/190	22,0	9,0
ABV3031111000	VEXXL10-610x305x292-P	E10	610x305x292	2300	210	14,9	6,4
ABV6031111000	VEXXL10-610x610x292-P	E10	610x610x292	5000	210	30,2	9,9
ABV3121111000	VEXL11-610x305x292-P	E11	610x305x292	1500/1800	170/210	18,9	6,8
ABV6121111000	VEXL11-610x610x292-P	E11	610x610x292	3400/4000	170/210	38,3	10,7
ABV3221111000	VEXL12-610x305x292-P	E12	610x305x292	1500/1800	180/220	18,9	6,8
ABV6221111000	VEXL12-610x610x292-P	E12	610x610x292	3400/4000	180/220	38,3	10,7
ABV3321111000	VEXL13-610x305x292-P	H13	610x305x292	1500/1800	200/240	20,5	6,9
ABV6321111000	VEXL13-610x610x292-P	H13	610x610x292	3400/4000	200/240	41,6	11,0
ABV3331111000	VEXXL13-610x305x292-P	H13	610x305x292	2300	400	20,5	6,9
ABV6331111000	VEXXL13-610x610x292-P	H13	610x610x292	5000	400	41,6	11,0
ABV3421111000	VEXL14-610x305x292-P	H14	610x305x292	1500	250	20,5	6,9
ABV6421111000	VEXL14-610x610x292-P	H14	610x610x292	3400	250	41,6	11,0
ABV3431111000	VEXXL14-610x305x292-P	H14	610x305x292	1800	310	20,5	6,9
ABV6431111000	VEXXL14-610x610x292-P	H14	610x610x292	4000	310	41,6	11,0

* Pressure drop $\pm 10\%$



Absolute VGXL, VGXXL ProSafe



Advantages

- 23% Energy savings compared to market average
- Strong and airtight frame
- Hygienic product acc. to VDI6022 and ISO846
- Free of BPA, Formaldehyde, Phthalates
- Optimizing waste management: compact, lightweight and fully incinerable
- Lowest weight in the industry
- Food contact approved acc. to EC1935/2004
- Tested resistance against disinfectant and cleaning procedures
- Optimized for Bag-in Bag-out safe change*
- Machine-tested leak-free construction

Application: High Airflow filter for make-up air and exhaust air applications

Type: V-Bank Box Filter

Frame: ABS

Gasket: Seamless PU-foam gasket

Media: Glass fiber

Separator: Hot Melt

Sealant: Polyurethane

EN 1822 (Efficiency @ MPPS): E10 ($\geq 85\%$), E11 ($\geq 95\%$), E12 ($\geq 99,5\%$), H13 ($\geq 99,95\%$), H14 ($\geq 99,995\%$)

Rec. final pressure drop: 2x Initial pressure drop

Max. final pressure drop: 600 Pa

Temperature max: 70°C

RH. max: 100%

Mounting/Frames: FKB, 4N, CamCube, CamBox, CamSafe

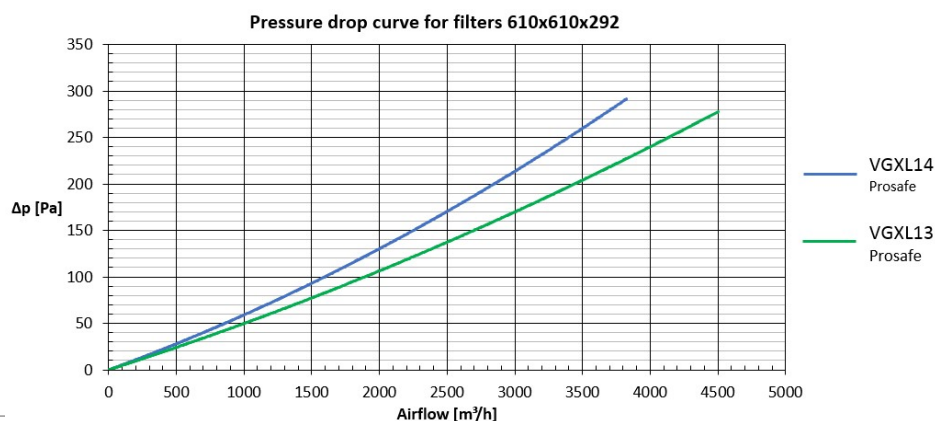
Remarks: Compliant with Prosafe** requirements

Art. No.	Model Name	EN1822	Dimensions WxHxD (mm)	Air Flow (m³/h)	Pressure Drop (Pa)***	Media Area (m²)	Weight (kg)
ABV3022111001	VGXL10-610x305x292-P-PS	E10	610x305x292	1500/1800	150/190	10,9	4,9
ABV6022111001	VGXL10-610x610x292-P-PS	E10	610x610x292	3400/4000	150/190	22,0	7,7
ABV3032111001	VGXXL10-610x305x292-P-PS	E10	610x305x292	2300	210	14,9	5,3
ABV6032111001	VGXXL10-610x610x292-P-PS	E10	610x610x292	5000	210	30,2	8,5
ABV3122111001	VGXL11-610x305x292-P-PS	E11	610x305x292	1500/1800	170/210	18,1	5,7
ABV6122111001	VGXL11-610x610x292-P-PS	E11	610x610x292	3400/4000	170/210	38,3	9,3
ABV3222111001	VGXL12-610x305x292-P-PS	E12	610x305x292	1500/1800	180/220	18,9	5,7
ABV6222111001	VGXL12-610x610x292-P-PS	E12	610x610x292	3400/4000	180/220	38,3	9,3
ABV3322111001	VGXL13-610x305x292-P-PS	H13	610x305x292	1500/1800	200/240	20,5	5,8
ABV6322111001	VGXL13-610x610x292-P-PS	H13	610x610x292	3400/4000	200/240	41,6	9,6
ABV3332111001	VGXXL13-610x305x292-P-PS	H13	610x305x292	2300	400	20,5	5,8
ABV6332111001	VGXXL13-610x610x292-P-PS	H13	610x610x292	5000	400	41,6	9,6
ABV3422111001	VGXL14-610x305x292-P-PS	H14	610x305x292	1500	250	20,5	5,8
ABV6422111001	VGXL14-610x610x292-P-PS	H14	610x610x292	3400	250	41,6	9,6
ABV3432111001	VGXXL14-610x305x292-P-PS	H14	610x305x292	1800	310	20,5	5,8
ABV6432111001	VGXXL14-610x610x292-P-PS	H14	610x610x292	4000	310	41,6	9,6

* Not available with pressure test "DIN" gasket

** All certificates and further information are available on www.camfil.com/prosafe

*** Pressure drop: $\pm 10\%$



Absolute VGXL ProSafe



Advantages

- 23% Energy savings compared to market average
- Strong and airtight frame
- Hygienic product acc. to VDI6022 and ISO846
- Free of BPA, Formaldehyde, Phthalates
- Optimizing waste management: compact, lightweight and fully incinerable
- Lowest weight in the industry
- Food contact approved acc. to EC1935/2004
- Tested resistance against disinfectant and cleaning procedures
- Machine-tested leak-free construction

Application: High Airflow filter for make-up air and exhaust air applications

Type: V-Bank Box Filter

Frame: ABS

Gasket: Seamless PU-foam gasket

Media: Glass fiber

Separator: Hot Melt

Sealant: Polyurethane

EN 1822 (Efficiency @ MPPS): E10 (≥85%), E11 (≥95%), E12 (≥99,5%), H13 (≥99,95%), H14 (≥99,995%)

Rec. final pressure drop: 2x Initial pressure drop

Max. final pressure drop: 600 Pa

Temperature max: 70°C

RH. max: 100%

Mounting/Frames: AHU, special housing

Remarks: Compliant with Prosafe* requirements

Art. No.	Model Name	EN1822	Dimensions WxHxD (mm)	Air Flow (m³/h)	Pressure Drop (Pa)**	Media Area (m²)	Weight (kg)
ABV2022111001	VGXL10-595x289x292-P-PS	E10	595x289x292	1500/1800	170/210	10,3	4,6
ABV5022111001	VGXL10-595x595x292-P-PS	E10	595x595x292	3400/4000	170/210	21,5	7,4
ABV2122111001	VGXL11-595x289x292-P-PS	E11	595x289x292	1500/1800	190/230	17,9	5,3
ABV5122111001	VGXL11-595x595x292-P-PS	E11	595x595x292	3400/4000	190/230	37,3	8,8
ABV2222111001	VGXL12-595x289x292-P-PS	E12	595x289x292	1500/1800	200/240	17,9	5,3
ABV5222111001	VGXL12-595x595x292-P-PS	E12	595x595x292	3400/4000	200/240	37,3	9,0
ABV2322111001	VGXL13-595x289x292-P-PS	H13	595x289x292	1500	220	19,4	5,5
ABV5322111001	VGXL13-595x595x292-P-PS	H13	595x595x292	3400	220	40,5	9,3
ABV2421111001	VGXL14-595x289x292-P-PS	H14	595x289x292	1500	270	19,4	5,5
ABV5422111001	VGXL14-595x595x292-P-PS	H14	595x595x292	3400	270	40,5	9,3

* All certificates and further information are available on www.camfil.com/prosafe

** Pressure drop: ± 10 %

Life Science industries demand more than Clean Air. It's not enough that the filter protects your products from undesirable particles. The filter must also be manufactured from materials that are proven not to contaminate the sensitive process. **Camfil Prosafe** offers various relevant compliances as microbial inertness acc. to ISO 846 / VDI6022 and food contact acc. to EC1935/2004 and 10/2011 as well as absence of harmful chemicals such as Phthalates, Formaldehyde. Camfil's material components have been tested to prove their resistance to decontamination agents over time.

Food safety compliant

ProSafe series is fully compliant with EC1935:2004.

Decontamination Agent resistance

Qualified resistance to most common agents like Hydrogen Peroxyde, Peracetic Acid.



Fully compliant with VDI6022 (German Hygienic Standard)



**PRO
SAFE**

Air filters for sensitive processes

Free of harmful chemicals

ProSafe range is guaranteed free from Bisphenol A, Phthalates or Formaldehyde.

Microbial Inertness

Materials cannot be nutrient substrates for viables.

Camfil Fabsafe air filters have been developed specifically for the most demanding high efficiency filtration needs for **optical and microelectronic applications** such as hard disk drives, semiconductor or flat panel manufacturing.

Ultra Low Outgassing Components

Fabsafe products are phosphorous free, refractory compounds free and without organic additives. Boron-free filters are available when dopants are a concern.

Nanoparticle filtration for advanced processes

The Fabsafe range was designed to remove nanoparticles (<100 nm) and Camfil is able to demonstrate Fabsafe performances down to 10 nm.



Clean aerosol scan test

All Fabsafe products are individually tested with a solid PSL aerosol to avoid release of VOC from oil based aerosols after filter installation.



**FAB
SAFE**

Air filters for electronics

Zero leak guarantee with 100% QA

Fabsafe products are guaranteed leak-free and local efficiency values are provided with individual test reports according to EN1822, IEST or relevant customer standards. This is important as microelectronic facilities are not allowed to inject aerosols inside cleanroom and potential leaks are therefore very difficult to measure in-situ.

Energy efficiency

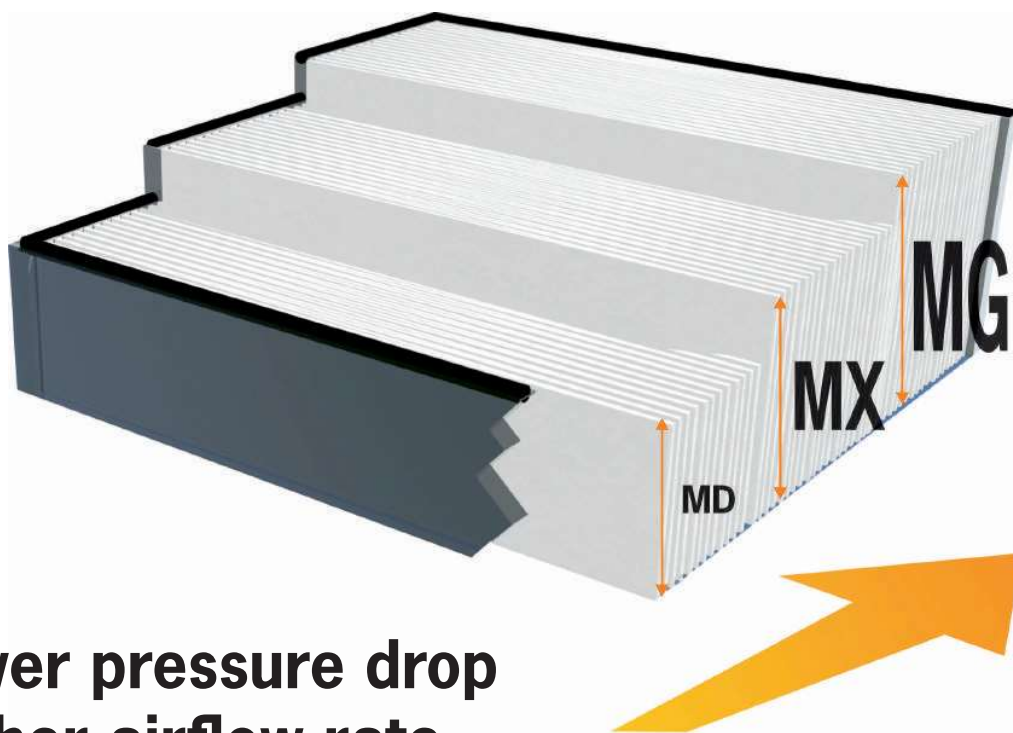
Membrane media or optimized glass fibre products allow for reduced energy cost and safe operation of fan filter units.



Advantages

- Low pressure drop
- Low noise
- Higher flow rate
- Longer operating life

Example : Megalam H14/610x610mm	MD	MX	MG
Pressure drop at 0.45 m/s	140Pa	95 Pa (-32%)	65 Pa (-54%)
Maximum airflow	900 m3/h	1300 m3/h	2000 m3/h
Energy		-32%	-54%
Lifespan	(-)	x1.5	x2.5



Lower pressure drop
Higher airflow rate
More energy savings
Longer operating life

We have included a range of standard configurations in this catalogue, but the Megalam series of clean room panels can be configured with a wide range of options to meet your requirement.

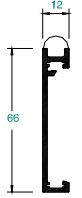
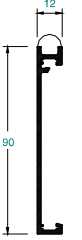
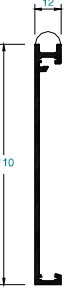
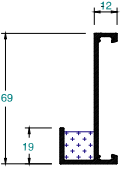
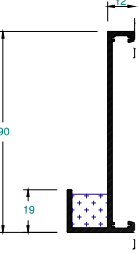
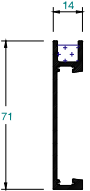
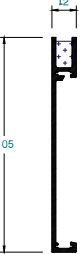
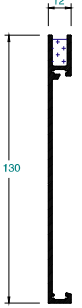
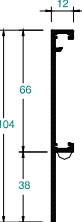
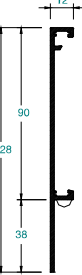
Options include (first item denotes the standard product):

Element	Options
Gasket	- Endless Polyurethane - Poron (FabSafe) - Neoprene - EPDM (FabSafe) - PU Gel - Silicone Gel - None
Faceguard	- RAL 9016 powder coated hot dip galvanized iron - Custom color powder coated hot dip galvanized - Iron - Stainless steel - Anodized aluminium - None
Frame type	- Anodized aluminium - Anodized aluminium knife type
High performance airflow distribution	- Glass fibre screen - Synthetic screen
Filter efficiency	- E10 - U17 according to EN1822 - Rating at 0.3µm or 0.12µm
Test Aerosol	- DEHS test aerosol - PSL (FabSafe) - None
Fire Rating	- DIN 53438 - UL 900
Media Options	- Glass fibre media - Boron-free glass fibre media - Membrane media



Extruded aluminium frames for megalam filters

This overview shows the different standard frame profile available.

Frame			
Seal	Filter Type:MD	MX	MG
GASKET			
LIQUID SEAL			
LIQUID SEAL			
KNIFE EDGE			

* Other profile configurations are available upon request.

Megalam (Gel) - 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: Extruded and anodized aluminium

Gasket: Polyurethane, endless foamed, Gel

Media: Glass fiber

Separator: Hot melt beads

Sealant: Polyurethane

Faceguard: Expanded metal at inlet side

EN 1822 (Efficiency @ MPPS): H13(≥99.95%)

Rec. final pressure drop: 2x Initial pressure drop

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)
15210093	Megalam MD13LS-305x610x71-10/22	H13	305x610x71	300/116	4.8	3.09
15210094	Megalam MD13LS-610x610x71-10/22	H13	610x610x71	605/115	9.7	5.17
15210095	Megalam MD13LS-914x610x71-10/22	H13	914x610x71	905/114	14.6	7.24
15210096	Megalam MD13LS-1219x610x71-10/22	H13	1219x610x71	1205/114	19.5	9.32

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%)

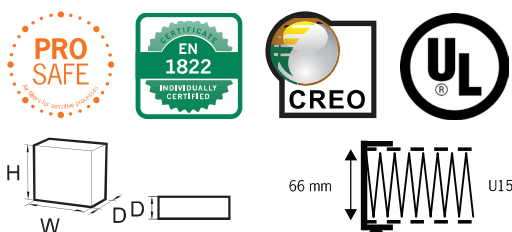
Rec. final pressure drop: 2x Initial pressure drop

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)
15002002	MD13- 305x610-10/22	H13	305x610x66	300/116	4.8	2.75
15002003	MD13- 610x610-10/22	H13	610x610x66	605/115	9.7	4.66
15002005	MD13- 914x610-10/22	H13	914x610x66	905/114	14.6	6.56
15002006	MD13- 1219x610-10/22	H13	1219x610x66	1205/114	19.5	8.47
15041190	MD13- 610x610x76-11/22	H13	610x610x76	605/118	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

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	300/142	4.8	2.68
15002203	Megalam MD14-610x610-10/22	H14	610x610x66	605/141	9.7	4.52
15002205	Megalam MD14-914x610-10/22	H14	914x610x66	905/140	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	300/96	6.6	3.21
15002803	Megalam MX14-610x610-10/22	H14	610x610x90	605/96	13.2	5.42
15002805	Megalam MX14-914x610-10/22	H14	914x610x90	905/95	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	300/65	8.7	3.98
15003403	Megalam MG14-610x610-10/22	H14	610x610x110	605/65	17.5	6.84
15003405	Megalam MG14-914x610-10/22	H14	914x610x110	905/64	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

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	300/146	5.6	2.86
15002403	Megalam MD15-610x610-10/22	U15	610x610x66	605/146	11.3	4.88
15002405	Megalam MD15-914x610-10/22	U15	914x610x66	905/145	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	300/116	7.5	3.41
15003003	Megalam MX15-610x610-10/22	U15	610x610x90	605/115	15.2	5.82
15003005	Megalam MX15-914x610-10/22	U15	914x610x90	905/115	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	300/81	9.3	3.89
15003603	Megalam MG15-610x610-10/22	U15	610x610x110	605/81	18.8	6.66
15003605	Megalam MG15-914x610-10/22	U15	914x610x110	905/80	28.2	9.42
15003606	Megalam MG15-1219x610-10/22	U15	1219x610x110	1205/80	37.8	12.19
Other sizes are available on request						

Megalam Fabsafe MD, MX, MG



Advantages

- Developed for safe use in microelectronic cleanrooms and equipment
- Ideal for nanoparticle filtration (100 nm)
- High dust holding capacity
- 100% filter scan test for guaranteed performance
- Filter scanned according to EN1822, IEST or other required standards
- Individual efficiency test reports
- Zero leak guarantee
- No organic outgassing from test aerosol
- Low outgassing adhesives and gasket (no organic flame retardant)
- Manufactured and packed in cleanroom environment

Application: Microelectronic cleanrooms and equipment. Nanoparticle filtration

Type: HEPA & ULPA filters

Frame: Extruded and anodized aluminium

Gasket: Low outgassing EPDM. Other on request

Media: Glass fibre, Boron-free glass fibre

Separator: Low outgassing hotmelt

Sealant: Low outgassing polyurethane

Faceguard: Powder coated expanded metal

Temperature/Humidity: Maximum 70°C / 100% RH

Test: 100% individual scan test according to EN1822, IEST RP-CC007 or required standard

Test aerosol: PSL. Oil free

Fire rating: UL900

Remarks: Many frame options and dimensions are available on request

Model Name	EN1822	Dimensions WxHxD (mm)	Pressure drop (Pa)	Filter Efficiency Particle d=20nm	Filter Efficiency Particle d=100-200nm	Filter Efficiency Particle d=300nm
Fabsafe MD H13	H13	1170x 1170x 66	110	≥99.999999%	≥99.95%	≥99.97%
Fabsafe MD H13	H13	1170x 570x 66	110	≥99.999999%	≥99.95%	≥99.97%
Fabsafe MD H14	H14	1170x 1170x 66	130	≥99.999999%	≥99.995%	≥99.997%
Fabsafe MD H14	H14	1170x 570x 66	130	≥99.999999%	≥99.995%	≥99.997%
Fabsafe MX H14	H14	1170x 1170x 90	90	≥99.999999%	≥99.995%	≥99.997%
Fabsafe MX H14	H14	1170x 570x 90	90	≥99.999999%	≥99.995%	≥99.997%
Fabsafe MG H14	H14	1170x 1170x 110	60	≥99.999999%	≥99.995%	≥99.999%
Fabsafe MG H14	H14	1170x 570x 110	60	≥99.999999%	≥99.995%	≥99.999%
Fabsafe MD U15	U15	1170x 1170x 66	140	≥99.9999999%	≥99.9995%	≥99.9997%
Fabsafe MD U15	U15	1170x 570x 66	140	≥99.9999999%	≥99.9995%	≥99.9997%
Fabsafe MX U15	U15	1170x 1170x 90	110	≥99.9999999%	≥99.9995%	≥99.9997%
Fabsafe MX U15	U15	1170x 570x 90	110	≥99.9999999%	≥99.9995%	≥99.9997%
Fabsafe MG U15	U15	1170x 1170x 110	80	≥99.9999999%	≥99.9995%	≥99.9999%
Fabsafe MG U15	U15	1170x 570x 110	80	≥99.9999999%	≥99.9995%	≥99.9999%
Fabsafe MX U16	U16	1170x 1170x 90	130	≥99.99999999%	≥99.99995%	≥99.99997%
Fabsafe MX U16	U16	1170x 570x 90	130	≥99.99999999%	≥99.99995%	≥99.99997%
Fabsafe MG U16	U16	1170x 1170x 110	90	≥99.99999999%	≥99.99995%	≥99.99999%
Fabsafe MG U16	U16	1170x 570x 110	90	≥99.99999999%	≥99.99995%	≥99.99999%

* Other sizes available on request

Megalam ES Fabsafe MD, MX, MG



Advantages

- Developed for safe use in microelectronic cleanrooms and equipment
- Energy savings through use of synthetic PTFE membrane technology
- Compact solution
- 100% filter scan test for guaranteed performance
- Filter scanned according to EN1822, IEST or other required standards
- Zero leak guarantee
- Individual efficiency test reports
- No organic outgassing from test aerosol
- Low outgassing adhesives and gasket (no organic flame retardant)
- Dopant free components
- Manufactured and packed in cleanroom environment

Application: Microelectronic cleanrooms and equipment. Low energy usage

Frame: Extruded and anodized aluminium

Gasket: Low outgassing EPDM. Other on request

Media: PTFE, dopant free

Separator: Low outgassing hotmelt

Sealant: Low outgassing polyurethane

Faceguard: Powder coated expanded metal

Temperature/Humidity: Maximum 70° C / 100% RH

Test: 100% individual scan test according to EN1822, IEST RP-CC007 or required standard

Test aerosol: PSL. Oil free

Fire rating: UL900

Remarks: Many frame options and dimensions are available on request

Model Name	EN1822	Dimensions WxHxD (mm)	Pressure drop (Pa)	Filter Efficiency Particle d=20nm	Filter Efficiency Particle d=100-200nm	Filter Efficiency Particle d=300nm
ES Fabsafe MD H14	H14	1170x 1170x 50	75	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MD H14	H14	1170x 570x 50	75	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MD H14	H14	1170x 1170x 66	60	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MD H14	H14	1170x 570x 66	60	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MX H14	H14	1170x 1170x 90	50	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MX H14	H14	1170x 570x 90	50	≥99.995%	≥99.995%	≥99.995%
ES Fabsafe MD U15	U15	1170x 1170x 50	90	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MD U15	U15	1170x 570x 50	90	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MD U15	U15	1170x 1170x 66	75	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MD U15	U15	1170x 570x 66	75	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MX U15	U15	1170x 1170x 90	65	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MX U15	U15	1170x 570x 90	65	≥99.9995%	≥99.9995%	≥99.9995%
ES Fabsafe MD U16	U16	1170x 1170x 66	105	≥99.99995%	≥99.99995%	≥99.99995%
ES Fabsafe MD U16	U16	1170x 570x 66	105	≥99.99995%	≥99.99995%	≥99.99995%
ES Fabsafe MX U16	U16	1170x 1170x 90	85	≥99.99995%	≥99.99995%	≥99.99995%
ES Fabsafe MX U16	U16	1170x 570x 90	85	≥99.99995%	≥99.99995%	≥99.99995%

*Other sizes available on request

Megalam Energuard - Prosafe



Advantages

- Compliant to VDI 6022
- Microbial inert components acc. to ISO 846
- Tested for Food Contact acc. to EC 1935:2004
- Durable media, forgives handling mistakes for 0% installation failure
- 30%-50% lower energy consumption than glass fiber filters
- Free of bisphenol-A, phthalate and formaldehyde
- Chemically resistant to inactivation and cleaning procedures

Application: For any application requiring terminal HEPA filtration including life science, food & beverage, hospitals.

Type: Close Pleated Filter

Frame: Anodized aluminium

Gasket: Polyurethane, endless foamed

Media: Binderless multi-fiber polymeric

Separator: Hot melt

Sealant: Polyurethane

Grille, Downstream: Expanded metal painted (RAL 9016)

Temperature max: 70°C

RH. max: 90%

Particle cleanliness: ISO Class 1; ISO Class 2; ISO Class 3; ISO Class 4; ISO Class 5; ISO Class 6; ISO Class 7; ISO Class 8; ISO Class 9

Comment: All filter tested acc. EN 1822:2009 with protocol and individually packed in PE-foil. Compliant with ProSafe** requirements. Other editions are available on request.

Article Number	Type	Filter Class	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
15091215	Megalam MD14 EG PS 305*305-10/02	H14	305x305x66	151/105	2.3	1.5
15091216	Megalam MD14 EG PS 305*610-10/02	H14	305x610x66	301/100	4.7	2.4
15091217	Megalam MD14 EG PS 610*610-10/02	H14	610x610x66	603/90	9.4	3.8
15091218	Megalam MD14 EG PS 1219*610-10/02	H14	1219x610x66	1205/90	18.9	7
15045807	Megalam MX14 EG PS 305*305-10/02	H14	305x305x90	151/80	3.5	1.8
15045808	Megalam MX14 EG PS 305*610-10/02	H14	305x610x90	301/75	7.1	3
15045809	Megalam MX14 EG PS 610*610-10/02	H14	610x610x90	603/65	14.2	4.9
15045810	Megalam MX14 EG PS 1219*610-10/02	H14	1219x610x90	1205/65	28.5	8.8

*Pressure drop ±10%

** All certification and further information are available on www.camfil.com/prosafe

Type-1PU = gasket placed upstream; Type-G10 = grid placed downstream

Megalam Energuard - Fabsafe



Advantages

- Compliant to VDI 6022
- Zero leak guarantee
- No organic outgassing from test aerosol
- Durable media, forgives handling mistakes for 0% installation failure
- Low outgassing adhesives and gasket (no organic flame retardant)
- 30%-50% lower energy consumption than glass fiber filters
- Long lifetime through depth loading filtration

Application: For any application requiring terminal HEPA filtration including semiconductor, microelectronic, wafer and photolithography areas.

Type: Close Pleated Filter

Frame: Anodized aluminium

Gasket: Polyurethane, endless foamed

Media: Binderless multi-fiber polymeric

Separator: Hot melt

Sealant: Polyurethane

Grille, Downstream: Expanded metal painted (RAL 9016)

Max. final pressure drop: MD: 500 Pa; Mx: 600 Pa

Temperature max: 70°C

RH. max: 90%

Particle cleanliness: ISO Class 1; ISO Class 2; ISO Class 3; ISO Class 4; ISO Class 5; ISO Class 6; ISO Class 7; ISO Class 8; ISO Class 9

Comment: All filter tested acc. EN 1822:2009 with protocol and individually packed in PE-foil. Compliant with FabSafe** requirements. Other editions are available on request.

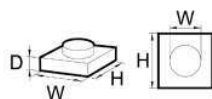
Article Number	Type	Filter Class	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
15091219	Megalam MD14 EG FS 610*610-10/02	H14	610x610x66	603/88	9.4	3.8
15091220	Megalam MD14 EG FS 1219*610-10/02	H14	1219x610x66	1205/88	18.9	7
15091221	Megalam MD14 EG FS 1219*1219-10/02	H14	1219x1219x66	2407/88	37.8	15.8
15092114	Megalam MD15 EG FS 610*610-10/02	U15	610x610x66	603/100	9.4	3.8
15092115	Megalam MD15 EG FS 1219*610-10/02	U15	1219x610x66	1205/100	18.9	7
15092116	Megalam MD15 EG FS 1219*1219-10/02	U15	1219x1219x66	2407/100	37.8	15.8
15045811	Megalam MX14 EG FS 610*610-10/02	H14	610x610x90	603/60	14.2	4.9
15045812	Megalam MX14 EG FS 1219*610-10/02	H14	1219x610x90	1205/60	28.5	8.8
15045813	Megalam MX14 EG FS 1219*1219-10/02	H14	1219x1219x90	2407/60	57.1	19.3
15058134	Megalam MX15 EG FS 610*610-10/02	U15	610x610x90	603/68	14.2	4.9
15058135	Megalam MX15 EG FS 1219*610-10/02	U15	1219x610x90	1205/68	28.5	8.8
15058136	Megalam MX15 EG FS 1219*1219-10/02	U15	1219x1219x90	2407/68	57.1	19.3

*Pressure drop ±10%

** All certification and further information are available on www.camfil.com/prosafe

Type-1PU = gasket placed upstream; Type -G10 = grid placed downstream

Silent Hood HD - H13



Advantages

- Compact filter-diffuser for clean room
- Ready to install
- Quiet: LW = 35 dB

Application: Final filtration for clean rooms

Type: Ready to install HEPA/ULPA filter diffuser

Frame: Extruded and anodized aluminium, galvanized steel cover

Gasket: Polyurethane, endless foamed

Media: Glass fibre

Separator: Hot melt beads

Sealant: Polyurethane

Terminal: Collar with outer dia. 305 mm (12in) or 250 mm (10in) depending on the model

Diffuser disc: Perforated aluminium

Faceguard: Expanded metal on outlet, powder coated RAL 9016

EN 1822 (Efficiency @ MPPS): H13(≥99.95%)

Rec. final pressure drop: 500 Pa

Maximum airflow: Nominal flow rate (if not, efficiency drops)

Temperature max: 70°C

Test: 100% individually scanned in accordance with EN 1822.

Mounting system: Integrated suspension eyes

Fire rating: UL 900

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
15300001	Megalam MD13-HD10-610x610-01/02	H13	610x610x110	605/130	9.7	9.28
15300002	Megalam MD13-HD10-914x610-01/02	H13	914x610x110	905/130	14.6	12.9
15300003	Megalam MD13-HD10-1219x610-01/02	H13	1219x610x110	1205/130	19.5	16.53
15301001	Megalam MD13-HD12-610x610-01/02	H13	610x610x110	605/130	9.7	8.42
15301002	Megalam MD13-HD12-914x610-01/02	H13	914x610x110	905/130	14.6	12.03
15301003	Megalam MD13-HD12-1219x610-01/02	H13	1219x610x110	1205/130	19.5	15.66

*Other sizes are available on request

Silent Hood HD - H14

Advantages

- Compact filter-diffuser for clean room
- Ready to install
- Quiet: LW = 35 dB



Application: Final filtration for clean rooms

Type: Ready to install HEPA/ULPA filter diffuser

Frame: Extruded and anodized aluminium, galvanized steel cover

Gasket: Polyurethane, endless foamed

Media: Glass fibre

Separator: Hot melt beads

Sealant: Polyurethane

Terminal: Collar with outer dia. 305 mm (12in) or 250 mm (10in) depending on the model

Diffuser disc: Perforated aluminium

Faceguard: Expanded metal on outlet, powder coated RAL 9016

EN 1822 (Efficiency @ MPPS): H14(≥99.995%)

Rec. final pressure drop: 500 Pa

Maximum airflow: Nominal flow rate (if not, efficiency drops)

Temperature max: 70°C

Test: 100% individually scanned in accordance with EN 1822.

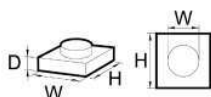
Mounting system: Integrated suspension eyes

Fire rating: UL 900

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
15300101	Megalam MD14-HD10-610x610-01/02	H14	610x610x110	605/150	9.7	9.28
15300102	Megalam MD14-HD10-914x610-01/02	H14	914x610x110	905/150	14.6	12.9
15300103	Megalam MD14-HD10-1219x610-01/02	H14	1219x610x110	1205/150	19.5	16.53
15300401	Megalam MX14-HD10-610x610-01/02	H14	610x610x133	605/110	13.2	10.55
15300402	Megalam MX14-HD10-914x610-01/02	H14	914x610x133	905/110	19.9	14.56
15300403	Megalam MX14-HD10-1219x610-01/02	H14	1219x610x133	1205/110	26.6	18.59
15300701	Megalam MG14-HD10-610x610-01/02	H14	610x610x155	605/80	17.1	12.16
15300703	Megalam MG14-HD10-1219x610-01/02	H14	1219x610x155	1205/80	34.7	21.42
15301101	Megalam MD14-HD12-610x610-01/02	H14	610x610x110	605/155	9.7	8.42
15301102	Megalam MD14-HD12-914x610-01/02	H14	914x610x110	905/155	14.6	12.03
15301103	Megalam MD14-HD12-1219x610-01/02	H14	1219x610x110	1205/155	19.5	15.66
15301401	Megalam MX14-HD12-610x610-01/02	H14	610x610x133	605/110	13.2	9.69
15301402	Megalam MX14-HD12-914x610-01/02	H14	914x610x133	905/110	19.9	13.7
15301403	Megalam MX14-HD12-1219x610-01/02	H14	1219x610x133	1205/110	26.6	17.72
15301701	Megalam MG14-HD12-610x610-01/02	H14	610x610x155	605/80	17.1	11.29
15301703	Megalam MG14-HD12-1219x610-01/02	H14	1219x610x155	1205/80	34.7	20.55

*Other sizes are available on request

Silent Hood HL - H13



Advantages

- Compact filter-diffuser for clean room
- Ready to install
- Quiet: LW = 35 dB
- Laminarity +/- 20%

Application: Final filtration for clean rooms

Type: Ready to install HEPA/ULPA filter diffuser

Frame: Extruded and anodized aluminium, galvanized steel cover

Gasket: Polyurethane, endless foamed

Media: Glass fibre

Separator: Hot melt beads

Sealant: Polyurethane

Terminal: Collar with outer dia. 305 mm (12in) or 250 mm (10in) depending on the model

Faceguard: Expanded metal on outlet, powder coated RAL 9016

EN 1822 (Efficiency @ MPPS): H13(≥99.95%)

Rec. final pressure drop: 500 Pa

Maximum airflow: Nominal flow rate (if not, efficiency drops)

Temperature max: 70°C

Test: 100% individually scanned in accordance with EN 1822.

Mounting system: Integrated suspension eyes

Fire rating: UL 900

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
15401001	Megalam MD13-HL10-610x610-01/02	H13	610x610x110	605/115	9.7	8.25
15401002	Megalam MD13-HL10-914x610-01/02	H13	914x610x110	905/114	14.6	11.87
15401003	Megalam MD13-HL10-1219x610-01/02	H13	1219x610x110	1205/114	19.5	15.5
15403001	Megalam MD13-HL12-610x610-01/02	H13	610x610x110	605/115	9.7	7.38
15403002	Megalam MD13-HL12-914x610-01/02	H13	914x610x110	905/114	14.6	11
15403003	Megalam MD13-HL12-1219x610-01/02	H13	1219x610x110	1205/114	19.5	14.63

*Other sizes are available on request

Silent Hood HL - H14



Advantages

- Compact filter-diffuser for clean room
- Quiet: LW = 35 dB
- Ready to install
- Laminarity +/- 20%

Application: Final filtration for clean rooms

Type: Ready to install HEPA/ULPA filter diffuser

Frame: Extruded and anodized aluminium, galvanized steel cover

Gasket: Polyurethane, endless foamed

Media: Glass fibre

Separator: Hot melt beads

Sealant: Polyurethane

Terminal: Collar with outer dia. 305 mm (12in) or 250 mm (10in) depending on the model

Faceguard: Expanded metal on outlet, powder coated RAL 9016

EN 1822 (Efficiency @ MPPS): H14(≥99.995%)

Rec. final pressure drop: 500 Pa

Maximum airflow: Nominal flow rate (if not, efficiency drops)

Temperature max: 70°C

Test: 100% individually scanned in accordance with EN 1822.

Mounting system: Integrated suspension eyes

Fire rating: UL 900

Article Number	Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
15401101	Megalam MD14-HL10-610*610-01/02	H14	610x610x110	605/141	9.7	8.25
15401102	Megalam MD14-HL10-914*610-01/02	H14	914x610x110	905/140	14.6	11.87
15401103	Megalam MD14-HL10-1219*610-01/02	H14	1219x610x110	1205/140	19.5	15.5
15401401	Megalam MX14-HL10-610*610-01/02	H14	610x610x133	605/96	13.2	9.18
15401402	Megalam MX14-HL10-914*610-01/02	H14	914x610x133	905/95	19.9	13.19
15401403	Megalam MX14-HL10-1219*610-01/02	H14	1219x610x133	1205/95	26.6	17.22
15403101	Megalam MD14-HL12-610*610-01/02	H14	610x610x110	605/141	9.7	7.38
15403102	Megalam MD14-HL12-914*610-01/02	H14	914x610x110	905/140	14.6	11
15403103	Megalam MD14-HL12-1219*610-01/02	H14	1219x610x110	1205/140	19.5	14.63
15403401	Megalam MX14-HL12-610*610-01/02	H14	610x610x133	605/96	13.2	8.32
15403402	Megalam MX14-HL12-914*610-01/02	H14	914x610x133	905/95	19.9	12.33
15403403	Megalam MX14-HL12-1219*610-01/02	H14	1219x610x133	1205/95	26.6	16.35

Termikfil 2000



Advantages

- Meets FDA requirements
- Maximum continuous operating temperature 350°C, efficiency 99.99% at 0.3 1.1m
- Ceramic frame
- Efficiency tested after precuring
- Exclusive precuring process at 300°C carried out in the plant

Application: Protection of ultra-clean processes at high temperature, sterilisation tunnels in the pharmaceutical industry

Type: Very high efficiency panel resistant to 350°C in continuous service

Frame: Composite ceramic

Gasket: Rolled glass fibre paper + 6mm dia glass braid

Media: Glass fibre

Separator: Glass strands

Sealant: Ceramic

Faceguard: Upstream and downstream in stainless steel

DOP efficiency: 99.99%

Maximum local penetration: 0.01% conforming to FDA requirements

Recommended final pressure drop: 350 Pa

Temperature: Up to 350°C in continuous service

Test: 100% after thermal treatment at 300°C

Mounting: A stainless steel adaptor frame can be supplied to reach the thickness of 150mm or 292mm

NB: To reduce fume emission when starting up, TERMIKFIIL undergoes a specific precuring cycle in the factory at 300°C using an exclusive CAMFIL process

Article Number	Model	Dimension (WxHxD) (mm)	Efficiency at 0.30µm %	Media area (m²)	Air flow/pressure drop (m³/h/Pa)	Weight (kg)
3415.07.00	4P4	457x457x84	99.9	5	675/250	3
3415.06.00	3P3	305x305x84	99.9	2.9	300/250	2
3415.01.00	3P6	305x610x84	99.9	5.9	600/250	4
3415.02.00	6P6	610x610x84	99.9	12.1	1200/250	5
3415.05.00	4P6	457x610x84	99.9	8.9	900/250	4
3415.03.00	7P6	762x610x84	99.9	15.3	1500/250	6
3415.04.00	9P6	915x610x84	99.9	18.5	1800/250	8

Soflair HT 120 - H13



Advantages

- High air flow rates
- With stand high temperature up to 120°C
- High filter surface area offers low pressure drop for energy savings and longer life
- Large media area

Applications: Industry and hospitals

Type: HEPA filter with high airflow

Frame: Galvanized steel with handle

Media: Glass fiber

Separator: Glass fiber threads

Sealant: Polyurethane

Gasket: Half-round neoprene 0.15 mm moulded in one piece, 99.995% MPPS (H13 according to EN 1822), 99.99 % 0.3µ

Temperature: 120°C maximum continuous

Mounting systems: FCBL-A housing

Article Number	Model	Dimension (WxHxD) (mm)	Media area (m ²)	Air flow/pressure drop (m ³ /h/Pa)	Weight (kg)
1561.02.00	SFR120-E-4000-H13	610x610x292	40	4000/250	23
1561.01.00	SFR120-E-3400-H13	610x610x292	33	3400/250	20
1564.01.00	SFR120-E-2500-H13	610x610x292	24	2500/25	19
1566.01.00	SFR120-E-1500-H13	305x610x292	16	1500/250	13
1567.01.50	SFR120-E-3200-H13	595x595x292	38	3200/250	22
1568.01.50	SFR120-E-1300-H13	289x595x292	16	1300/250	12

Aiopac® HT-HF



Advantages

- High efficiency
- 260°C/385°C max operating temperature
- Silicon free construction
- Compact design

Application: Paint bake ovens and other high temperature applications

Type: High efficiency, high temperature, silicon free compact filter

Frame: Galvanized steel

Gasket: Glass fibre

Media: Glass fibre

Separator: Corrugated aluminium

Sealant: Glass fibre

Grille: Galvanised steel upstream and downstream

EN779:2012 filter class: M6, F8

ASHRAE 52.2:2007 filter class: MERV 11, MERV 14

Recommended final pressure drop: 250 Pa

Temperature: 260°C maximum continuous, 385°C peak during 1 hour

Article Number	Model	MERV (A)	EN779	Dimension (WxHxD) (mm)	Media area (m²)	Air flow/pressure drop (m³/h/Pa)	Weight (kg)
2180001	3CPM-HT-122412-60	MERV 11(A)	M6	305x610x292	7.7	1700/80	5.6
2180002	3CPM-HT-242412-60	MERV 11(A)	M6	610x610x292	15.9	3400/75	9.5
2180004	3CPM-HT-242406-60	MERV 11(A)	M6	610x610x150	7.8	1700/30	5.6
2180005	3CPM-HT-122403-60	MERV 11(A)	M6	305x610x78	2.4	750/30	2
2180006	3CPM-HT-242403-60	MERV 11(A)	M6	610x610x78	4.9	1500/30	4
2181001	3CPM-HT-122412-90	MERV 14(A)	F8	305x610x292	7.7	1700/120	5.6
2181002	3CPM-HT-242412-90	MERV 14(A)	F8	610x610x292	15.9	3400/110	9.5
2181004	3CPM-HT-242406-90	MERV 14(A)	F8	610x610x150	7.8	1700/65	5.6
2181005	3CPM-HT-122403-90	MERV 14(A)	F8	305x610x78	2.4	750/80	2
2181006	3CPM-HT-242403-90	MERV 14(A)	F8	610x610x78	4.9	1500/80	4
2181007	3CPM-HT-305*610*52-90	MERV 14(A)	F8	305x610x52	2.7	750/90	1.8
2181008	3CPM-HT-610*610*52-90	MERV 14(A)	F8	610x610x52	5.4	1500/90	3.6
2181009	3CPM-HT-480*480*78-90	MERV 14(A)	F8	480x480x78	2.3	800/80	2.1
2181010	3CPM-HT-915*457*78-90	MERV 14(A)	F8	915x457x78	5.7	2000/100	4.5
2181011	3CPM-HT-762*457*78-90	MERV 14(A)	F8	762x457x78	3.6	1250/80	3.8
2190001	3CPM-HT-HF-242412-60	MERV 11(A)	M6	592x592x292	13.3	3000/105	8.3
2191001	3CPM-HT-HF-242412-90	MERV 14(A)	F8	592x592x292	13.3	3000/150	8.3

Absolute™ 1FRK-V



Advantages

- ≥99.95% at MPPS with DEHS
- Temperature resistant up to 350°C
- High efficiency
- High mechanical strength
- High air flow

Application: Protection for clean processes at high temperature

Type: High temperature filter

Frame: Stainless steel

Gasket: Glass Fiber

Media: Glass fiber

Separator: Aluminium

Sealant: Ceramic

EN 1822 (Efficiency @ MPPS): H13(≥99.95%)

Rec. final pressure drop: 500 Pa

Temperature max: 350°C

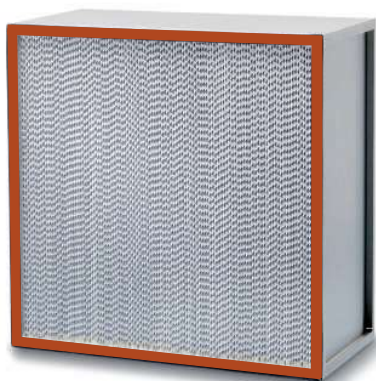
RH. max: 100%

Remarks: Please note installation and assembly instructions! Due to the different thermal expansion coefficients of the individual filter components the ceramic potting may form cracks during the tempering process. At operating temperature (350 °C) these filters have an overall efficiency of 99.97% at 0,3 µm, leakages are possible

Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
1FRKV-220-1W	H13	305x 610x 150	540/ 250	5	10,3
1FRKV-300-1W	H13	457x 457x 150	620/ 250	5,9	11,2
1FRKV-600-1W	H13	610x 610x 150	1180/ 250	11	13,52
1FRKV-980-1W	H13	915x 610x 150	1780/ 250	16,8	18,3
1FRKV-450-1W	H13	305x 610x 292	900/ 250	10,4	18
1FRKV-725-1W	H13	457x 610x 292	1420/ 250	16,3	21,4
1FRKV-1000-1W	H13	610x 610x 292	1960/ 250	22,5	23,4
1FRKV-1250-1W	H13	762x 610x 292	2480/ 250	28,4	25,92

Modell -1W = Gasket upstream (standard)
 Modell -01W = Gasket downstream
 Modell -2W = Gasket both sides
 Modell -0 = no gasket
 Other editions on request

Absolute™ 1FRSI



Advantages

- ≥99.95% at MPPS with DEHS
- Temperature resistant up to 250°C
- Constant efficiency
- High mechanical strength
- High air flow

Application: Protection for clean processes at high temperatures

Type: High temperature filter

Frame: Stainless steel

Gasket: Silicone

Media: Glass fiber

Separator: Aluminium

Sealant: Silicon HT

EN 1822 (Efficiency @ MPPS): H13(≥99.95%)

Rec. final pressure drop: 500 Pa

Rec. final pressure drop: 2x Initial pressure drop

Temperature max: 250°C

RH. max: 100%

Remarks: Please note the installation and assembly instructions!

Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
1FRSI-25-1SIHT	H13	203x 203x 78	50/ 250	0.5	2.5
1FRSI-50-1SIHT	H13	203x 203x 150	90/ 250	0.9	3.1
1FRSI-110-1SIHT	H13	305x 305x 150	250/ 250	2.4	4
1FRSI- 200-1SIHT	H13	305x 305x 292	410/ 250	5.1	5.1
1FRSI- 220-1SIHT	H13	305x 610x 150	540/ 250	5	7.9
1FRSI- 300-1SIHT	H13	457x 457x 150	620/ 250	5.9	8.46
1FRSI- 450-1SIHT	H13	305x 610x 292	900/ 250	10.4	15.6
1FRSI- 600-1SIHT	H13	610x 610x 150	1180/ 250	10.9	11.36
1FRSI- 725-1SIHT	H13	457x 610x 292	1420/ 250	16.3	18
1FRSI- 830-1SIHT	H13	762x 610x 150	1500/ 250	13.7	13.5
1FRSI- 980-1SIHT	H13	915x 610x 150	1800/ 250	16.8	15.8
1FRSI-1000-1SIHT	H13	610x 610x 292	1960/ 250	22.5	16.5
1FRSI-1250-1SIHT	H13	762x 610x 292	2500/ 250	28.4	23.52
1FRSI-610x457x150-1SIHT	H13	610x 457x 150	860/ 250	7.8	8.4
1FRSI-457x457x292-1SIHT	H13	457x 457x 292	1030/ 250	12.8	10.5
1FRSI-610x762x292-1SIHT	H13	610x 762x 292	2500/ 250	22.7	21.5

Type -1SIHT = gasket upstream (standard)

Type -01SIHT = gasket downstream

Type -2SIHT = gasket both sides

Type -0 = without gasket

Other dimensions on request

Absolute™ D-Pyro H13 - H14



Advantages

- H13 - H14 in all Temp.ranges
- ≥99.95% at MPPS with DEHS
- Temperature resistant up to 350°C
- Patented construction
- Zero tempering
- Zero Emission
- Zero Outgasing
- ProSafe + REACH compliance

Application: HEPA filter protection for clean processes at high temperature, especially for Life Science (depyrogenation tunnels, ovens)

Type: High temperature filter

Frame: Stainless steel

Media: Glass fiber

Separator: Stainless steel

Sealant: Inorganic polymer

EN 1822 (Efficiency @ MPPS): ≥99.997% at 0.3µm, ≥99.995% at MPPS, H13, even after heating cycles, leakfree ≥ 200 cycles

Max. final pressure drop: 700Pa

Temperature max. (peak): 350°C (400°C)

Remarks: ISO 5 under all production steps. Please note installation and assembly instructions! Other editions on request (with gasket, or sizes)

Type	EN1822	Dimensions WxHxD (mm)	Air Flow/pressure drop (m³/hr/Pa)	Media area (m²)	Weight (kg)
DHT13-305x610x150-O-SP	H13	305x 610x 150	460/ 290	4.8	8.0
DHT13-457x457x150-O-SP	H13	457x 457x 150	510/ 290	4.8	9.0
DHT13-457x610x150-O-SP	H13	457x 610x 150	690/ 290	7.3	12.0
DHT13-610x610x150-O-SP	H13	610x 610x 150	990/ 290	10.4	16.0
DHT13-762x610x150-O-SP	H13	762x 610x 150	1260/ 290	13.1	34.0
DHT13-305x610x292-O-SP	H13	305x 610x 292	840/ 290	9.7	13.0
DHT13-457x610x292-O-SP	H13	457x 610x 292	1310/ 290	14.6	19.5
DHT13-610x610x292-O-SP	H13	610x 610x 292	1850/ 290	20.7	26.0
DHT13-762x610x292-O-SP	H13	762x 610x 292	2250/ 290	25.9	44.0
DHT14-305x610x150-O-SP	H14	305x 610x 150	420/ 290	4.8	8.0
DHT14-457x457x150-O-SP	H14	457x 457x 150	450/ 290	5.3	9.0
DHT14-457x610x150-O-SP	H14	457x 610x 150	610/ 290	7.3	12.0
DHT14-610x610x150-O-SP	H14	610x 610x 150	840/ 290	10.4	16.0
DHT14-762x610x150-O-SP	H14	762x 610x 150	1040/ 290	13.1	34.0
DHT14-305x610x292-O-SP	H14	305x 610x 292	670/ 290	9.7	13.0
DHT14-457x610x292-O-SP	H14	457x 610x 292	1000/ 290	14.6	19.5
DHT14-610x610x292-O-SP	H14	610x 610x 292	1340/ 290	20.7	26.0
DHT14-762x610x292-O-SP	H14	762x 610x 292	1675/ 290	25.9	44.0

* Pressure drop: ±10%