



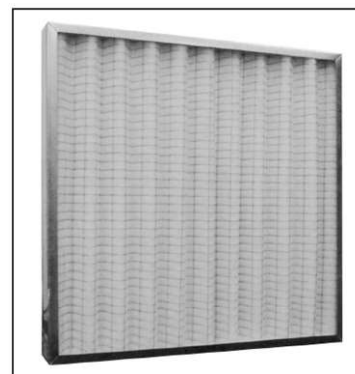
TEHNITON

# FILTRE DE AER

## PLANE – ONDULATE F5

### Date tehnice:

clasa de filtrare\*: F5 cf. EN779:2002  
clasa de combustibilitate: F1/K1  
temperatura max. de exploatare: 97%  
eficienta medie gravimetrica : Nu  
regenerabil: otel galvanizat  
cadru: ,



Nr crt	Clasa de filtrare*	Cod	Dimensiuni	Suprafata filtranta ( m <sup>2</sup> )	Debit m <sup>3</sup> /h	ΔP (Pa) Initiala	ΔP (Pa) Finala
1.	F5	287 x 287 x 50/G4	287 x 287 x 50	0,14	810	100	450
2.	F5	437 x 592 x 50/G4	400 x 500 x 50	0.32	1850	100	450
3.	F5	400 x 625 x 50/G4	400 x 625 x 50	0,43	2330	100	450
4.	F5	500 x 625 x 50/G4	500 x 625 x 50	0,53	2860	100	450
5.	F5	495 x 495 x 50/G4	495 x 495 x 50	0,43	2330	100	450
6.	F5	495 x 395 x 50/G4	495 x 395 x 50	0,33	1800	100	450
7.	F5	592 x 287 x 50/G4	592 x 287 x 50	0,29	1570	100	450
8.	F5	592 x 592 x 50/G4	592 x 592 x 50	0,60	3240	100	450
9.	F5	287 x 592 x 98/G4	287 x 592 x 98	0,34	1840	110	450
10	F5	400 x 400 x 98/G4	400 x 400 x 98	0,32	1790	110	450
11	F5	400 x 500 x 98/G4	400 x 500 x 98	0,40	2190	110	450
12	F5	400 x 625 x 98/G4	400 x 625 x 98	0,50	2730	110	450
13	F5	495 x 495 x 98/G4	495 x 495 x 98	0,50	2700	110	450
14	F5	495 x 395 x 98/G4	495 x 395 x 98	0,62	2100	110	450
15	F5	592 x 592 x 98/G4	592 x 592 x 98	0,70	3790	110	450

\*Clasa de filtrare a materialului filtrant cu care este echipat filtrul



# FILTRE DE AER

## Filtre Z-line TSF-FZ-S

### Date tehnice:

clasa de filtrare*:	G4 cf. EN779:2002
temperatura max. de exploatare:	80 °C
eficienta medie gravimetrica :	79,9-89,8
regenerabil:	DA
cadru:	otel galvanizat
umiditatea maxima:	100%



TEHNICĂ - TOTOALTELE

Nr crt	Clasa* de filtrare	Cod Tehnofil TSF-FZ-S	Dimensiuni	Suprafata filtranta ( m <sup>2</sup> )	Debit m <sup>3</sup> /h	ΔP (Pa) Initiala	ΔP (Pa) Finala
1.	G4	TSF-FZ-S 287x287x48/G4	287 x 287 x 48	0,30	750	85	250
2.	G4	TSF-FZ-S 287x592x48/G4	287 x 592 x 48	0.60	1400	85	250
3.	G4	TSF-FZ-S 395x495x48/G4	395 x 495 x 48	0,70	1600	85	250
4.	G4	TSF-FZ-S.395x592x48/G4	395 x 592 x 48	0,80	1900	85	250
5.	G4	TSF-FZ-S 400x620x48/G4	400 x 620 x 48	0,85	2000	85	250
6.	G4	TSF-FZ-S 490x490x48/G4	490 x 490 x 48	0,85	2000	85	250
7.	G4	TSF-FZ-S 490x592x48/G4	490 x 592 x 48	1,00	2400	85	250
8.	G4	TSF-FZ-S 500x620x48/G4	500 x 620 x 48	1,10	2600	85	250
9.	G4	TSF-FZ-S 592x592x48/G4	592 x 592 x 48	1,25	2900	85	250
10.	G4	TSF-FZ-S 287x287x98/G4	287 x 287 x 98	0,50	800	85	250
11.	G4	TSF-FZ-S 287x592x98/G4	287 x 592 x 98	1,00	1600	85	250
12.	G4	TSF-FZ-S 395x495x98/G4	395 x 495 x 98	1,20	1900	85	250
13.	G4	TSF-FZ-S 400x592x98/G4	400 x 592 x 98	1,50	2300	85	250
14.	G4	TSF-FZ-S 400x620x98/G4	400 x 620 x 98	1,55	2400	85	250
15.	G4	TSF-FZ-S 500x500x98/G4	500 x 500 x 98	1,50	2300	85	250
16.	G4	TSF-FZ-S 500x592x98/G4	500 x 592 x 98	1,80	2850	85	250
17.	G4	TSF-FZ-S 500x625x98/G4	500 x 625 x 98	1,90	3000	85	250
18.	G4	TSF-FZ-S 592x592x98/G4	592 x 592 x 98	2,15	3400	85	250

\*Clasa de filtrare a materialului filtrant cu care este echipat filtrul



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# FILTRE CU BUZUNARE

## FILTRE CU SACI CLASA F9

**Aplicatii-** sunt folosite in instalatiile de ventilatie climatizare pentru filtrare particulelor fine de praf din aerul atmosferic.

**Date tehnice:**

mediul filtrant

clasa de filtrare\*:

temperatura max. de exploatare:

regenerabil:

cadru: ,

Nețesut meltblown

F9 cf. EN779:2002

80 °C

NU

plastic/ oțel galvanizat



Nr. crt	Clasa de filtrare*	Dimensiuni (WxHxD)	Nr buzunare	Adancime buzunare	Debit m <sup>3</sup> /h	ΔP (Pa) Initiala	ΔP (Pa) Finala
1.	F9	592x592x300	12	300	3400	180	450
2.	F9	592x592x300	10	300	3400	188	450
3.	F9	592x592x380	8	380	3400	190	450
4.	F9	592x592x380	10	380	3400	165	450
5.	F9	592x592x450	8	450	3400	190	450
6.	F9	592x592x480	8	480	3400	180	450
7.	F9	592x592x500	6	500	3400	180	450
8.	F9	592x592x500	8	500	3400	160	450
9.	F9	592x592x500	10	500	3400	165	450
10.	F9	592x592x530	6	530	3400	180	450
11.	F9	592x592x530	8	530	3400	154	450
12.	F9	592x592x550	6	550	3400	165	450
13.	F9	592x592x550	7	550	3000	160	450
14.	F9	592x592x550	10	550	3800	180	450
15.	F9	592x592x600	6	600	3400	164	450
16.	F9	592x592x600	8	600	4000	200	450
17.	F9	592x592x630	8	630	4000	190	450
18.	F9	592x592x630	10	630	4000	160	450
19.	F9	592x910x650	10	650	6000	150	450
20.	F9	592x592x650	10	650	4000	154	450
21.	F9	592x592x650	12	650	4700	200	450

\*Clasa de filtrare a materialului filtrant cu care este echipat filtrul



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# FILTRE CU BUZUNARE

## FILTRE CU SACI CLASA F9

**Aplicatii**- sunt folosite in instalatiile de ventilatie climatizare pentru filtrare particulelor fine de praf din aerul atmosferic.

**Date tehnice:**

mediul filtrant

clasa de filtrare\*:

temperatura max. de exploatare:

regenerabil:

cadru: ,

Nețesut meltblown

F9 cf. EN779:2002

80 °C

NU

plastic/ oțel galvanizat



Nr. crt	Clasa de filtrare*	Dimensiuni (WxHxD)	Nr buzunare	Adancime buzunare	Debit m <sup>3</sup> /h	ΔP (Pa) Initiala	ΔP (Pa) Finala
1.	F9	287x287x300	6	300	850	180	450
2.	F9	287x287x300	5	300	850	188	450
3.	F9	287x287x380	4	380	850	190	450
4.	F9	287x287x380	5	380	850	165	450
5.	F9	287x287x450	4	450	850	190	450
6.	F9	287x287x480	4	480	850	180	450
7.	F9	287x287x500	3	500	850	180	450
8.	F9	287x287x500	4	500	850	160	450
9.	F9	287x287x500	5	500	850	165	450
10.	F9	287x287x530	3	530	850	180	450
11.	F9	287x287x530	4	530	850	154	450
12.	F9	287x287x550	3	550	850	165	450
13.	F9	287x287x550	4	550	750	160	450
14.	F9	287x287x550	5	550	950	180	450
15.	F9	287x287x600	3	600	850	164	450
16.	F9	287x287x600	4	600	1000	200	450
17.	F9	287x287x630	4	630	1000	190	450
18.	F9	287x287x630	5	630	1000	160	450
19.	F9	287x450x650	5	650	1500	150	450
20.	F9	287x287x650	5	650	1000	154	450
21.	F9	287x287x650	6	650	1175	200	450

\*Clasa de filtrare a materialului filtrant cu care este echipat filtrul.

\*La cerere putem fabrica orice tipodimensiune.



**F I L T R A R E**

# FILTRE DE AER

## PRODUSE ECOPUR SYSTEM FILTRE CU SACI CLASA F5

**Aplicatii**- sunt folosite in instalatiile de ventilatie climatizare pentru filtrare particulelor fine de praf din aerul atmosferic.

**Date tehnice:**

mediul filtrant

clasa de filtrare\*:

temperatura max. de exploatare:

regenerabil:

cadru: ,

Nețesut meltblown

F5 cf. EN779:2002

80 °C

NU

plastic/ oțel galvanizat



Nr. crt	Clasa de filtrare*	Dimensiuni (WxHxD)	Nr buzunare	Adancime buzunare	Debit m <sup>3</sup> /h	ΔP (Pa) Initiala	ΔP (Pa) Finala
1.	F5	287x287x300	6	300	850	80	450
2.	F5	287x287x300	5	300	850	88	450
3.	F5	287x287x380	4	380	850	82	450
4.	F5	287x287x380	5	380	850	75	450
5.	F5	287x287x450	4	450	850	75	450
6.	F5	287x287x480	4	480	850	65	450
7.	F5	287x287x500	3	500	850	70	450
8.	F5	287x287x500	4	500	850	60	450
9.	F5	287x287x500	5	500	850	62	450
10.	F5	287x287x530	3	530	850	67	450
11.	F5	287x287x530	4	530	850	57	450
12.	F5	287x287x550	3	550	850	62	450
13.	F5	287x287x550	4	550	750	60	450
14.	F5	287x287x550	5	550	950	65	450
15.	F5	287x287x600	3	600	850	65	450
16.	F5	287x287x600	4	600	1000	70	450
17.	F5	287x287x630	4	630	1000	62	450
18.	F5	287x287x630	5	630	1000	55	450
19.	F5	287x450x650	5	650	1500	50	450
20.	F5	287x287x650	5	650	1000	50	450
21.	F5	287x287x650	6	650	1175	60	450

\*Clasa de filtrare a materialului filtrant cu care este echipat filtrul.

\*La cerere putem fabrica orice tipodimensiune.

DALUMOL SRL

Mobil: 078705222 e-Mail: dalumoldova@gmail.com

Prețurile și specificațiile tehnice se pot schimba fără nicio înștiințare prealabilă

# TEHNOFIL SYSTEM FILTRE SRL -AIR FILTER TECHNOLOGY (EN1822)-

## HIGH CAPACITY HEPA FILTER with SINGLE PLEAT (METAL)

### Specifications

- Single Pleat
- Low pressure drop, less energy consumption
- Guaranteed leak-free
- Available in all grades
- For high air flow applications
- High quality glass fibre media
- Available in all grades
- Optimized velocity distribution



<p><b>Filter Class;</b> H13 - H14</p> <p><b>Sealing Compound;</b> Polyurethane</p> <p><b>Flammability Class;</b> K2/H2 for Normal Temp.</p> <p><b>Faceguard;</b> Available on request</p> <p><b>Gasket;</b> EPDM, EPDM Flat continuous and PU Foam</p>	<p><b>Media;</b> High quality glass fibre</p> <p><b>Separators;</b> Hotmelt</p> <p><b>Max. Operating Temperature;</b> 75°C</p> <p><b>Max. Final Pressure Drop;</b> 600 Pa</p> <p><b>Frame type;</b> Galvanized, Alu. and Stainless Steel</p>
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Model	Nominal Air Flow for 610x610mm	Pleat Height	Filter Class (EN1822)	Filtration Area for 610x610mm (m²)	Initial Pressure Drop @Nominal Air Flow (Pa)
	(m³/h)				
G20 M20	2000	125	H13	18	240
			H14	20	250
G30 M30	3000	150	H13	26	250
			H14	30	270

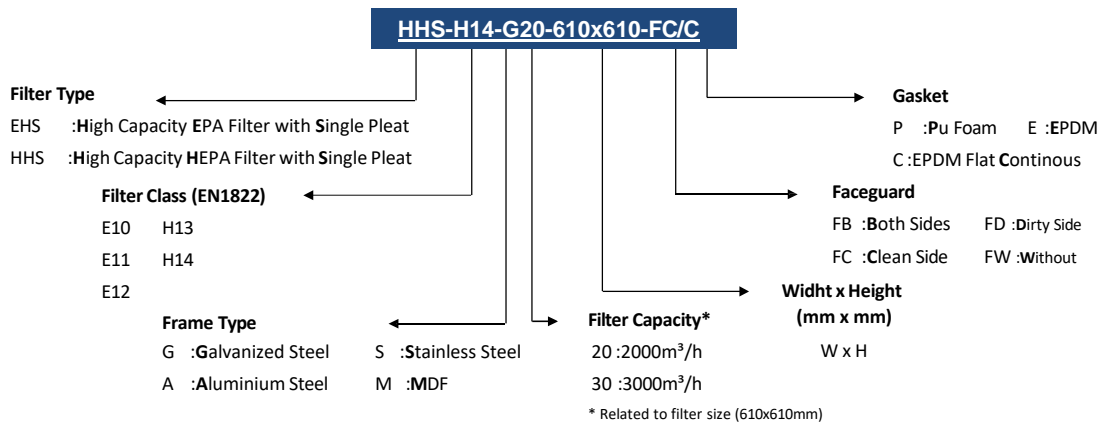
High capacity HEPA filters with single pleat protect people, equipment and processes from airborne particulate contamination. This type of filters are used in air ventilation and air conditioning plants requiring high or very high levels of air purity. They are designed for laminar flow units, air handling units and clean room systems.

Other frame depths are available for special applications.

Applications: Industrial processes like microelectronics, medicine, pharma, the food industry, microbiology, chemistry, laboratories, hospital and hospital operating theatres, laminar flow boxes, fan filter units, nuclear energy and nuclear research.

Filtration area and pleat height designed with the optimum value are more important for performans of filters. The filters having high pleat height offer a good solution with lower operating costs and significantly reducing energy consumption.

HEPA and ULPA filters are tested and certified individually according tto EN1822 with the advanced technology. We would recommend the higher grades of prefilters to increase the service life of the ceiling filters.



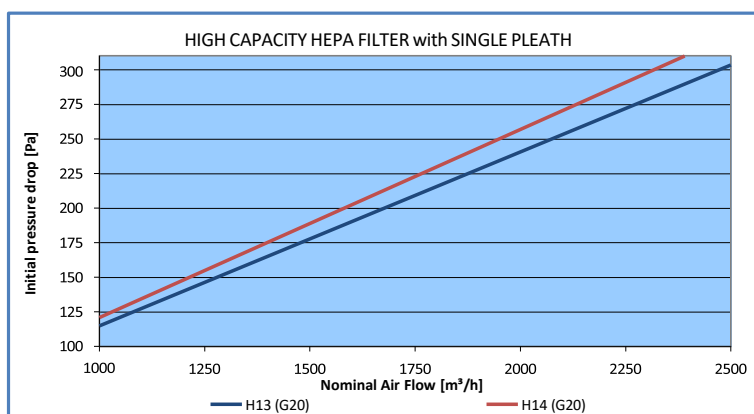
## TEHNOFIL SYSTEM FILTRE SRL -AIR FILTER TECHNOLOGY (EN1822)-

HIGH CAPACITY HEPA FILTER with SINGLE PLEAT (METAL)

(G20 - PH;125mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HHS-H13-G20-305x305-FC/C	H13	305x305x292	4,5	125	500	240
TSF-HHS-H13-G20-305x610-FC/C	H13	305x610x292	9,0	125	1000	240
TSF-HHS-H13-G20-457x610-FC/C	H13	457x610x292	13,5	125	1500	240
TSF-HHS-H13-G20-610x610-FC/C	H13	610x610x292	18,0	125	2000	240
TSF-HHS-H13-G20-610x762-FC/C	H13	610x762x292	22,5	125	2500	240
TSF-HHS-H13-G20-610x915-FC/C	H13	610x915x292	27,0	125	3000	240
TSF-HHS-H13-G20-610x1220-FC/C	H13	610x1220x292	36,0	125	4000	240
TSF-HHS-H14-G20-305x305-FC/C	H14	305x305x292	5,0	125	500	250
TSF-HHS-H14-G20-305x610-FC/C	H14	305x610x292	10,0	125	1000	250
TSF-HHS-H14-G20-457x610-FC/C	H14	457x457x292	15,0	125	1500	250
TSF-HHS-H14-G20-610x610-FC/C	H14	610x610x292	20,0	125	2000	250
TSF-HHS-H14-G20-610x762-FC/C	H14	610x762x292	25,0	125	2500	250
TSF-HHS-H14-G20-610x915-FC/C	H14	610x915x292	30,0	125	3000	250
TSF-HHS-H14-G20-610x1220-FC/C	H14	610x1220x292	40,0	125	4000	250

Other dimensions are available on request.



### HHS-H14-G20-610x610-FC/C

Filter Model	Single Pleat	HHS
Filter Class	H14 (EN1822)	H14
Frame Material	Galvanized	G
Nominal Capacity*	2000m <sup>3</sup> /h	20
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Clean Side	FC
Gasket	EPDM Flat	C

\*According to 610x610 dimensions

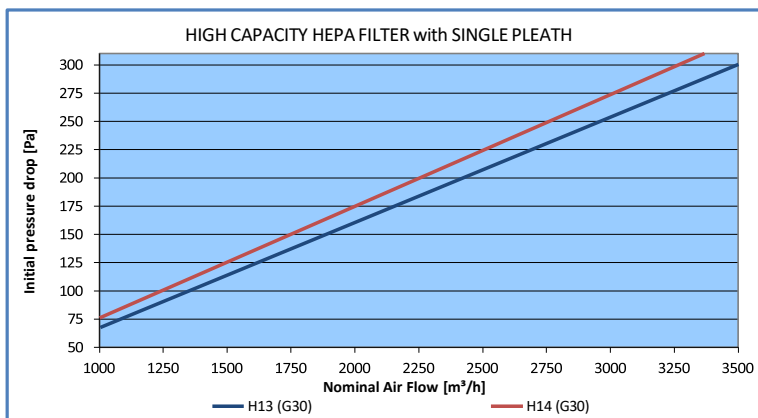
## TEHNOFIL SYSTEM FILTRE SRL -AIR FILTER TECHNOLOGY (EN1822)-

HIGH CAPACITY HEPA FILTER with SINGLE PLEAT (METAL)

(G30 - PH;150mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HHS-H13-G30-305x305-FC/C	H13	305x305x292	6,5	150	750	250
TSF-HHS-H13-G30-305x610-FC/C	H13	305x610x292	13,0	150	1500	250
TSF-HHS-H13-G30-457x610-FC/C	H13	457x610x292	19,5	150	2250	250
TSF-HHS-H13-G30-610x610-FC/C	H13	610x610x292	26,0	150	3000	250
TSF-HHS-H13-G30-610x762-FC/C	H13	610x762x292	32,5	150	3750	250
TSF-HHS-H13-G30-610x915-FC/C	H13	610x915x292	39,0	150	4500	250
TSF-HHS-H13-G30-610x1220-FC/C	H13	610x1220x292	52,0	150	6000	250
TSF-HHS-H14-G30-305x305-FC/C	H14	305x305x292	7,5	150	750	270
TSF-HHS-H14-G30-305x610-FC/C	H14	305x610x292	15,0	150	1500	270
TSF-HHS-H14-G30-457x610-FC/C	H14	457x457x292	22,5	150	2250	270
TSF-HHS-H14-G30-610x610-FC/C	H14	610x610x292	30,0	150	3000	270
TSF-HHS-H14-G30-610x762-FC/C	H14	610x762x292	37,5	150	3750	270
TSF-HHS-H14-G30-610x915-FC/C	H14	610x915x292	45,0	150	4500	270
TSF-HHS-H14-G30-610x1220-FC/C	H14	610x1220x292	60,0	150	6000	270

Other dimensions are available on request.



### HHS-H14-G30-610x610-FC/C

Filter Model	Single Pleat	HHS
Filter Class	H14 (EN1822)	H14
Frame Material	Galvanized	G
Nominal Capacity*	3000m <sup>3</sup> /h	30
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	On Clean Side	FC
Gasket	EPDM Flat	C

\*According to 610x610 dimensions



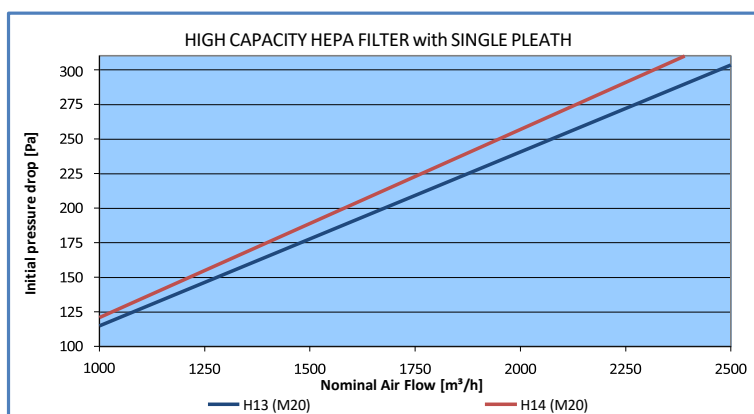
## TEHNOFIL SYSTEM FILTRE SRL -AIR FILTER TECHNOLOGY (EN1822)-

HIGH CAPACITY HEPA FILTER with SINGLE PLEAT (METAL)

(M20 - PH;125mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HHS-H13-M20-305x305-FW/P	H13	305x305x292	4,5	125	500	240
TSF-HHS-H13-M20-305x610-FW/P	H13	305x610x292	9,0	125	1000	240
TSF-HHS-H13-M20-457x610-FW/P	H13	457x610x292	13,5	125	1500	240
TSF-HHS-H13-M20-610x610-FW/P	H13	610x610x292	18,0	125	2000	240
TSF-HHS-H13-M20-610x762-FW/P	H13	610x762x292	22,5	125	2500	240
TSF-HHS-H13-M20-610x915-FW/P	H13	610x915x292	27,0	125	3000	240
TSF-HHS-H13-M20-610x1220-FW/P	H13	610x1220x292	36,0	125	4000	240
TSF-HHS-H14-M20-305x305-FW/P	H14	305x305x292	5,0	125	500	250
TSF-HHS-H14-M20-305x610-FW/P	H14	305x610x292	10,0	125	1000	250
TSF-HHS-H14-M20-457x610-FW/P	H14	457x457x292	15,0	125	1500	250
TSF-HHS-H14-M20-610x610-FW/P	H14	610x610x292	20,0	125	2000	250
TSF-HHS-H14-M20-610x762-FW/P	H14	610x762x292	25,0	125	2500	250
TSF-HHS-H14-M20-610x915-FW/P	H14	610x915x292	30,0	125	3000	250
TSF-HHS-H14-M20-610x1220-FW/P	H14	610x1220x292	40,0	125	4000	250

Other dimensions are available on request.



### HHS-H13-M20-610x610-FW/P

Filter Model	Single Pleat	HHS
Filter Class	H13 (EN1822)	H13
Frame Material	MDF	M
Nominal Capacity*	2000m <sup>3</sup> /h	20
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Without	FW
Gasket	Pu Foam	P

\*According to 610x610 dimensions

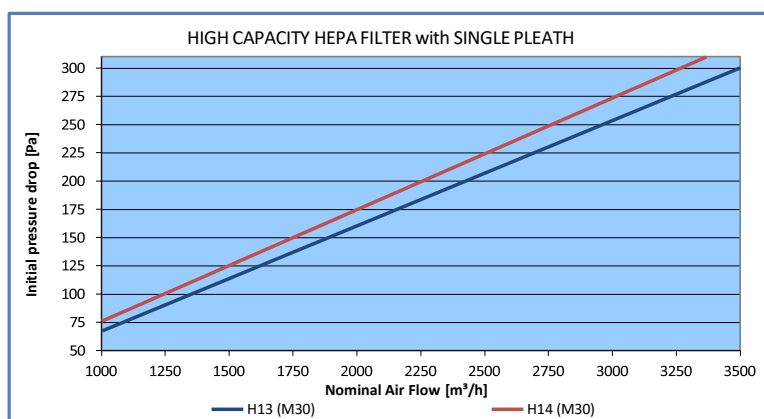
## TEHNOFIL SYSTEM FILTRE SRL -AIR FILTER TECHNOLOGY (EN1822)-

HIGH CAPACITY HEPA FILTER with SINGLE PLEAT (METAL)

(M30 - PH;150mm)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HHS-H13-M30-305x305-FW/P	H13	305x305x292	6,5	150	750	250
TSF-HHS-H13-M30-305x610-FW/P	H13	305x610x292	13,0	150	1500	250
TSF-HHS-H13-M30-457x610-FW/P	H13	457x610x292	19,5	150	2250	250
TSF-HHS-H13-M30-610x610-FW/P	H13	610x610x292	26,0	150	3000	250
TSF-HHS-H13-M30-610x762-FW/P	H13	610x762x292	32,5	150	3750	250
TSF-HHS-H13-M30-610x915-FW/P	H13	610x915x292	39,0	150	4500	250
TSF-HHS-H13-M30-610x1220-FW/P	H13	610x1220x292	52,0	150	6000	250
TSF-HHS-H14-M30-305x305-FW/P	H14	305x305x292	7,5	150	750	270
TSF-HHS-H14-M30-305x610-FW/P	H14	305x610x292	15,0	150	1500	270
TSF-HHS-H14-M30-457x610-FW/P	H14	457x457x292	22,5	150	2250	270
TSF-HHS-H14-M30-610x610-FW/P	H14	610x610x292	30,0	150	3000	270
TSF-HHS-H14-M30-610x762-FW/P	H14	610x762x292	37,5	150	3750	270
TSF-HHS-H14-M30-610x915-FW/P	H14	610x915x292	45,0	150	4500	270
TSF-HHS-H14-M30-610x1220-FW/P	H14	610x1220x292	60,0	150	6000	270

Other dimensions are available on request.



### HHS-H13-M30-610x610-FW/P

Filter Model	Single Pleat	HHS
Filter Class	H13 (EN1822)	H13
Frame Material	MDF	M
Nominal Capacity*	3000m <sup>3</sup> /h	30
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Without	FW
Gasket	Pu Foam	P

\*According to 610x610 dimensions

## HEPA/EPA/ULPA CEILING FILTER

### Specifications

- Optimized velocity distribution
- Low pressure drop, less energy consumption
- Guaranteed leak-free
- Available in all grades
- Various frame sizes with any dimensions



**Filter Class;** H13 - H14 - U15

**Sealing Compound;** Two component polyurethane

**Frame type;** Anodized, extruded aluminium

**Faceguard;** Aluminium sheet (powder coated)

**Gasket;** EPDM flat, EPDM flat continuous and PU foam

**Media;** High quality glass fibre

**Separators;** Hotmelt

**Flammability Class;** K2/F2 for normal Temp.

**Max. Final Pressure Drop;** 600 Pa

**Max. Operating Temperature;** 75°C

Filter Pleat	Pleat Height (PH...)(mm)	Pleat Code	Filtration area per m <sup>2</sup> face area	Filter Class (EN1822)	Pack resistance (Pa) @ nominal air velocity (0,45m/s)	Available Frame Code for pleat	Available Frame Depth for pleat (mm)
	50	1	24,2	H13	100	AC, AS, AN, ASM, AD, AM, AF, AK, AL, AX	66, 69, 78, 89, 90, 100, 110, 117, 125, 150
			25,3	H14	125		
			26,9	U15	140		
	65	2	31,4	H13	85	AD, AM, AF, AK, AL, AX	90, 100, 110, 117, 125, 150
			32,8	H14	110		
	75	3	36,3	H13	75	AM, AF, AK, AL, AX	100, 110, 117, 125, 150
			37,9	H14	90		
	85	4	41,1	H13	70	AF, AK, AL, AX	110, 117, 125, 150
			43,0	H14	85		
	90	5	41,1	H13	70	AK, AL, AX	117, 125, 150
			43,0	H14	85		
	100	6	48,4	H13	65	AL, AX	125, 150
			50,5	H14	80		
	125	7	60,5	H13	55	AX	150
			63,2	H14	70		

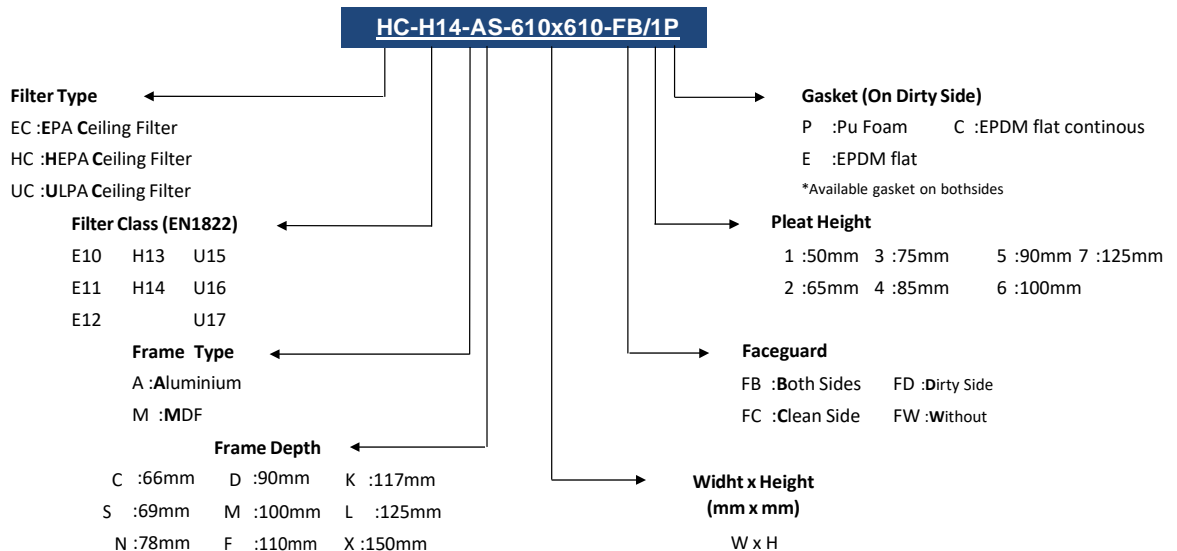
High-efficiency HEPA Ceiling filters protect people, equipment and processes from airborne particulate contamination. They are designed for clean room ceilings and cleanroom work tables requiring high or very high levels of air purity to provide laminar flow.

Applications: Industrial processes like microelectronics, medicine, pharma, the food industry, microbiology, chemistry, laboratories, hospital and hospital operating theatres, laminar flow boxes, fan filter units, nuclear energy and nuclear research.

Filtration area and pleat height designed with the optimum value are more important for performans of filters. The filters having high pleat height offer a good solution with lower operating costs and significantly reducing energy consumption.

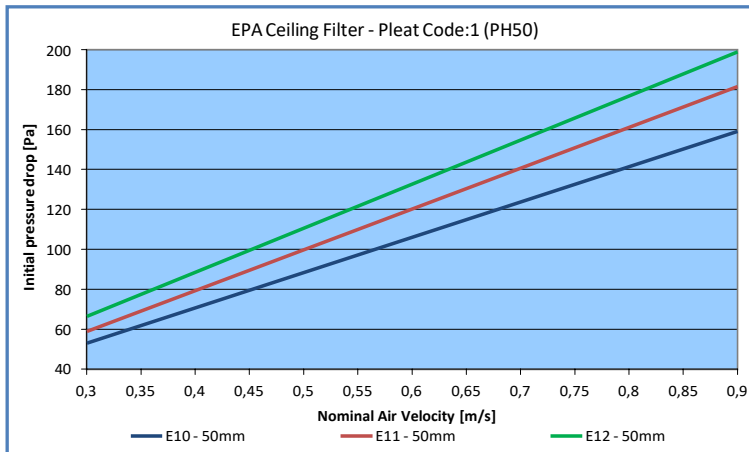
HEPA and ULPA filters are tested and certified individually according tto EN1822 with the advanced technology. We would recommend the higher grades of prefilters to increase the service life of the ceiling filters.

- \* Other pleat heights are available for special applications.
- \* Differential Pressure Tolerance ±10%



Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m²)	Pleat Height (mm)	Nominal Airflow (m³/h)	Initial Pressure Drop (Pa)
TSF-EC-E10-AN-305x305-FC/1P	E10	305x305x78	2,3	50	150	80
TSF-EC-E10-AN-305x610-FC/1P	E10	305x610x78	4,5	50	300	80
TSF-EC-E10-AN-457x457-FC/1P	E10	457x457x78	5,1	50	340	80
TSF-EC-E10-AN-610x610-FC/1P	E10	610x610x78	9,0	50	600	80
TSF-EC-E10-AN-610x762-FC/1P	E10	610x762x78	11,2	50	750	80
TSF-EC-E10-AN-610x915-FC/1P	E10	610x915x78	13,5	50	900	80
TSF-EC-E10-AN-610x1220-FC/1P	E10	610x1220x78	18,0	50	1200	80
TSF-EC-E11-AN-305x305-FC/1P	E11	305x305x78	2,3	50	150	90
TSF-EC-E11-AN-305x610-FC/1P	E11	305x610x78	4,5	50	300	90
TSF-EC-E11-AN-457x457-FC/1P	E11	457x457x78	5,1	50	340	90
TSF-EC-E11-AN-610x610-FC/1P	E11	610x610x78	9,0	50	600	90
TSF-EC-E11-AN-610x762-FC/1P	E11	610x762x78	11,2	50	750	90
TSF-EC-E11-AN-610x915-FC/1P	E11	610x915x78	13,5	50	900	90
TSF-EC-E11-AN-610x1220-FC/1P	E11	610x1220x78	18,0	50	1200	90
TSF-UC-E12-AN-305x305-FC/1P	E12	305x305x78	2,3	50	150	100
TSF-UC-E12-AN-305x610-FC/1P	E12	305x610x78	4,5	50	300	100
TSF-UC-E12-AN-457x457-FC/1P	E12	457x457x78	5,1	50	340	100
TSF-UC-E12-AN-610x610-FC/1P	E12	610x610x78	9,0	50	600	100
TSF-UC-E12-AN-610x762-FC/1P	E12	610x762x78	11,2	50	750	100
TSF-UC-E12-AN-610x915-FC/1P	E12	610x915x78	13,5	50	900	100
TSF-UC-E12-AN-610x1220-FC/1P	E12	610x1220x78	18,0	50	1200	100

\* Other Dimensions are available on request.

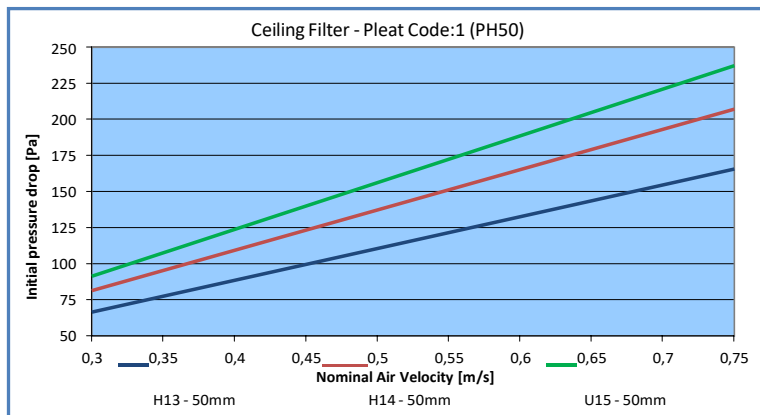


\* For other pleat heights chTSF-ECK the curves acc. to pleat code.

EC-E11-AN-610x610-FC/1P		
Filter Model	Epa Ceiling	TSF-EC
Filter Class	E11 (EN1822)	E11
Frame Material	Aluminium	A
Filter Depth	78mm	N
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	On Clean Side	FC
Pleat Code	PH;50mm	1
Gasket type	PU	P

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m²)	Pleat Height (mm)	Nominal Airflow (m³/h)	Initial Pressure Drop (Pa)
TSF-HC-H13-AC-305x305-FB/1P	H13	305x305x66	2,3	50	150	100
TSF-HC-H13-AC-305x610-FB/1P	H13	305x610x66	4,5	50	300	100
TSF-HC-H13-AC-457x457-FB/1P	H13	457x457x66	5,1	50	340	100
TSF-HC-H13-AC-457x610-FB/1P	H13	457x610x66	6,7	50	450	100
TSF-HC-H13-AC-535x535-FB/1P	H13	535x535x66	6,9	50	465	100
TSF-HC-H13-AC-575x575-FB/1P	H13	575x575x66	8,0	50	535	100
TSF-HC-H13-AC-610x610-FB/1P	H13	610x610x66	9,0	50	600	100
TSF-HC-H13-AC-610x762-FB/1P	H13	610x762x66	11,2	50	750	100
TSF-HC-H13-AC-610x915-FB/1P	H13	610x915x66	13,5	50	900	100
TSF-HC-H13-AC-762x762-FB/1P	H13	762x762x66	14,0	50	940	100
TSF-HC-H13-AC-915x915-FB/1P	H13	915x915x66	20,3	50	1350	100
TSF-HC-H13-AC-610x1220-FB/1P	H13	610x1220x66	18,0	50	1200	100
TSF-HC-H13-AC-610x1525-FB/1P	H13	610x1525x66	22,5	50	1500	100
TSF-HC-H13-AC-610x1830-FB/1P	H13	610x1830x66	27,0	50	1800	100
TSF-HC-H14-AC-305x305-FB/1P	H14	305x305x66	2,4	50	150	125
TSF-HC-H14-AC-305x610-FB/1P	H14	305x610x66	4,7	50	300	125
TSF-HC-H14-AC-457x457-FB/1P	H14	457x457x66	5,3	50	340	125
TSF-HC-H14-AC-457x610-FB/1P	H14	457x610x66	7,0	50	450	125
TSF-HC-H14-AC-535x535-FB/1P	H14	535x535x66	7,2	50	465	125
TSF-HC-H14-AC-575x575-FB/1P	H14	575x575x66	8,4	50	535	125
TSF-HC-H14-AC-610x610-FB/1P	H14	610x610x66	9,4	50	600	125
TSF-HC-H14-AC-610x762-FB/1P	H14	610x762x66	11,7	50	750	125
TSF-HC-H14-AC-610x915-FB/1P	H14	610x915x66	14,1	50	900	125
TSF-HC-H14-AC-762x762-FB/1P	H14	762x762x66	14,7	50	940	125
TSF-HC-H14-AC-915x915-FB/1P	H14	915x915x66	21,2	50	1350	125
TSF-HC-H14-AC-610x1220-FB/1P	H14	610x1220x66	18,8	50	1200	125
TSF-HC-H14-AC-610x1525-FB/1P	H14	610x1525x66	23,5	50	1500	125
TSF-HC-H14-AC-610x1830-FB/1P	H14	610x1830x66	28,2	50	1800	125
TSF-UC-U15-AC-305x305-FB/1P	U15	305x305x66	2,5	50	150	140
TSF-UC-U15-AC-305x610-FB/1P	U15	305x610x66	5,0	50	300	140
TSF-UC-U15-AC-457x457-FB/1P	U15	457x457x66	5,6	50	340	140
TSF-UC-U15-AC-610x610-FB/1P	U15	610x610x66	10,0	50	600	140
TSF-UC-U15-AC-610x762-FB/1P	U15	610x762x66	12,5	50	750	140
TSF-UC-U15-AC-610x915-FB/1P	U15	610x915x66	15,0	50	900	140
TSF-UC-U15-AC-610x1220-FB/1P	U15	610x1220x66	20,0	50	1200	140

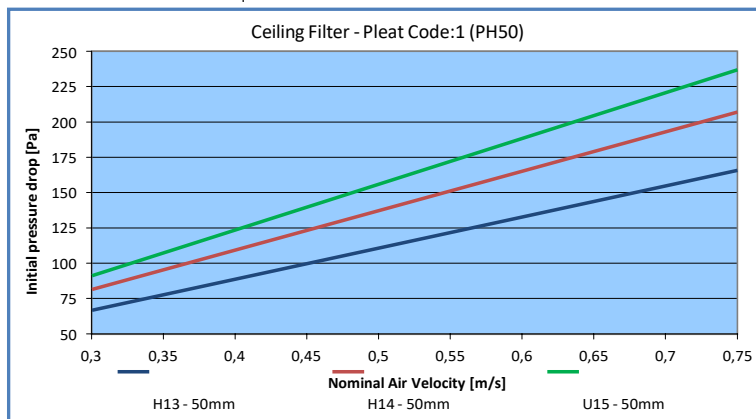
\* Other Dimensions are available on request.



UC-U15-AC-610x610-FB/1P		
Filter Model	Ulpa Ceiling	UC
Filter Class	U15 (EN1822)	U15
Frame Material	Aluminium	A
Filter Depth	66mm	C
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;50mm	1
Gasket type	PU	P

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration		Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
			Area (m <sup>2</sup> )				
TSF-HC-H13-AS-305x305-FB/1P	H13	305x305x69	2,3		50	150	100
TSF-HC-H13-AS-305x610-FB/1P	H13	305x610x69	4,5		50	300	100
TSF-HC-H13-AS-457x457-FB/1P	H13	457x457x69	5,1		50	340	100
TSF-HC-H13-AS-457x610-FB/1P	H13	457x610x69	6,7		50	450	100
TSF-HC-H13-AS-535x535-FB/1P	H13	535x535x69	6,9		50	465	100
TSF-HC-H13-AS-575x575-FB/1P	H13	575x575x69	8,0		50	535	100
TSF-HC-H13-AS-610x610-FB/1P	H13	610x610x69	9,0		50	600	100
TSF-HC-H13-AS-610x762-FB/1P	H13	610x762x69	11,2		50	745	100
TSF-HC-H13-AS-610x915-FB/1P	H13	610x915x69	13,5		50	900	100
TSF-HC-H13-AS-762x762-FB/1P	H13	762x762x69	14,0		50	940	100
TSF-HC-H13-AS-915x915-FB/1P	H13	915x915x69	20,3		50	1350	100
TSF-HC-H13-AS-610x1220-FB/1P	H13	610x1220x69	18,0		50	1200	100
TSF-HC-H13-AS-610x1525-FB/1P	H13	610x1525x69	22,5		50	1500	100
TSF-HC-H13-AS-610x1830-FB/1P	H13	610x1830x69	27,0		50	1800	100
TSF-HC-H14-AS-305x305-FB/1P	H14	305x305x69	2,4		50	150	125
TSF-HC-H14-AS-305x610-FB/1P	H14	305x610x69	4,7		50	300	125
TSF-HC-H14-AS-457x457-FB/1P	H14	457x457x69	5,3		50	340	125
TSF-HC-H14-AS-457x610-FB/1P	H14	457x610x69	7,0		50	450	125
TSF-HC-H14-AS-535x535-FB/1P	H14	535x535x69	7,2		50	465	125
TSF-HC-H14-AS-575x575-FB/1P	H14	575x575x69	8,4		50	535	125
TSF-HC-H14-AS-610x610-FB/1P	H14	610x610x69	9,4		50	600	125
TSF-HC-H14-AS-610x762-FB/1P	H14	610x762x69	11,7		50	745	125
TSF-HC-H14-AS-610x915-FB/1P	H14	610x915x69	14,1		50	900	125
TSF-HC-H14-AS-762x762-FB/1P	H14	762x762x69	14,7		50	940	125
TSF-HC-H14-AS-915x915-FB/1P	H14	915x915x69	21,2		50	1350	125
TSF-HC-H14-AS-610x1220-FB/1P	H14	610x1220x69	18,8		50	1200	125
TSF-HC-H14-AS-610x1525-FB/1P	H14	610x1525x69	23,5		50	1500	125
TSF-HC-H14-AS-610x1830-FB/1P	H14	610x1830x69	28,2		50	1800	125
TSF-UC-U15-AS-305x305-FB/1P	U15	305x305x69	2,5		50	150	140
TSF-UC-U15-AS-305x610-FB/1P	U15	305x610x69	5,0		50	300	140
TSF-UC-U15-AS-457x457-FB/1P	U15	457x457x69	5,6		50	340	140
TSF-UC-U15-AS-610x610-FB/1P	U15	610x610x69	10,0		50	600	140
TSF-UC-U15-AS-610x762-FB/1P	U15	610x762x69	12,5		50	750	140
TSF-UC-U15-AS-610x915-FB/1P	U15	610x915x69	15,0		50	900	140
TSF-UC-U15-AS-610x1220-FB/1P	U15	610x1220x69	20,0		50	1200	140

\* Other Dimensions are available on request.

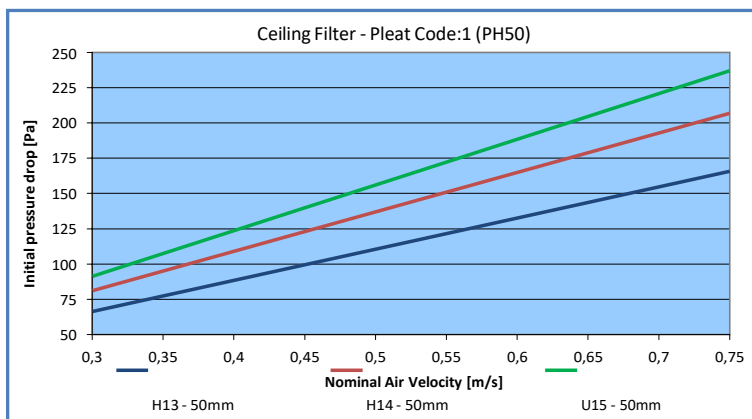


#### HC-H14-AS-610x610-FB/1P

Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	69mm	S
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;50mm	1
Gasket type	PU	P

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HC-H13-AN-305x305-FC/1P	H13	305x305x78	2,3	50	150	100
TSF-HC-H13-AN-305x610-FC/1P	H13	305x610x78	4,5	50	300	100
HC-H13-AN-457x457-FC/1P	H13	457x457x78	5,1	50	340	100
TSF-HC-H13-AN-457x610-FC/1P	H13	457x610x78	6,7	50	450	100
TSF-HC-H13-AN-535x535-FC/1P	H13	535x535x78	6,9	50	465	100
TSF-HC-H13-AN-575x575-FC/1P	H13	575x575x78	8,0	50	535	100
TSF-HC-H13-AN-610x610-FC/1P	H13	610x610x78	9,0	50	600	100
TSF-HC-H13-AN-610x762-FC/1P	H13	610x762x78	11,2	50	750	100
TSF-HC-H13-AN-610x915-FC/1P	H13	610x915x78	13,5	50	900	100
TSF-HC-H13-AN-762x762-FC/1P	H13	762x762x78	14,0	50	940	100
TSF-HC-H13-AN-915x915-FC/1P	H13	915x915x78	20,3	50	1350	100
TSF-HC-H13-AN-610x1220-FC/1P	H13	610x1220x78	18,0	50	1200	100
TSF-HC-H13-AN-610x1525-FC/1P	H13	610x1525x78	22,5	50	1500	100
TSF-HC-H13-AN-610x1830-FC/1P	H13	610x1830x78	27,0	50	1800	100
TSF-HC-H14-AN-305x305-FC/1P	H14	305x305x78	2,4	50	150	125
TSF-HC-H14-AN-305x610-FC/1P	H14	305x610x78	4,7	50	300	125
TSF-HC-H14-AN-457x457-FC/1P	H14	457x457x78	5,3	50	340	125
TSF-HC-H14-AN-457x610-FC/1P	H14	457x610x78	7,0	50	450	125
TSF-HC-H14-AN-535x535-FC/1P	H14	535x535x78	7,2	50	465	125
TSF-HC-H14-AN-575x575-FC/1P	H14	575x575x78	8,4	50	535	125
TSF-HC-H14-AN-610x610-FC/1P	H14	610x610x78	9,4	50	600	125
TSF-HC-H14-AN-610x762-FC/1P	H14	610x762x78	11,7	50	750	125
TSF-HC-H14-AN-610x915-FC/1P	H14	610x915x78	14,1	50	900	125
TSF-HC-H14-AN-762x762-FC/1P	H14	762x762x78	14,7	50	940	125
TSF-HC-H14-AN-915x915-FC/1P	H14	915x915x78	21,2	50	1350	125
TSF-HC-H14-AN-610x1220-FC/1P	H14	610x1220x78	18,8	50	1200	125
TSF-HC-H14-AN-610x1525-FC/1P	H14	610x1525x78	23,5	50	1500	125
TSF-HC-H14-AN-610x1830-FC/1P	H14	610x1830x78	28,2	50	1800	125
TSF-UC-U15-AN-305x305-FC/1P	U15	305x305x78	2,5	50	150	140
TSF-UC-U15-AN-305x610-FC/1P	U15	305x610x78	5,0	50	300	140
TSF-UC-U15-AN-457x457-FC/1P	U15	457x457x78	5,6	50	340	140
TSF-UC-U15-AN-610x610-FC/1P	U15	610x610x78	10,0	50	600	140
TSF-UC-U15-AN-610x762-FC/1P	U15	610x762x78	12,5	50	750	140
TSF-UC-U15-AN-610x915-FC/1P	U15	610x915x78	15,0	50	900	140
TSF-UC-U15-AN-610x1220-FC/1P	U15	610x1220x78	20,0	50	1200	140

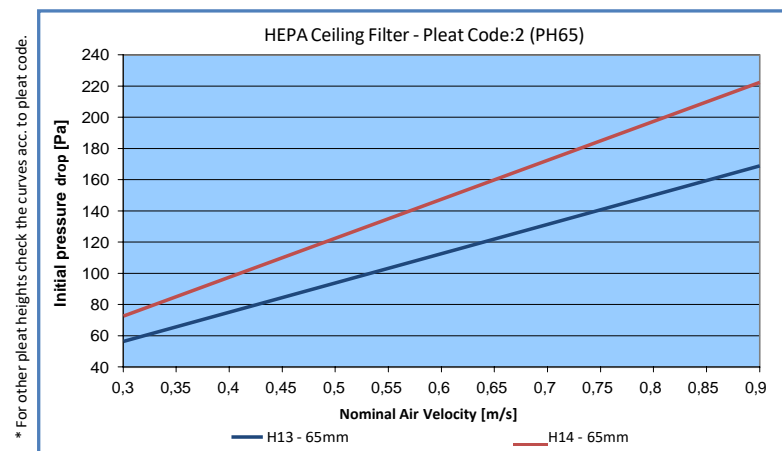
\* Other Dimensions are available on request.



HC-H14-AN-610x610-FC/1P		
Filter Model	Hepa Ceiling	TSF-HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	78mm	N
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	On Clean Side	FC
Pleat Code	PH;50mm	1
Gasket type	PU	P

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HC-H13-AD-305x305-FC/1P	H13	305x305x90	2,3	50	150	100
TSF-HC-H13-AD-305x610-FC/1P	H13	305x610x90	4,5	50	300	100
TSF-HC-H13-AD-457x457-FC/1P	H13	457x457x90	5,1	50	340	100
TSF-HC-H13-AD-610x610-FC/1P	H13	610x610x90	9,0	50	600	100
TSF-HC-H13-AD-610x762-FC/1P	H13	610x762x90	11,2	50	750	100
TSF-HC-H13-AD-610x915-FC/1P	H13	610x915x90	13,5	50	900	100
TSF-HC-H13-AD-610x1220-FC/1P	H13	610x1220x90	18,0	50	1200	100
TSF-HC-H14-AD-305x305-FC/1P	H14	305x305x90	2,4	50	150	125
TSF-HC-H14-AD-305x610-FC/1P	H14	305x610x90	4,7	50	300	125
TSF-HC-H14-AD-457x457-FC/1P	H14	457x457x90	5,3	50	340	125
TSF-HC-H14-AD-610x610-FC/1P	H14	610x610x90	9,4	50	600	125
TSF-HC-H14-AD-610x762-FC/1P	H14	610x762x90	11,7	50	750	125
TSF-HC-H14-AD-610x915-FC/1P	H14	610x915x90	14,1	50	900	125
TSF-HC-H14-AD-610x1220-FC/1P	H14	610x1220x90	18,8	50	1200	125
TSF-HC-H13-AD-305x305-FB/2P	H13	305x305x90	2,9	65	150	85
TSF-HC-H13-AD-305x610-FB/2P	H13	305x610x90	5,9	65	300	85
TSF-HC-H13-AD-457x457-FB/2P	H13	457x457x90	6,6	65	340	85
TSF-HC-H13-AD-610x610-FB/2P	H13	610x610x90	11,7	65	600	85
TSF-HC-H13-AD-610x762-FB/2P	H13	610x762x90	14,6	65	750	85
TSF-HC-H13-AD-610x915-FB/2P	H13	610x915x90	17,6	65	900	85
TSF-HC-H13-AD-610x1220-FB/2P	H13	610x1220x90	23,4	65	1200	85
TSF-HC-H14-AD-305x305-FB/2P	H14	305x305x90	3,1	65	150	110
TSF-HC-H14-AD-305x610-FB/2P	H14	305x610x90	6,1	65	300	110
TSF-HC-H14-AD-457x457-FB/2P	H14	457x457x90	6,9	65	340	110
TSF-HC-H14-AD-610x610-FB/2P	H14	610x610x90	12,2	65	600	110
TSF-HC-H14-AD-610x762-FB/2P	H14	610x762x90	15,3	65	750	110
TSF-HC-H14-AD-610x915-FB/2P	H14	610x915x90	18,3	65	900	110
TSF-HC-H14-AD-610x1220-FB/2P	H14	610x1220x90	24,4	65	1200	110

\* Other Dimensions are available on request.



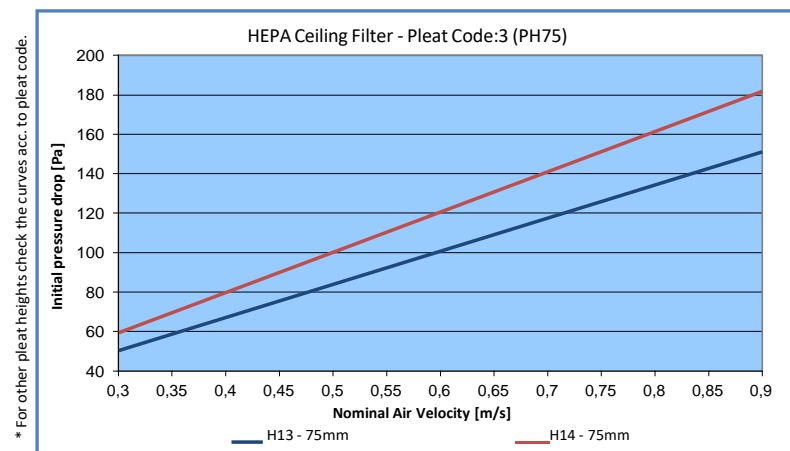
\* For other pleat heights check the curves acc. to pleat code.

HC-H14-AD-610x610-FB/2P		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	90mm	D
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;65mm	2
Gasket type	PU	P



Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HC-H13-AM-305x305-FC/1P	H13	305x305x100	2,3	50	150	100
TSF-HC-H13-AM-305x610-FC/1P	H13	305x610x100	4,5	50	300	100
TSF-HC-H13-AM-457x457-FC/1P	H13	457x457x100	5,1	50	340	100
TSF-HC-H13-AM-610x610-FC/1P	H13	610x610x100	9,0	50	600	100
TSF-HC-H13-AM-610x762-FC/1P	H13	610x762x100	11,2	50	750	100
TSF-HC-H13-AM-610x915-FC/1P	H13	610x915x100	13,5	50	900	100
TSF-HC-H13-AM-610x1220-FC/1P	H13	610x1220x100	18,0	50	1200	100
TSF-HC-H14-AM-305x305-FC/1P	H14	305x305x100	2,4	50	150	125
TSF-HC-H14-AM-305x610-FC/1P	H14	305x610x100	4,7	50	300	125
TSF-HC-H14-AM-457x457-FC/1P	H14	457x457x100	5,3	50	340	125
TSF-HC-H14-AM-610x610-FC/1P	H14	610x610x100	9,4	50	600	125
TSF-HC-H14-AM-610x762-FC/1P	H14	610x762x100	11,7	50	750	125
TSF-HC-H14-AM-610x915-FC/1P	H14	610x915x100	14,1	50	900	125
TSF-HC-H14-AM-610x1220-FC/1P	H14	610x1220x100	18,8	50	1200	125
TSF-HC-H13-AM-305x305-FB/3P	H13	305x305x100	3,4	75	150	75
TSF-HC-H13-AM-305x610-FB/3P	H13	305x610x100	6,8	75	300	75
TSF-HC-H13-AM-457x457-FB/3P	H13	457x457x100	7,6	75	340	75
TSF-HC-H13-AM-610x610-FB/3P	H13	610x610x100	13,5	75	600	75
TSF-HC-H13-AM-610x762-FB/3P	H13	610x762x100	16,9	75	750	75
TSF-HC-H13-AM-610x915-FB/3P	H13	610x915x100	20,3	75	900	75
TSF-HC-H13-AM-610x1220-FB/3P	H13	610x1220x100	27,0	75	1200	75
TSF-HC-H14-AM-305x305-FB/3P	H14	305x305x100	3,5	75	150	90
TSF-HC-H14-AM-305x610-FB/3P	H14	305x610x100	7,1	75	300	90
TSF-HC-H14-AM-457x457-FB/3P	H14	457x457x100	7,9	75	340	90
TSF-HC-H14-AM-610x610-FB/3P	H14	610x610x100	14,1	75	600	90
TSF-HC-H14-AM-610x762-FB/3P	H14	610x762x100	17,6	75	750	90
TSF-HC-H14-AM-610x915-FB/3P	H14	610x915x100	21,2	75	900	90
TSF-HC-H14-AM-610x1220-FB/3P	H14	610x1220x100	28,2	75	1200	90

\* Other Dimensions are available on request.

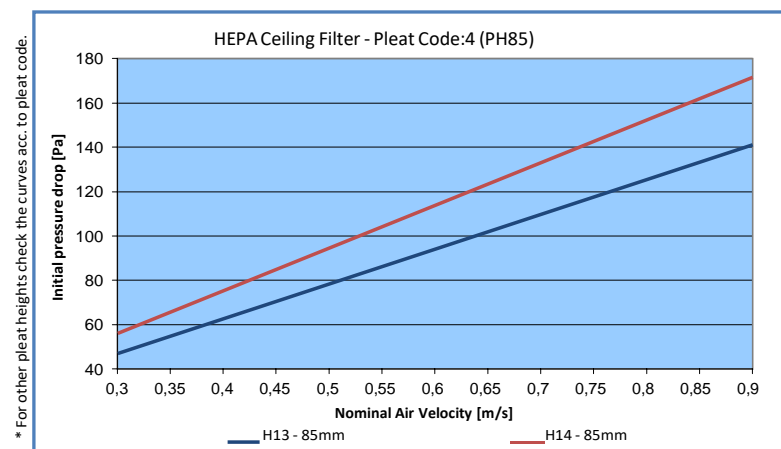


\* For other pleat heights check the curves acc. to pleat code.

HC-H14-AM-610x610-FB/3P		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	100mm	M
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;75mm	3
Gasket type	PU	P

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HC-H13-AF-305x305-FC/1P	H13	305x305x110	2,3	50	150	100
TSF-HC-H13-AF-305x610-FC/1P	H13	305x610x110	4,5	50	300	100
TSF-HC-H13-AF-457x457-FC/1P	H13	457x457x110	5,1	50	340	100
TSF-HC-H13-AF-610x610-FC/1P	H13	610x610x110	9,0	50	600	100
TSF-HC-H13-AF-610x762-FC/1P	H13	610x762x110	11,2	50	750	100
TSF-HC-H13-AF-610x915-FC/1P	H13	610x915x110	13,5	50	900	100
TSF-HC-H13-AF-610x1220-FC/1P	H13	610x1220x110	18,0	50	1200	100
TSF-HC-H14-AF-305x305-FC/1P	H14	305x305x110	2,4	50	150	125
TSF-HC-H14-AF-305x610-FC/1P	H14	305x610x110	4,7	50	300	125
TSF-HC-H14-AF-457x457-FC/1P	H14	457x457x110	5,3	50	340	125
TSF-HC-H14-AF-610x610-FC/1P	H14	610x610x110	9,4	50	600	125
TSF-HC-H14-AF-610x762-FC/1P	H14	610x762x110	11,7	50	750	125
TSF-HC-H14-AF-610x915-FC/1P	H14	610x915x110	14,1	50	900	125
TSF-HC-H14-AF-610x1220-FC/1P	H14	610x1220x110	18,8	50	1200	125
TSF-HC-H13-AF-305x305-FB/4P	H13	305x305x110	3,8	85	150	70
TSF-HC-H13-AF-305x610-FB/4P	H13	305x610x110	7,7	85	300	70
TSF-HC-H13-AF-457x457-FB/4P	H13	457x457x110	8,6	85	340	70
TSF-HC-H13-AF-610x610-FB/4P	H13	610x610x110	15,3	85	600	70
TSF-HC-H13-AF-610x762-FB/4P	H13	610x762x110	19,1	85	750	70
TSF-HC-H13-AF-610x915-FB/4P	H13	610x915x110	23,0	85	900	70
TSF-HC-H13-AF-610x1220-FB/4P	H13	610x1220x110	30,6	85	1200	70
TSF-HC-H14-AF-305x305-FB/4P	H14	305x305x110	4,0	85	150	85
TSF-HC-H14-AF-305x610-FB/4P	H14	305x610x110	8,0	85	300	85
TSF-HC-H14-AF-457x457-FB/4P	H14	457x457x110	9,0	85	340	85
TSF-HC-H14-AF-610x610-FB/4P	H14	610x610x110	16,0	85	600	85
TSF-HC-H14-AF-610x762-FB/4P	H14	610x762x110	20,0	85	750	85
TSF-HC-H14-AF-610x915-FB/4P	H14	610x915x110	24,0	85	900	85
TSF-HC-H14-AF-610x1220-FB/4P	H14	610x1220x110	32,0	85	1200	85

\* Other Dimensions are available on request.



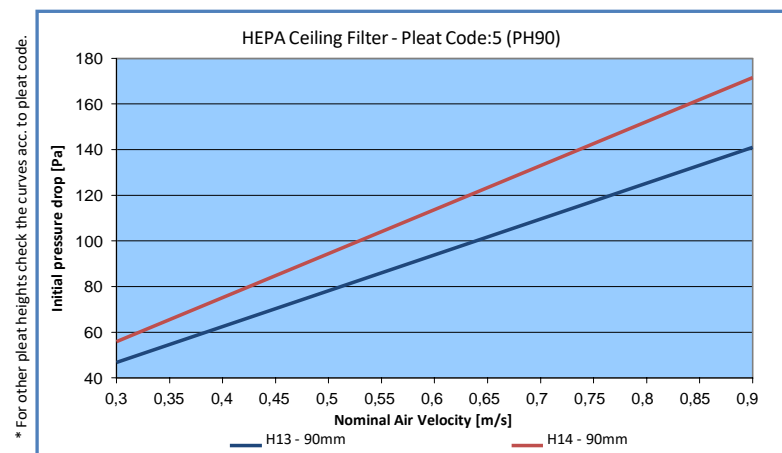
\* For other pleat heights check the curves acc. to pleat code.

**HC-H14-AF-610x610-FB/4P**

Filter Model	Hepa Ceiling	<b>TSF-HC</b>
Filter Class	H14 (EN1822)	<b>H14</b>
Frame Material	Aluminium	<b>A</b>
Filter Depth	110mm	<b>FB</b>
Filter Dimensions	WxH (mm)	<b>610x610</b>
Faceguard Side	Bothside	<b>FB</b>
Pleat Code	PH;85mm	<b>4</b>
Gasket type	PU	<b>P</b>

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HC-H13-AK-305x305-FC/1P	H13	305x305x117	2,3	50	150	100
TSF-HC-H13-AK-305x610-FC/1P	H13	305x610x117	4,5	50	300	100
TSF-HC-H13-AK-457x457-FC/1P	H13	457x457x117	5,1	50	340	100
TSF-HC-H13-AK-610x610-FC/1P	H13	610x610x117	9,0	50	600	100
TSF-HC-H13-AK-610x762-FC/1P	H13	610x762x117	11,2	50	750	100
TSF-HC-H13-AK-610x915-FC/1P	H13	610x915x117	13,5	50	900	100
TSF-HC-H13-AK-610x1220-FC/1P	H13	610x1220x117	18,0	50	1200	100
TSF-HC-H14-AK-305x305-FC/1P	H14	305x305x117	2,4	50	150	125
TSF-HC-H14-AK-305x610-FC/1P	H14	305x610x117	4,7	50	300	125
TSF-HC-H14-AK-457x457-FC/1P	H14	457x457x117	5,3	50	340	125
TSF-HC-H14-AK-610x610-FC/1P	H14	610x610x117	9,4	50	600	125
TSF-HC-H14-AK-610x762-FC/1P	H14	610x762x117	11,7	50	750	125
TSF-HC-H14-AK-610x915-FC/1P	H14	610x915x117	14,1	50	900	125
TSF-HC-H14-AK-610x1220-FC/1P	H14	610x1220x117	18,8	50	1200	125
TSF-HC-H13-AK-305x305-FB/5P	H13	305x305x117	3,8	90	150	70
TSF-HC-H13-AK-305x610-FB/5P	H13	305x610x117	7,7	90	300	70
TSF-HC-H13-AK-457x457-FB/5P	H13	457x457x117	8,6	90	340	70
TSF-HC-H13-AK-610x610-FB/5P	H13	610x610x117	15,3	90	600	70
TSF-HC-H13-AK-610x762-FB/5P	H13	610x762x117	19,1	90	750	70
TSF-HC-H13-AK-610x915-FB/5P	H13	610x915x117	23,0	90	900	70
TSF-HC-H13-AK-610x1220-FB/5P	H13	610x1220x117	30,6	90	1200	70
TSF-HC-H14-AK-305x305-FB/5P	H14	305x305x117	4,0	90	150	85
TSF-HC-H14-AK-305x610-FB/5P	H14	305x610x117	8,0	90	300	85
TSF-HC-H14-AK-457x457-FB/5P	H14	457x457x117	9,0	90	340	85
TSF-HC-H14-AK-610x610-FB/5P	H14	610x610x117	16,0	90	600	85
TSF-HC-H14-AK-610x762-FB/5P	H14	610x762x117	20,0	90	750	85
TSF-HC-H14-AK-610x915-FB/5P	H14	610x915x117	24,0	90	900	85
TSF-HC-H14-AK-610x1220-FB/5P	H14	610x1220x117	32,0	90	1200	85

\* Other Dimensions are available on request.

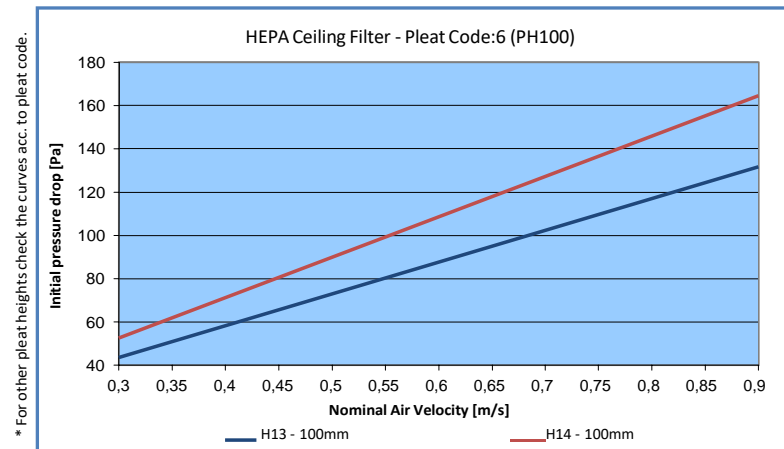


\* For other pleat heights check the curves acc. to pleat code.

HC-H14-AK-610x610-FB/5P		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	117mm	K
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;90mm	5
Gasket type	PU	P

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HC-H13-AL-305x305-FC/1P	H13	305x305x125	2,3	50	150	100
TSF-HC-H13-AL-305x610-FC/1P	H13	305x610x125	4,5	50	300	100
TSF-HC-H13-AL-457x457-FC/1P	H13	457x457x125	5,1	50	340	100
TSF-HC-H13-AL-610x610-FC/1P	H13	610x610x125	9,0	50	600	100
TSF-HC-H13-AL-610x762-FC/1P	H13	610x762x125	11,2	50	750	100
TSF-HC-H13-AL-610x915-FC/1P	H13	610x915x125	13,5	50	900	100
TSF-HC-H13-AL-610x1220-FC/1P	H13	610x1220x125	18,0	50	1200	100
TSF-HC-H14-AL-305x305-FC/1P	H14	305x305x125	2,4	50	150	125
TSF-HC-H14-AL-305x610-FC/1P	H14	305x610x125	4,7	50	300	125
TSF-HC-H14-AL-457x457-FC/1P	H14	457x457x125	5,3	50	340	125
TSF-HC-H14-AL-610x610-FC/1P	H14	610x610x125	9,4	50	600	125
TSF-HC-H14-AL-610x762-FC/1P	H14	610x762x125	11,7	50	750	125
TSF-HC-H14-AL-610x915-FC/1P	H14	610x915x125	14,1	50	900	125
TSF-HC-H14-AL-610x1220-FC/1P	H14	610x1220x125	18,8	50	1200	125
TSF-HC-H13-AL-305x305-FB/6P	H13	305x305x125	4,5	100	150	65
TSF-HC-H13-AL-305x610-FB/6P	H13	305x610x125	9,0	100	300	65
TSF-HC-H13-AL-457x457-FB/6P	H13	457x457x125	10,1	100	340	65
TSF-HC-H13-AL-610x610-FB/6P	H13	610x610x125	18,0	100	600	65
TSF-HC-H13-AL-610x762-FB/6P	H13	610x762x125	22,5	100	750	65
TSF-HC-H13-AL-610x915-FB/6P	H13	610x915x125	27,0	100	900	65
TSF-HC-H13-AL-610x1220-FB/6P	H13	610x1220x125	36,0	100	1200	65
TSF-HC-H14-AL-305x305-FB/6P	H14	305x305x125	4,7	100	150	80
TSF-HC-H14-AL-305x610-FB/6P	H14	305x610x125	9,4	100	300	80
TSF-HC-H14-AL-457x457-FB/6P	H14	457x457x125	10,6	100	340	80
TSF-HC-H14-AL-610x610-FB/6P	H14	610x610x125	18,8	100	600	80
TSF-HC-H14-AL-610x762-FB/6P	H14	610x762x125	23,5	100	750	80
TSF-HC-H14-AL-610x915-FB/6P	H14	610x915x125	28,2	100	900	80
TSF-HC-H14-AL-610x1220-FB/6P	H14	610x1220x125	37,6	100	1200	80

\* Other Dimensions are available on request.

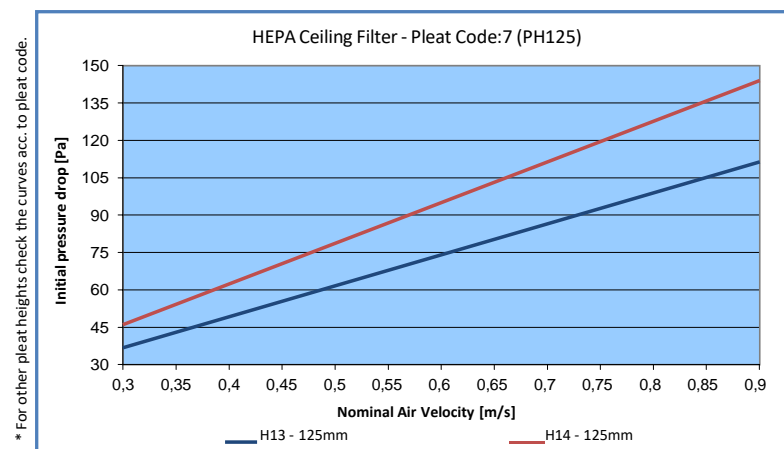


\* For other pleat heights check the curves acc. to pleat code.

HC-H14-AL-610x610-FB/6P		
Filter Model	Hepa Ceiling	HC
Filter Class	H14 (EN1822)	H14
Frame Material	Aluminium	A
Filter Depth	125mm	L
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Bothside	FB
Pleat Code	PH;100mm	6
Gasket type	PU	P

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HC-H13-AX-305x305-FC/1P	H13	305x305x150	2,3	50	150	100
TSF-HC-H13-AX-305x610-FC/1P	H13	305x610x150	4,5	50	300	100
TSF-HC-H13-AX-457x457-FC/1P	H13	457x457x150	5,1	50	340	100
TSF-HC-H13-AX-610x610-FC/1P	H13	610x610x150	9,0	50	600	100
TSF-HC-H13-AX-610x762-FC/1P	H13	610x762x150	11,2	50	750	100
TSF-HC-H13-AX-610x915-FC/1P	H13	610x915x150	13,5	50	900	100
TSF-HC-H13-AX-610x1220-FC/1P	H13	610x1220x150	18,0	50	1200	100
TSF-HC-H14-AX-305x305-FC/1P	H14	305x305x150	2,4	50	150	125
TSF-HC-H14-AX-305x610-FC/1P	H14	305x610x150	4,7	50	300	125
TSF-HC-H14-AX-457x457-FC/1P	H14	457x457x150	5,3	50	340	125
TSF-HC-H14-AX-610x610-FC/1P	H14	610x610x150	9,4	50	600	125
TSF-HC-H14-AX-610x762-FC/1P	H14	610x762x150	11,7	50	750	125
TSF-HC-H14-AX-610x915-FC/1P	H14	610x915x150	14,1	50	900	125
TSF-HC-H14-AX-610x1220-FC/1P	H14	610x1220x150	18,8	50	1200	125
TSF-HC-H13-AX-305x305-FB/7P	H13	305x305x150	5,6	125	150	55
TSF-HC-H13-AX-305x610-FB/7P	H13	305x610x150	11,3	125	300	55
TSF-HC-H13-AX-457x457-FB/7P	H13	457x457x150	12,6	125	340	55
TSF-HC-H13-AX-610x610-FB/7P	H13	610x610x150	22,5	125	600	55
TSF-HC-H13-AX-610x762-FB/7P	H13	610x762x150	28,1	125	750	55
TSF-HC-H13-AX-610x915-FB/7P	H13	610x915x150	33,8	125	900	55
TSF-HC-H13-AX-610x1220-FB/7P	H13	610x1220x150	45,0	125	1200	55
TSF-HC-H14-AX-305x305-FB/7P	H14	305x305x150	5,9	125	150	70
TSF-HC-H14-AX-305x610-FB/7P	H14	305x610x150	11,8	125	300	70
TSF-HC-H14-AX-457x457-FB/7P	H14	457x457x150	13,2	125	340	70
TSF-HC-H14-AX-610x610-FB/7P	H14	610x610x150	23,5	125	600	70
TSF-HC-H14-AX-610x762-FB/7P	H14	610x762x150	29,4	125	750	70
TSF-HC-H14-AX-610x915-FB/7P	H14	610x915x150	35,3	125	900	70
TSF-HC-H14-AX-610x1220-FB/7P	H14	610x1220x150	47,0	125	1200	70

\* Other Dimensions are available on request.



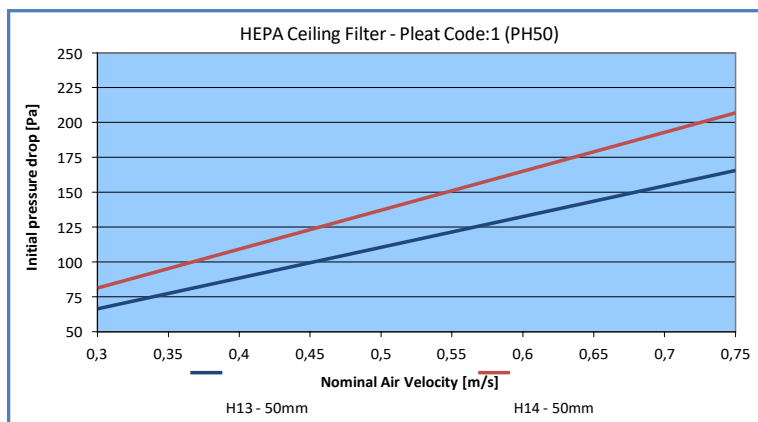
\* For other pleat heights check the curves acc. to pleat code.

**HC-H14-AX-610x610-FB/7P**

Filter Model	Hepa Ceiling	<b>TSF-HC</b>
Filter Class	H14 (EN1822)	<b>H14</b>
Frame Material	Aluminium	<b>A</b>
Filter Depth	150mm	<b>X</b>
Filter Dimensions	WxH (mm)	<b>610x610</b>
Faceguard Side	Bothside	<b>FB</b>
Pleat Code	PH;125mm	<b>7</b>
Gasket type	PU	<b>P</b>

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HC-H13-MN-305x305-FW/1P	H13	305x305x78	2,3	50	150	100
TSF-HC-H13-MN-305x610-FW/1P	H13	305x610x78	4,5	50	300	100
TSF-HC-H13-MN-457x457-FW/1P	H13	457x457x78	5,1	50	340	100
TSF-HC-H13-MN-457x610-FW/1P	H13	457x610x78	6,7	50	450	100
TSF-HC-H13-MN-535x535-FW/1P	H13	535x535x78	6,9	50	465	100
TSF-HC-H13-MN-575x575-FW/1P	H13	575x575x78	8,0	50	535	100
TSF-HC-H13-MN-610x610-FW/1P	H13	610x610x78	9,0	50	600	100
TSF-HC-H13-MN-610x762-FW/1P	H13	610x762x78	11,2	50	750	100
TSF-HC-H13-MN-610x915-FW/1P	H13	610x915x78	13,5	50	900	100
TSF-HC-H13-MN-762x762-FW/1P	H13	762x762x78	14,0	50	940	100
TSF-HC-H13-MN-915x915-FW/1P	H13	915x915x78	20,3	50	1350	100
TSF-HC-H13-MN-610x1220-FW/1P	H13	610x1220x78	18,0	50	1200	100
TSF-HC-H13-MN-610x1525-FW/1P	H13	610x1525x78	22,5	50	1500	100
TSF-HC-H13-MN-610x1830-FW/1P	H13	610x1830x78	27,0	50	1800	100
TSF-HC-H14-MN-305x305-FW/1P	H14	305x305x78	2,4	50	150	125
TSF-HC-H14-MN-305x610-FW/1P	H14	305x610x78	4,7	50	300	125
TSF-HC-H14-MN-457x457-FW/1P	H14	457x457x78	5,3	50	340	125
TSF-HC-H14-MN-457x610-FW/1P	H14	457x610x78	7,0	50	450	125
TSF-HC-H14-MN-535x535-FW/1P	H14	535x535x78	7,2	50	465	125
TSF-HC-H14-MN-575x575-FW/1P	H14	575x575x78	8,4	50	535	125
TSF-HC-H14-MN-610x610-FW/1P	H14	610x610x78	9,4	50	600	125
TSF-HC-H14-MN-610x762-FW/1P	H14	610x762x78	11,7	50	750	125
TSF-HC-H14-MN-610x915-FW/1P	H14	610x915x78	14,1	50	900	125
TSF-HC-H14-MN-762x762-FW/1P	H14	762x762x78	14,7	50	940	125
TSF-HC-H14-MN-915x915-FW/1P	H14	915x915x78	21,2	50	1350	125
TSF-HC-H14-MN-610x1220-FW/1P	H14	610x1220x78	18,8	50	1200	125
TSF-HC-H14-MN-610x1525-FW/1P	H14	610x1525x78	23,5	50	1500	125
TSF-HC-H14-MN-610x1830-FW/1P	H14	610x1830x78	28,2	50	1800	125

\* Other Dimensions are available on request.

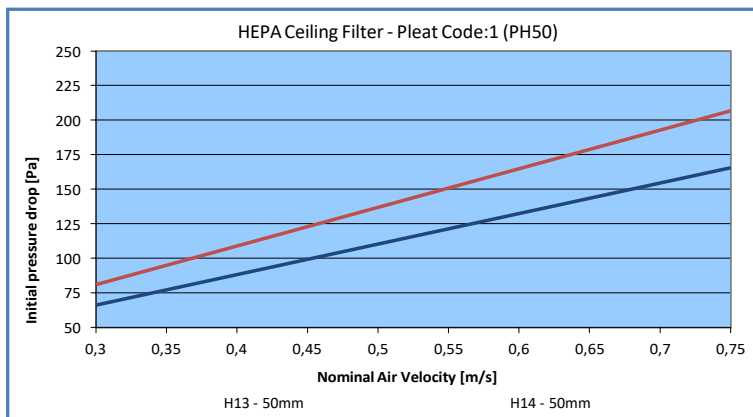


### HC-H13-MN-610x610-FW/1P

Filter Model	Hepa Ceiling	TSF-HC
Filter Class	H13 (EN1822)	H13
Frame Material	MDF	M
Filter Depth	78mm	N
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Without	FW
Pleat Code	PH;50mm	1
Gasket type	PU	P

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HC-H13-MX-305x305-FW/1P	H13	305x305x150	2,3	50	150	100
TSF-HC-H13-MX-305x610-FW/1P	H13	305x610x150	4,5	50	300	100
TSF-HC-H13-MX-457x457-FW/1P	H13	457x457x150	5,1	50	340	100
TSF-HC-H13-MX-457x610-FW/1P	H13	457x610x150	6,7	50	450	100
TSF-HC-H13-MX-535x535-FW/1P	H13	535x535x150	6,9	50	465	100
TSF-HC-H13-MX-575x575-FW/1P	H13	575x575x150	8,0	50	535	100
TSF-HC-H13-MX-610x610-FW/1P	H13	610x610x150	9,0	50	600	100
TSF-HC-H13-MX-610x762-FW/1P	H13	610x762x150	11,2	50	750	100
TSF-HC-H13-MX-610x915-FW/1P	H13	610x915x150	13,5	50	900	100
TSF-HC-H13-MX-762x762-FW/1P	H13	762x762x150	14,0	50	940	100
TSF-HC-H13-MX-915x915-FW/1P	H13	915x915x150	20,3	50	1350	100
TSF-HC-H13-MX-610x1220-FW/1P	H13	610x1220x150	18,0	50	1200	100
TSF-HC-H13-MX-610x1525-FW/1P	H13	610x1525x150	22,5	50	1500	100
TSF-HC-H13-MX-610x1830-FW/1P	H13	610x1830x150	27,0	50	1800	100
TSF-HC-H14-MX-305x305-FW/1P	H14	305x305x150	2,4	50	150	125
TSF-HC-H14-MX-305x610-FW/1P	H14	305x610x150	4,7	50	300	125
TSF-HC-H14-MX-457x457-FW/1P	H14	457x457x150	5,3	50	340	125
TSF-HC-H14-MX-457x610-FW/1P	H14	457x610x150	7,0	50	450	125
TSF-HC-H14-MX-535x535-FW/1P	H14	535x535x150	7,2	50	465	125
TSF-HC-H14-MX-575x575-FW/1P	H14	575x575x150	8,4	50	535	125
TSF-HC-H14-MX-610x610-FW/1P	H14	610x610x150	9,4	50	600	125
TSF-HC-H14-MX-610x762-FW/1P	H14	610x762x150	11,7	50	750	125
TSF-HC-H14-MX-610x915-FW/1P	H14	610x915x150	14,1	50	900	125
TSF-HC-H14-MX-762x762-FW/1P	H14	762x762x150	14,7	50	940	125
TSF-HC-H14-MX-915x915-FW/1P	H14	915x915x150	21,2	50	1350	125
TSF-HC-H14-MX-610x1220-FW/1P	H14	610x1220x150	18,8	50	1200	125
TSF-HC-H14-MX-610x1525-FW/1P	H14	610x1525x150	23,5	50	1500	125
TSF-HC-H14-MX-610x1830-FW/1P	H14	610x1830x150	28,2	50	1800	125

\* Other Dimensions are available on request.



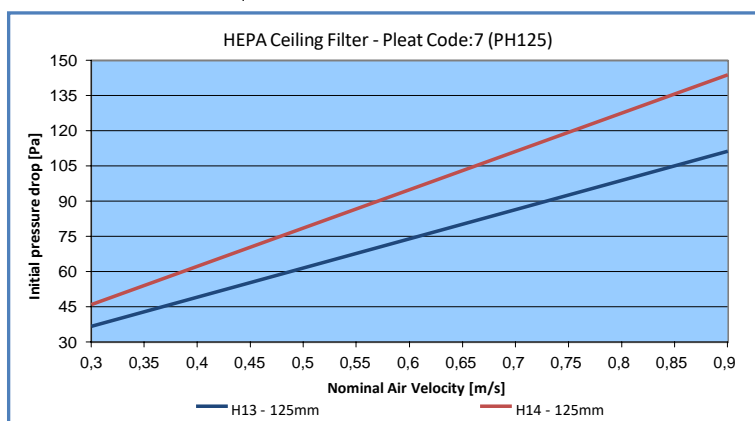
\* For other pleat heights chTSF-ECK the curves acc. to pleat code.

**HC-H13-MX-610x610-FW/1P**

Filter Model	Hepa Ceiling	
Filter Class	H13 (EN1822)	HC
Frame Material	MDF	H13
Filter Depth	150mm	M
Filter Dimensions	WxH (mm)	X
		610x610
Faceguard Side	Without	FW
Pleat Code	PH;50mm	1
Gasket type	PU	P

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Pleat Height (mm)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
TSF-HC-H13-MX-305x305-FW/7P	H13	305x305x150	4,5	125	150	65
TSF-HC-H13-MX-305x610-FW/7P	H13	305x610x150	9,0	125	300	65
TSF-HC-H13-MX-457x457-FW/7P	H13	457x457x150	10,1	125	340	65
TSF-HC-H13-MX-457x610-FW/7P	H13	457x610x150	13,5	125	450	65
TSF-HC-H13-MX-535x535-FW/7P	H13	535x535x150	13,9	125	465	65
TSF-HC-H13-MX-575x575-FW/7P	H13	575x575x150	16,0	125	535	65
TSF-HC-H13-MX-610x610-FW/7P	H13	610x610x150	18,0	125	600	65
TSF-HC-H13-MX-610x762-FW/7P	H13	610x762x150	22,5	125	750	65
TSF-HC-H13-MX-610x915-FW/7P	H13	610x915x150	27,0	125	900	65
TSF-HC-H13-MX-762x762-FW/7P	H13	762x762x150	28,1	125	940	65
TSF-HC-H13-MX-915x915-FW/7P	H13	915x915x150	40,5	125	1350	65
TSF-HC-H13-MX-610x1220-FW/7P	H13	610x1220x150	36,0	125	1200	65
TSF-HC-H13-MX-610x1525-FW/7P	H13	610x1525x150	45,0	125	1500	65
TSF-HC-H13-MX-610x1830-FW/7P	H13	610x1830x150	54,0	125	1800	65
TSF-HC-H14-MX-305x305-FW/7P	H14	305x305x150	4,7	125	150	80
TSF-HC-H14-MX-305x610-FW/7P	H14	305x610x150	9,4	125	300	80
TSF-HC-H14-MX-457x457-FW/7P	H14	457x457x150	10,6	125	340	80
TSF-HC-H14-MX-457x610-FW/7P	H14	457x610x150	14,1	125	450	80
TSF-HC-H14-MX-535x535-FW/7P	H14	535x535x150	14,5	125	465	80
TSF-HC-H14-MX-575x575-FW/7P	H14	575x575x150	16,7	125	535	80
TSF-HC-H14-MX-610x610-FW/7P	H14	610x610x150	18,8	125	600	80
TSF-HC-H14-MX-610x762-FW/7P	H14	610x762x150	23,5	125	750	80
TSF-HC-H14-MX-610x915-FW/7P	H14	610x915x150	28,2	125	900	80
TSF-HC-H14-MX-762x762-FW/7P	H14	762x762x150	29,3	125	940	80
TSF-HC-H14-MX-915x915-FW/7P	H14	915x915x150	42,3	125	1350	80
TSF-HC-H14-MX-610x1220-FW/7P	H14	610x1220x150	37,6	125	1200	80
TSF-HC-H14-MX-610x1525-FW/7P	H14	610x1525x150	47,0	125	1500	80
TSF-HC-H14-MX-610x1830-FW/7P	H14	610x1830x150	56,4	125	1800	80

\* Other Dimensions are available on request.



\* For other pleat heights chTSF-ECK the curves acc. to pleat code.

HC-H13-MX-610x610-FW/7P		
Filter Model	Hepa Ceiling	TSF-HC
Filter Class	H13 (EN1822)	H13
Frame Material	MDF	M
Filter Depth	150mm	X
Filter Dimensions	WxH (mm)	610x610
Faceguard Side	Without	FW
Pleat Code	PH;125mm	7
Gasket type	PU	P