



PLENUM WITH ABSOLUTE FILTER HOLDER FOR SUPPLY GRILLES

PP30
SERIES

TECHNICAL CHARACTERISTICS

OVERVIEW :

The PP 30F (rear connection) and PP 31F (side connection) are employed for the diffusion of air using absolute filters in white rooms, hospitals, pharmaceutical labs, food industries and generally in buildings with controlled contamination.

CONSTRUCTION CHARACTERISTICS

Supporting frame: the filter holding plenum is made from folded steel plate, welded and varnished RAL 9010 both internally and externally; the construction is made completely air tight, complete with connection for the air supply. On request the unit can be made in stainless steel (special construction). Fixing of the grille using screws and filleted inserts applied on the side of the plenum.

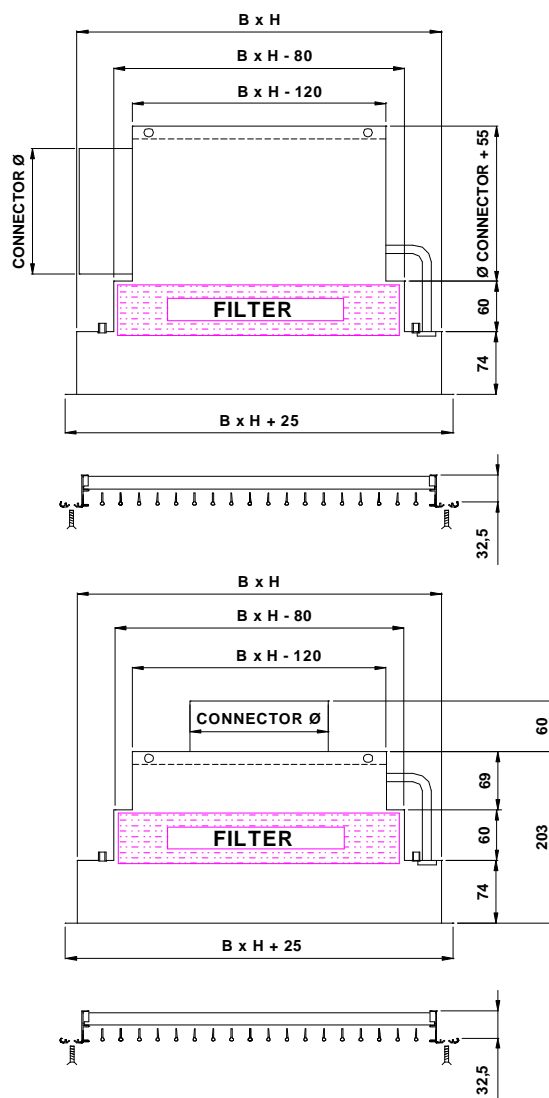
Supply grille: double deflection blades individually adjustable, in anodized extruded aluminium. On request this can be supplied in a RAL colour chosen from the customer.

Air entrance: rear or lateral with circular connector.

Installation: the fixing profile has been designed specifically to allow for fixing to walls. The removal of the grille for the substitution of the filter can be done without removing the entire filter holding unit.

TECHNICAL CHARACTERISTICS:

Here below are shown the main size characteristics. For the absolute filter class indicated, refer to the relevant page.



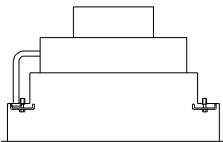
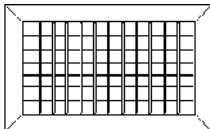

PLENUM SIZE BxH (mm)	GRILLE SIZE (mm)	CONNECTOR DIAMETER Ø (mm)	FILTER SIZE (mm)
395x395	400x400	160	305x305x68
545x395	550x400	200	457x305x68
700x395	700x400	200	610x305x68
700x700	700x700	250	610x610x68
850x700	850x700	300	762x610x68
850x850	850x850	300	762x762x68
1003x700	1000x700	300	915x610x68
1295x700	1300x700	2x250	1200x610x68

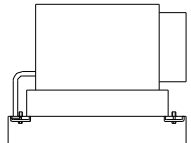
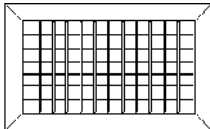



PLENUM WITH ABSOLUTE FILTER HOLDER FOR SUPPLY GRILLES

PP30
SERIES

CODES

Plenum nominal dimensions			
B x H	Absolute filter plenum with rear connection	Double deflection supply grille	Absolute filter
395x395	PP30F 400400	UM2VF400400	FA-7L-10.....
545x395	PP30F 550400	UM2VF550400	FA-7L-20.....
700x395	PP30F 700400	UM2VF700400	FA-7L-1L.....
700x700	PP30F 700700	UM2VF700700	FA-7L-40.....
850x700	PP30F 850700	UM2VF850700	
850x850	PP30F 850850	UM2VF850850	
1003x700	PP30F 1000700	UM2VF1000700	FA-7L-41.....
1295x700	PP30F 1300700	UM2VF1300700	FA-7L-42.....

Plenum nominal dimensions			
B x H	Absolute filter plenum with rear connection	Double deflection supply grille	Absolute filter
395x395	PP31F 400400	UM2VF400400	FA-7L-10.....
545x395	PP31F 550400	UM2VF550400	FA-7L-20.....
700x395	PP31F 700400	UM2VF700400	FA-7L-1L.....
700x700	PP31F 700700	UM2VF700700	FA-7L-40.....
850x700	PP31F 850700	UM2VF850700	FA-7L-5L.....
850x850	PP31F 850850	UM2VF850850	FA-7L-52.....
1003x700	PP31F 1000700	UM2VF1000700	FA-7L-41.....
1295x700	PP31F 1300700	UM2VF1300700	FA-7L-42.....



TERMINALI DIFFUSORI PORTAFILTRO ASSOLUTO

SERIE
FY

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OVERVIEW :

The FY series of terminals is used for diffusing air through absolute filters for white chambers, medical centres, pharmaceutical laboratories, the food industry and generally in any contamination-controlled environment. The FY series of diffuser terminals can be fitted with various types of diffusers, depending on the type of diffusion required, that is, the slotted diffusers may be used for laminar airflows and panel or 4-outlet diffusers for turbulent airflows.

CONSTRUCTION CHARACTERISTICS

Supporting Structure : The plenum chamber that houses the filters is made of bent and welded steel, and is painted RAL 9010 internally and externally. The chamber is fully airtight and comes complete with an air intake connection. Upon request these units can also be made in stainless steel (special execution).

Diffusers : Alternatives - slotted in steel, painted RAL 9010 (KF) - in extruded anodised aluminium, with 4 outlets (N4) - in steel, painted RAL 9010 with adjustable deflectors for helical convection (Q1, Q2 and Q3).

Air intake : Side or top, with circular or rectangular connection (special execution).

Regulation : By setting shutter for directing the air into the area treated, by simply removing the diffuser, for any type of installation.

TESTING

FY terminals are equipped with pressure tap for DOP testing of internal pressure in order to control the degree of wear of the filter



Filter with gasket



Fixing filter brands



damper with external regulation



pressure tap

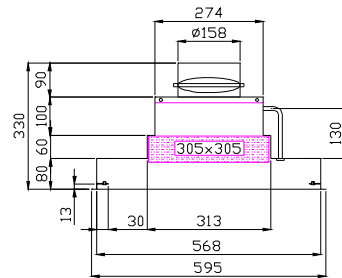
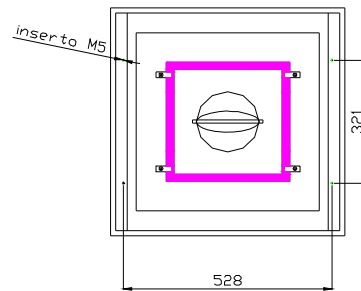
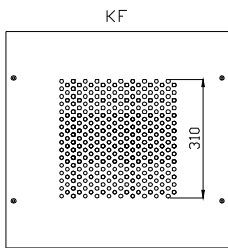
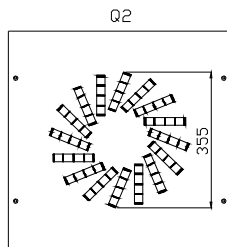
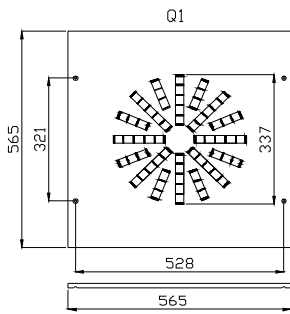


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

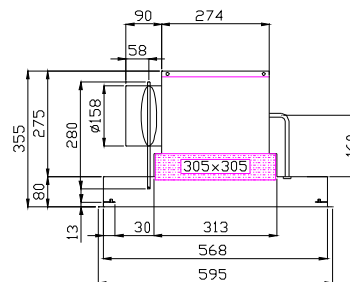
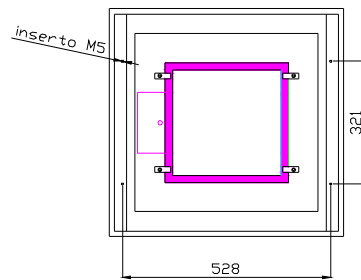
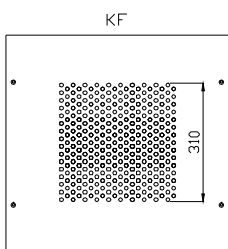
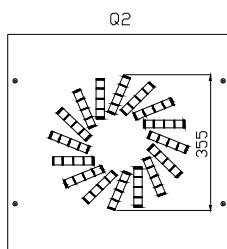
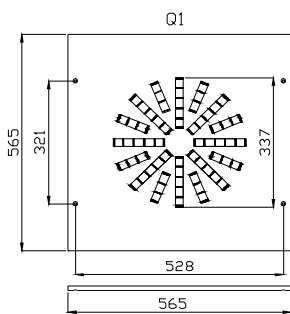
FY
SERIES

CONSTRUCTION

ABSOLUTE FILTER HOLDER TERMINAL FY-10 - _ _ - APB - 305
Construction for diffusers Q1 / Q2 / KF



ABSOLUTE FILTER HOLDER TERMINAL FY 10 - _ _ - APA - 305
Construction for diffusers Q1 / Q2 / KF



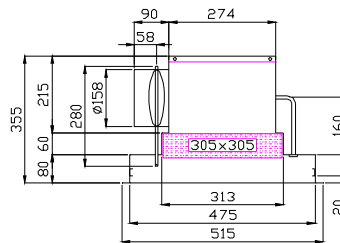
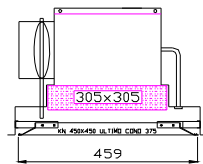
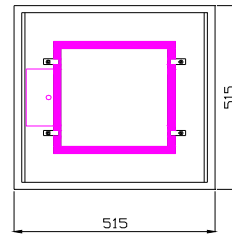
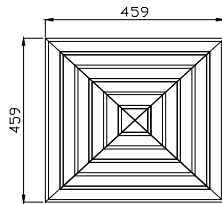


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

FY
SERIES

CONSTRUCTION

ABSOLUTE FILTER HOLDER TERMINAL FY 10 - 4N - APA - 305
Construction for diffusers N4



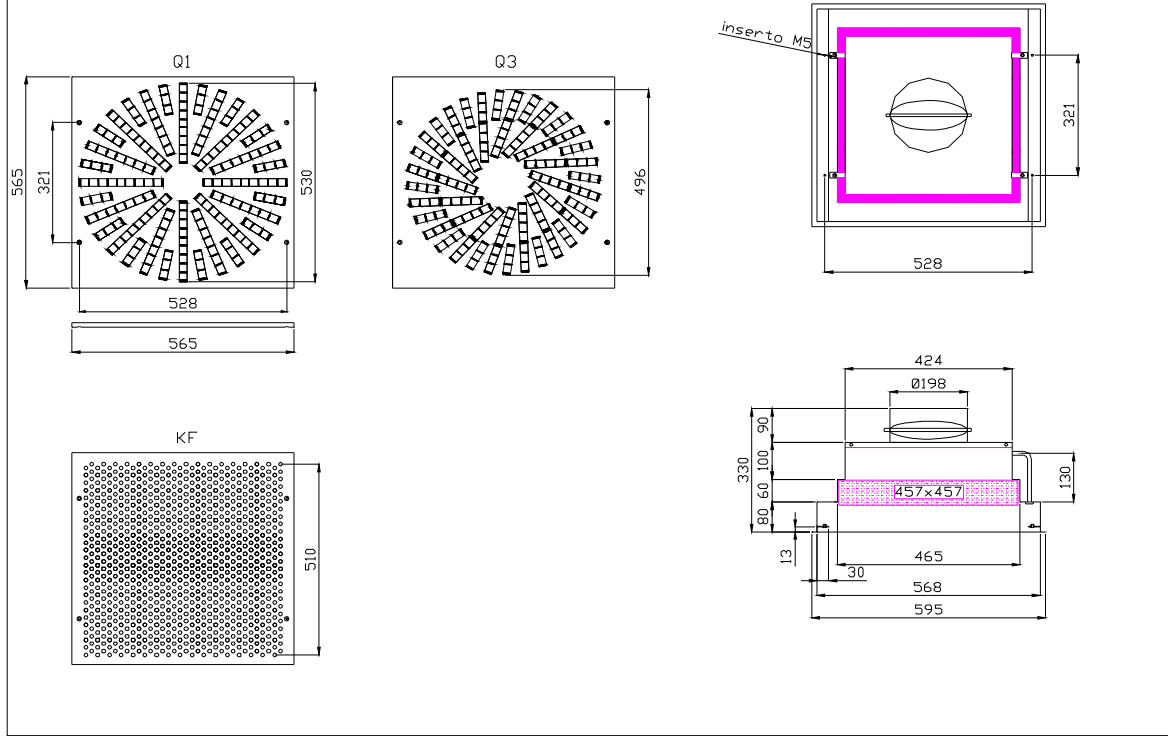


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

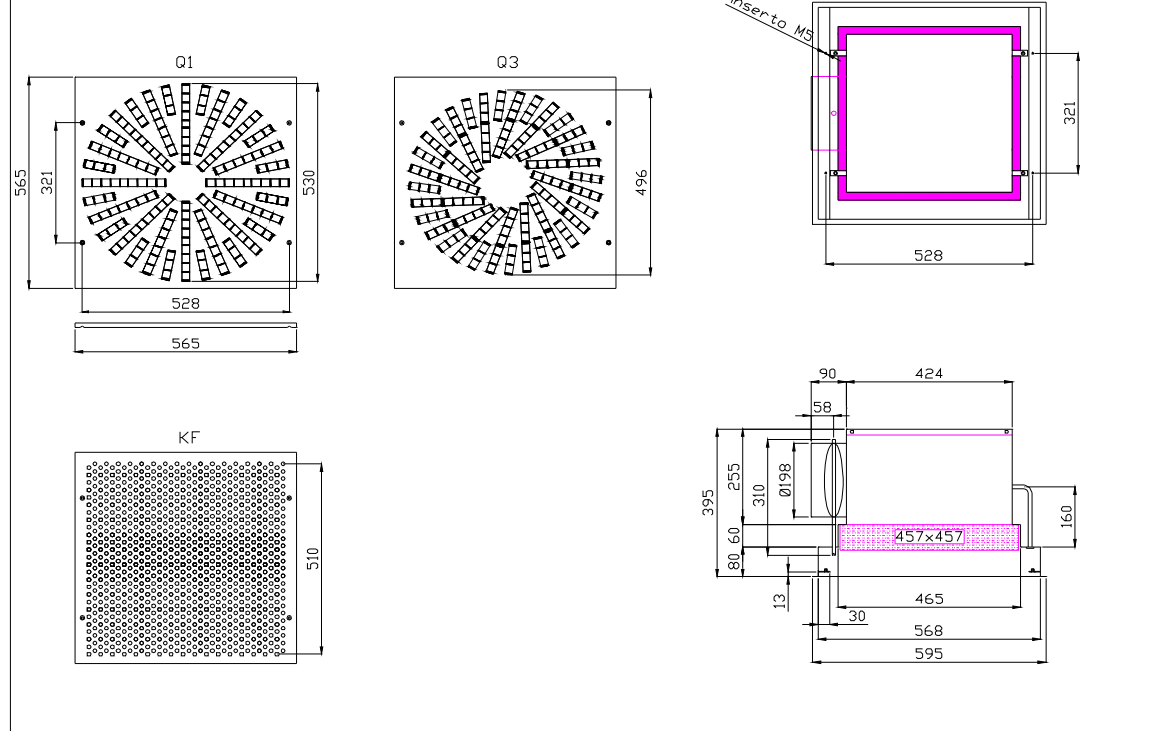
FY SERIES

CONSTRUCTION

ABSOLUTE FILTER HOLDER TERMINAL FY 21 - _ _ - APB - 457
Construction for diffusers Q1 / Q3 / KF



ABSOLUTE FILTER HOLDER TERMINAL FY 21 - _ _ - APA - 457
Construction for diffusers Q1 / Q3 / KF



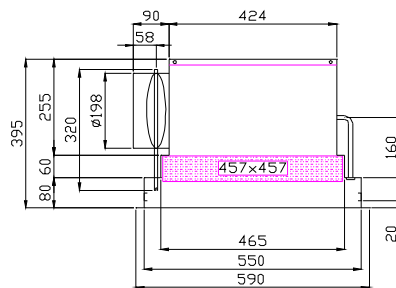
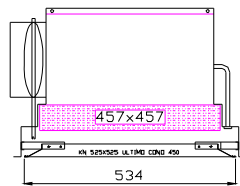
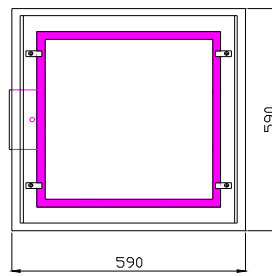
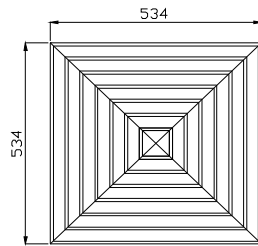


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

FY
SERIES

CONSTRUCTION

ABSOLUTE FILTER HOLDER TERMINAL FY 21 - KN - APA - 457
Construction for diffusers N4



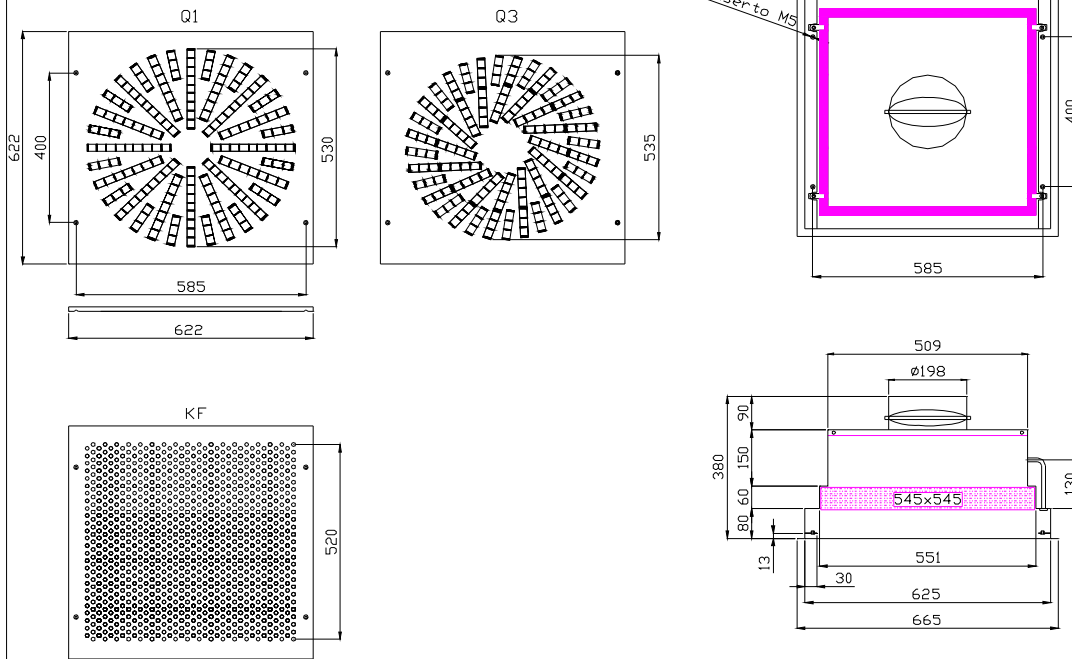


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

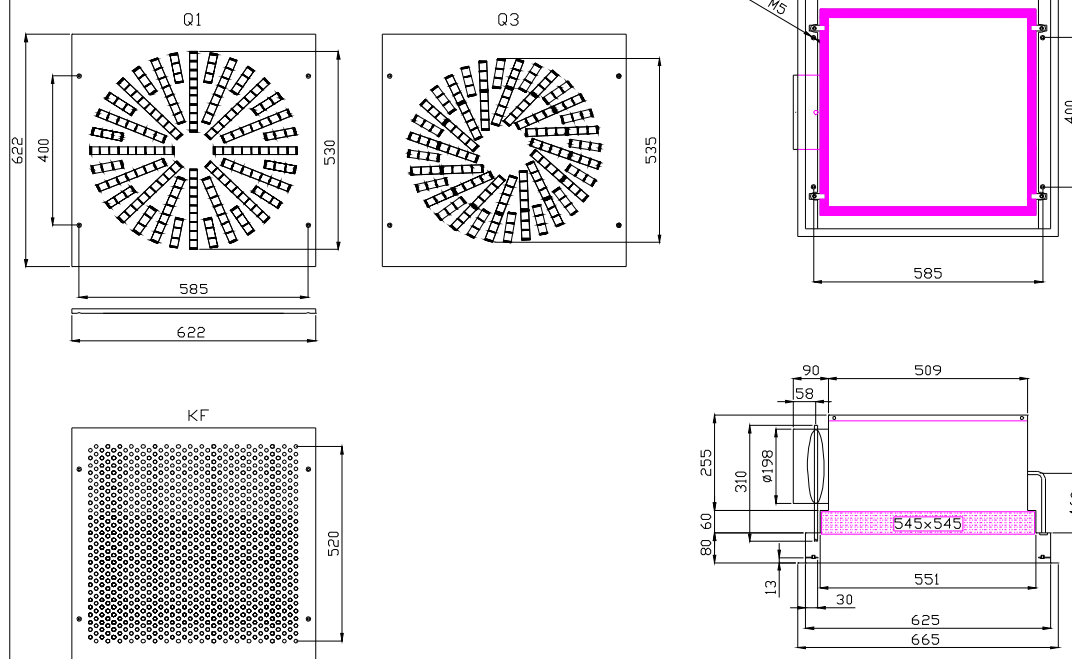
FY SERIES

CONSTRUCTION

ABSOLUTE FILTER HOLDER TERMINAL FY 30 - _ _ - APB - 545
Construction for diffusers Q1 / Q3 / KF



ABSOLUTE FILTER HOLDER TERMINAL FY 30 - _ _ - APA - 545
Construction for diffusers Q1 / Q3 / KF



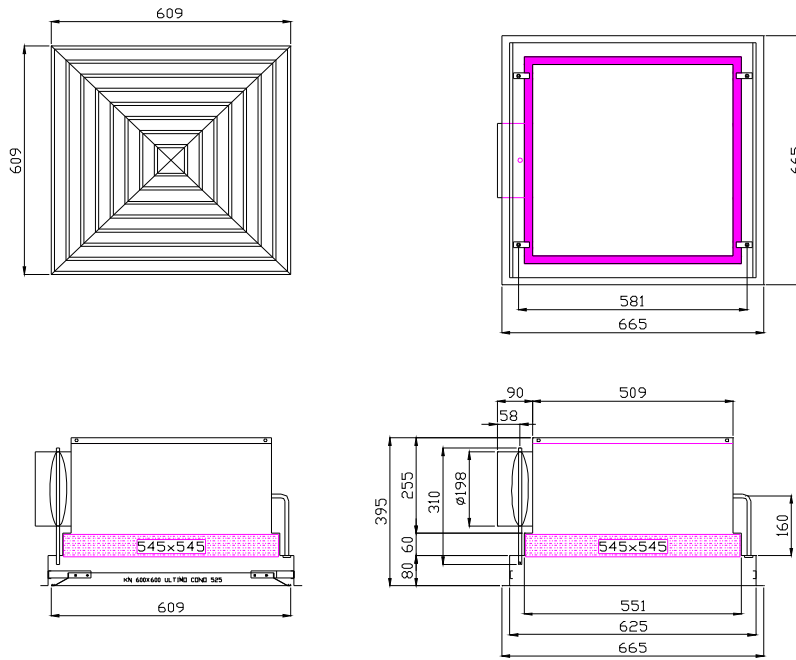


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

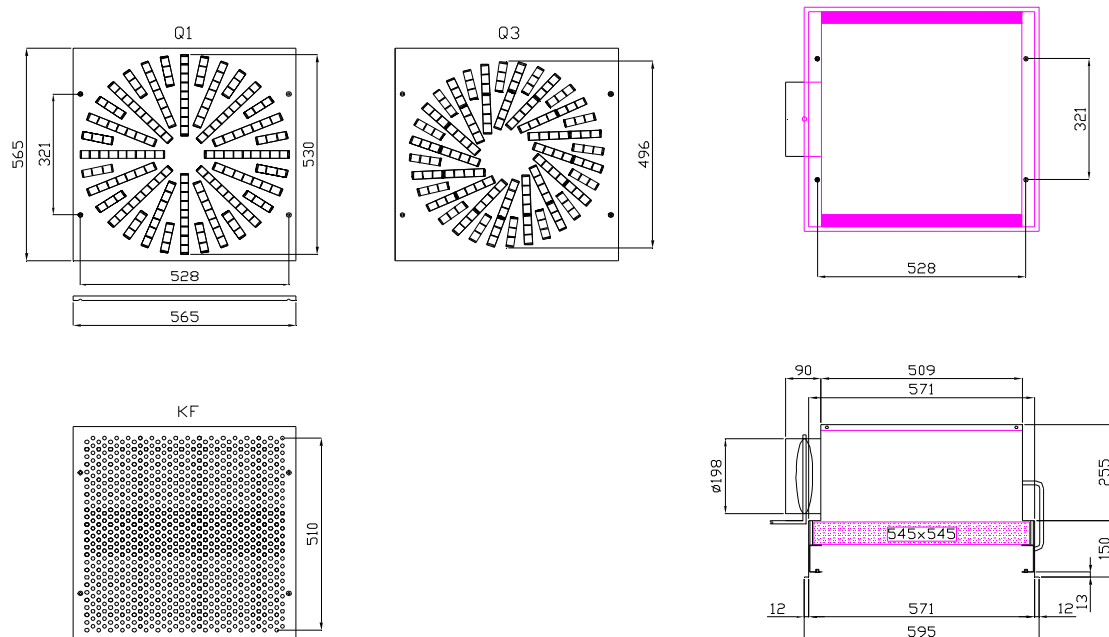
FY SERIES

CONSTRUCTION

ABSOLUTE FILTER HOLDER TERMINAL FY 30 - KN - APA - 545
Construction for diffusers N4



ABSOLUTE FILTER HOLDER TERMINAL FY 30 - _ _ - APAT - 545
Construction for diffusers Q1 / Q3 / KF





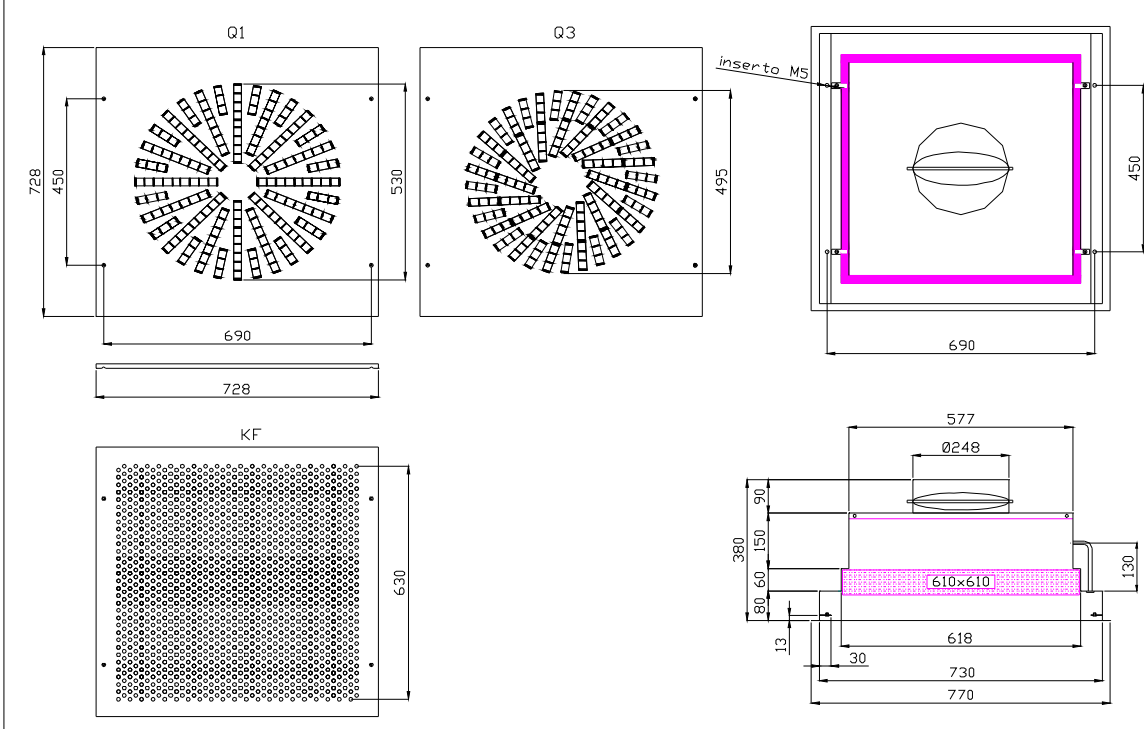


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

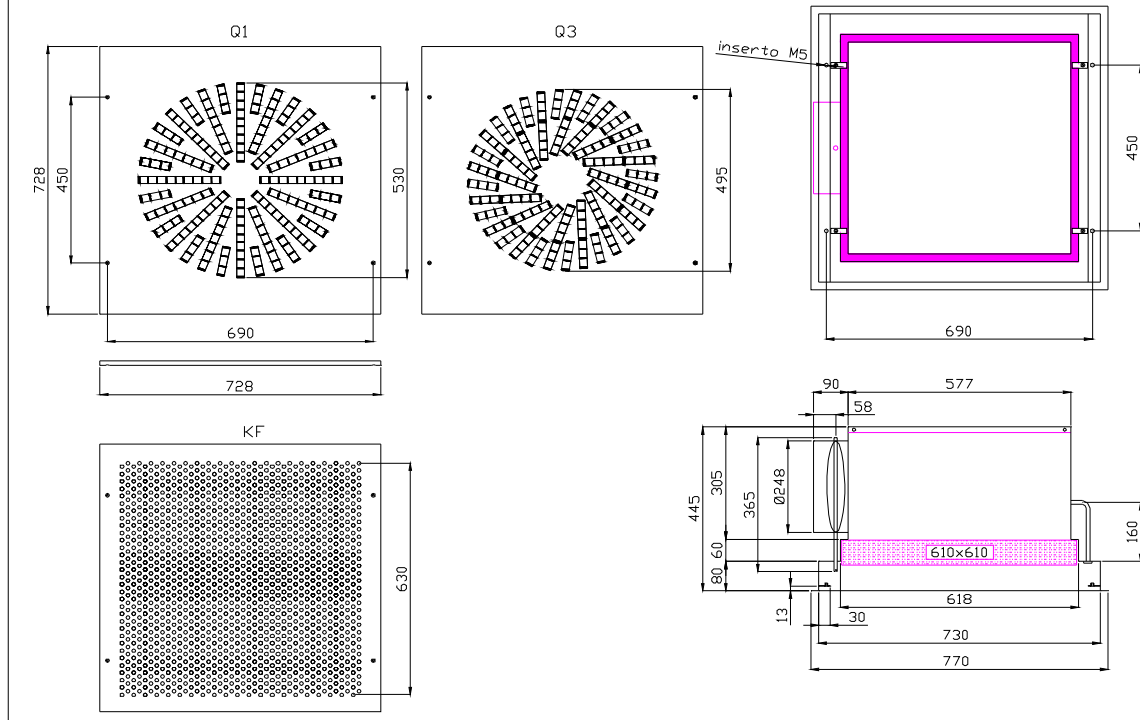
FY SERIES

CONSTRUCTION

ABSOLUTE FILTER HOLDER TERMINAL FY 40 - - - - APB - 610
Construction for diffusers Q1 / Q3 / KF



ABSOLUTE FILTER HOLDER TERMINAL FY 40 - - - - APA - 610
Construction for diffusers Q1 / Q3 / KF



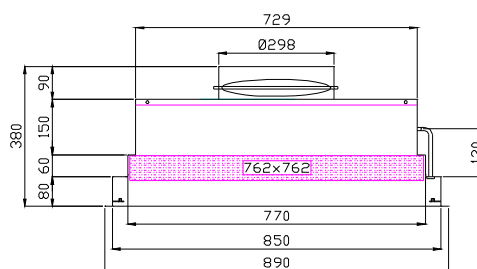
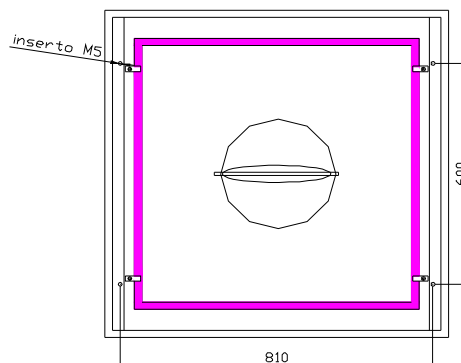
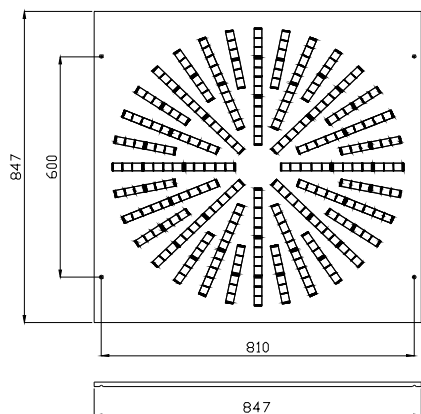


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

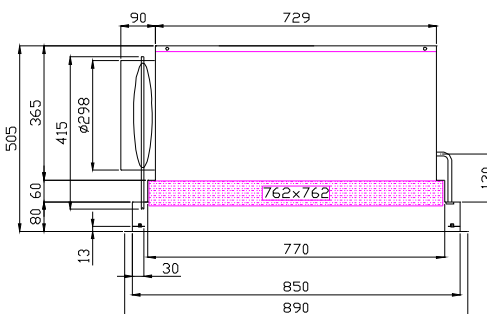
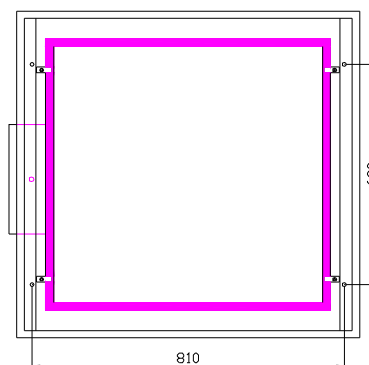
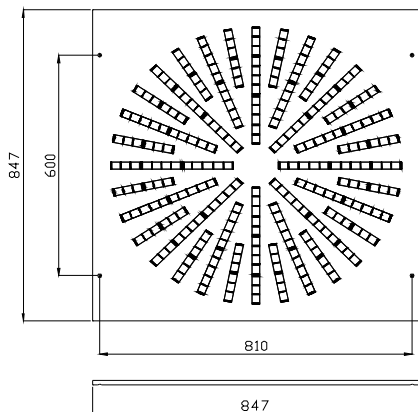
FY
SERIES

CONSTRUCTION

ABSOLUTE FILTER HOLDER TERMINAL FY 52 - - - APB - 762
Construction for diffusers Q1 847x847



ABSOLUTE FILTER HOLDER TERMINAL FY 52 - - - APB - 762
Construction for diffusers Q1 847x847










ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

**FY
SERIES**

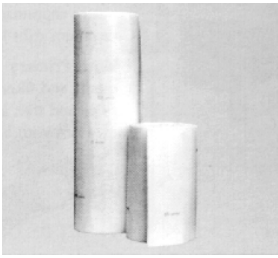
CODES

Code	Filter size	Damper	Attacco	Diffuser				
								
				Q1	Q2	Q3	KF	N4
FY-10-__-SSA	305 x 305	-	side circ.	X	X	-	X	X
FY-10-__-SPA	305 x 305	Flat	side circ.	X	X	-	X	X
FY-10-__-SFA	305 x 305	Slotted	side circ.	X	X	-	X	X
FY-10-__-ASA	305 x 305	-	side circ.	X	X	-	X	X
FY-10-__-APA	305 x 305	Flat	side circ.	X	X	-	X	X
FY-10-__-AFA	305 x 305	Slotted	side circ.	X	X	-	X	X
FY-21-__-SSA	457 x 457	-	side circ.	X	-	X	X	X
FY-21-__-SPA	457 x 457	Flat	side circ.	X	-	X	X	X
FY-21-__-SFA	457 x 457	Slotted	side circ.	X	-	X	X	X
FY-21-__-ASA	457 x 457	-	side circ.	X	-	X	X	X
FY-21-__-APA	457 x 457	Flat	side circ.	X	-	X	X	X
FY-21-__-AFA	457 x 457	Slotted	side circ.	X	-	X	X	X
FY-30-__-SSA	545 x 545	-	side circ.	X	-	X	X	X
FY-30-__-SPA	545 x 545	Flat	side circ.	X	-	X	X	X
FY-30-__-SFA	545 x 545	Slotted	side circ.	X	-	X	X	X
FY-30-__-ASA	545 x 545	-	side circ.	X	-	X	X	X
FY-30-__-APA	545 x 545	Flat	side circ.	X	-	X	X	X
FY-30-__-AFA	545 x 545	Slotted	side circ.	X	-	X	X	X
FY-40-__-SSA	610 x 610	-	side circ.	X	-	X	X	-
FY-40-__-SPA	610 x 610	Flat	side circ.	X	-	X	X	-
FY-40-__-SFA	610 x 610	Slotted	side circ.	X	-	X	X	-
FY-40-__-ASA	610 x 610	-	side circ.	X	-	X	X	-
FY-40-__-APA	610 x 610	Flat	side circ.	X	-	X	X	-
FY-40-__-AFA	610 x 610	Slotted	side circ.	X	-	X	X	-

FY	Absolute filter holder terminal
10 / 21 / 30 / 40	Absolute filter dimension
Q1 / Q2 / Q3 / KF / N4	Type of panel diffuser with deflectors (Q1, Q2 & Q3), slotted (KF) and with 4 outlets (4N)
A	With pressure tap
S / P / F	Without damper/with flat damper / with slotted damper
A / B / C / D	Connection: side circ / circ. top / rect. side / rect. top

Example: FY - 21 - N4 - AFA

Absolute filter holder diffuser terminal for filter- dimensions 457x457, complete with 4-outlet anodised aluminium diffuser with socket for DOP test, and slotted setting damper, and circular side air intake connection



FR FILTER MEDIA

OVERVIEW - TECHNICAL CHARACTERISTICS MEDIUM EFFICENCY FILTERS

OVERVIEW : FR series filter media are made of fiber glass. They are used for spry booth, paint field application and pre-filtration of rough dusts. Furthermore FR filter media is suitable for application on filter-holder extract grilles. They are supplied in rolls or panels.

FILTER MEDIA : fire retardant and water-repellent fiber glass with progressive density.

OPERATIVE TEMPERATURE : + 100 C.

HEIGHT FILTER MEDIA : 2000 mm.

Filtering class - Am% on synthetic dust	G3 CEN - EN 779	G4 CEN - EN 779
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Code	Sizes [mt]	Area [m ²]	Ø roll [mm]	Packing weight[kg]	G3	G4	G4
FR ..	2x20	40	50	4,0	FR 10		
FR ..	2x20	40			FR 15		
FR ..	2x20	40	60	8,5		FR 20	
FR ..	2x20	40					FR 25

Pressure drop (Pa)	
G3	G4

Initial Δp	3l	5l
Final Δp	250	250
Maximum Δp	300	300

CODE EXAMPLE

Order for filter media in roll with thickness 20 mm:

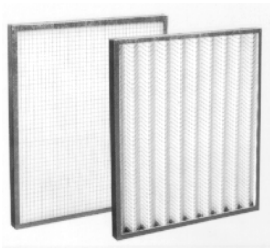
FR10
Roll with
thickness 10 mm
and length 20 mt

FR15
Roll with
thickness 15 mm
and length 20 mt

FR20
Roll with
thickness 20 mm
and length 20 m

FR25
Roll with
thickness 25 mm
and length 20 mt

FR = ROLL FILTER
20 = MEDIA THICKNESS



FP FLAT FILTERING CELLS

OVERVIEW - TECHNICAL CHARACTERISTICS MEDIUM EFFICENCY FILTERS

OVERVIEW : The flat filtering cell FP series is used for primary filtration in HVAC plant when pre-filtration of rough and fine dusts is required. Furthermore FP filters are suitable for application on filter-holder extract grilles.

FILTER MEDIA : made of polyester fiber.

FRAME : made of galvanized steel and protective mesh screen on both sides.

OPERATIVE TEMPERATURE : - 30 + 100 °C.

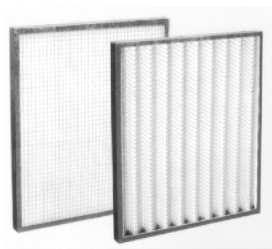
HEIGHT FILTERING ELEMENT : 22 - 48 mm..

Filtering class - Am% on synthetic dust		G 4				
Code	Sizes [mm]	Velocity [m/s]				
		0,5	1,0	1,5	2,0	2,5
FP22	287 x 592	310	615	920	1225	1530
	400 x 400	290	580	870	1150	1440
	400 x 500	360	720	1080	1440	1800
	400 x 625	450	900	1350	1800	2250
	500 x 500	450	900	1350	1800	2250
	500 x 625	565	1125	1690	2250	2815
	592 x 592	635	1265	1895	2525	3155
FP48	287 x 592	310	615	920	1225	1530
	400 x 400	290	580	870	1150	1440
	400 x 500	360	720	1080	1440	1800
	400 x 625	450	900	1350	1800	2250
	500 x 500	450	900	1350	1800	2250
	500 x 625	565	1125	1690	2250	2815
	592 x 592	635	1265	1895	2525	3155
		Pressure drop [Pa]				
FP22		20	25	38	49	60
FP48		30	35	49	60	73

CODE EXAMPLE

Flat filter cell sizes 592x592, filtering class EU3 and filtering element thickness 22 mm:

FP = FLAT FILTER CELL
22 = FILTER THICKNESS
592 x 592 = FRAME SIZES



FO PLEATED FILTERING CELL

OVERVIEW - TECHNICAL CHARACTERISTICS MEDIUM EFFICENCY FILTERS

OVERVIEW : The pleated filtering cell FO series is used for primary filtration in HVAC plant when pre-filtration of rough and fine dusts is required. Furthermore FP filters are suitable for application on filter-holder extract grilles.

FILTER MEDIA : made of polyester fiber.

FRAME : made of galvanized steel and protective mesh screen on both sides.

OPERATIVE TEMPERATURE : - 30 + 100 C.

HEIGHT FILTERING ELEMENT: 48 - 98 mm.

Filtering class - Am% on synthetic dust	G 4
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Code	Sizes [mm]	Velocity [m/s]				
		0,5	1,0	1,5	2,0	2,5
FO48	287 x 592	550-650	1050-1300	1550-1950	2050-2250	2550-3200
	400 x 400	500-600	950-1200	1450-1800	1900-2400	2400-3000
	400 x 500	600-750	1200-1500	1800-2250	2400-3000	3000-3750
	400 x 592	750-950	1500-1900	2250-2850	3000-3750	3750-4700
	400 x 625	750-950	1500-1900	2250-2850	3000-3750	3750-4700
	490 x 592	950-1200	1900-2350	2850-3550	3750-4700	4700-5900
	500 x 500	750-950	1500-1900	2250-2850	3000-3750	3750-4700
	500 x 625	950-1200	1900-2350	2850-3550	3750-4700	4700-5900
	592 x 592	1100-1350	2150-2650	3200-3950	4250-5300	5300-6600
FO98	287 x 592	550-650	1050-1300	1550-1950	2050-2250	2550-3200
	400 x 400	500-600	950-1200	1450-1800	1900-2400	2400-3000
	400 x 500	600-750	1200-1500	1800-2250	2400-3000	3000-3750
	400 x 625	750-950	1500-1900	2250-2850	3000-3750	3750-4700
	500 x 500	750-950	1500-1900	2250-2850	3000-3750	3750-4700
	500 x 625	950-1200	1900-2350	2850-3550	3750-4700	4700-5900
	592 x 592	1100-1350	2150-2650	3200-3950	4250-5300	5300-6600

Pressure drop [Pa]				
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FO48	35	70	130	190	260
FO98	35	70	130	190	260

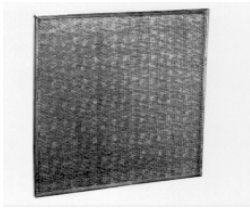
CODE EXAMPLE

Pleated filter cell sizes 592x592, filtering class EU3 and filtering element thickness 48 mm:

FO = PLEATED FILTER CELL

48 = FILTER THICKNESS

592 x 592 = FRAME SIZES



FPI STAINLESS STEEL FLAT FILTER

OVERVIEW - TECHNICAL CHARACTERISTICS MEDIUM EFFICENCY FILTERS

OVERVIEW : The pleated filtering cell FPI series is used for primary filtration in cooking area plant and when aspiration of kitchen vapours and smokes removal is required.

FILTER MEDIA : The media is constituted by multilayer nets with variable density of stainless steel.

FRAME : AISI 304 stainless steel.

OPERATIVE TEMPERATURE : + 200 °C.

HEIGHT FILTERING ELEMENT: 12,5 - 22 mm.

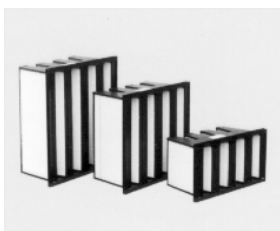
Filtering class		EU 2 EN779 (G2)				
Code	Sizes [mm]	Velocity [m/s]				
		0,5	0,8	1,0	1,5	2,0
FPI12	400x400x12,5	290	435	580	870	1150
	400x500x12,5	360	540	720	1080	1440
	400x625x12,5	450	675	900	1350	1800
	500x500x12,5	450	675	900	1350	1800
	500x625x12,5	565	845	1125	1690	2250
FPI22	400x400x22	290	435	580	870	1150
	400x500x22	360	540	720	1080	1440
	400x625x22	450	675	900	1350	1800
	500x500x22	450	675	900	1350	1800
	500x625x22	565	845	1125	1690	2250
		Pressure drop [Pa]				
FPI12		12	17	23	30	40
FPI22		15	20	27	35	46

CODE EXAMPLE

Flat filter cell sizes 400x400, filtering class EU2 and filtering element thickness 22 mm:

FPI22 = FLAT FILTER CELL

22 = FILTER THICKNESS



FTR RIGID FILTER BAGS

OVERVIEW - TECHNICAL CHARACTERISTICS HIGH EFFICIENCY FILTERS

OVERVIEW : FTR series rigid filter bags are used for filtering fine dusts in air treatment units and for HVAC plants for buildings, hotels, laboratories, hospitals, call centers, data processing and computer centers. Often they are mounted for pre-filtering before absolute filters.

FILTER MEDIA : Filter media is made of fire retardant and water-repellent fiber glass with high efficiency, spacer in termowelded wires.

FRAME : manufactured from plastic material completely incinerable.

OPERATIVE TEMPERATURE : + 80 C.

HEIGHT FILTERING ELEMENT : 292 mm.

Filtering class - Em % on particels 0,4 µm

F6 EN 779	F7 EN 779	F8 EN 779
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CODE	Sizes [mm]	Air flow mc/h	Area in m ²		
			Efficienza 65%	Efficienza 85%	Efficienza 95%
FT n R	288x593x292	2250	8,00	9,00	9,00
	491x593x292	4100	14,00	15,00	15,00
	593x593x292	5000	17,00	19,00	19,00

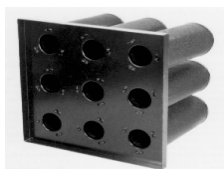
	Pressure drop [Pa]		
	Efficiency 65%	Efficiency 85%	Efficiency 95%
Initial Δp	135	140	160
Final Δp	600	600	600
Maximum Δp	1000	1000	1000
Temp. Max	80	80	80
Relat. humidity	100%	100%	100%

CODE EXAMPLE

Filter bags, efficiency 65%, filtering class F6 EN 779 and sizes 287x592x292 :

FT = FILTER BAGS; 65 = EFFICIENCY 65%.

R= RIGID BAGS; 288 x 593 x 292 = FILTER SIZES.



FC ADSORBER FILTER WITH ACTIVATED CHARCOAL

OVERVIEW - TECHNICAL CHARACTERISTICS MEDIUM EFFICENCY FILTERS

OVERVIEW : The adsorber filter FC series with activated charcoal cartridge is used for filtering and adsorbing of gaseous substances and air deodorising. or in case of pollution gas to diminish their concentrations to acceptable levels.

ADSORBING MATERIAL : Activated charcoal in scales.

CARTRIDGE : Black painted of galvanized steel.

OPERATIVE TEMPERATURE : + 50 °C.

HEIGHT FILTERING ELEMENT: 400 mm.

Filtering class	EU 2 EN779 (G2)
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Code	Description	Sizes(mm)	Air Flow [mc/h]	Diameter [mm]	Charcoal weight [Kg]	Pressure drop [Pa]
FC-6130	Filterholder plate, 5 cart.	305x610x430	1500	160	16	150
FC-6161	Filterholder plate, 9 cart.	610x610x430	3000	160	28	150
FC 16	Charcoal cartridge	Ø 160 x L 400				

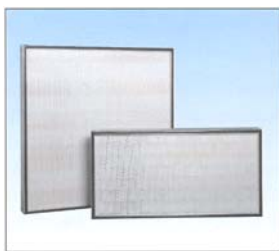
CODE EXAMPLE

Plate sizes 305 x 610 x 400 with 8 cartridges diameter 160 :

FC2 = COMPLETE PLATE WITH CHARCOAL CARTRIDGES

Cartridges as spare parts

FC16 = ONLY CHARCOAL CARTRIDGE DIAMETER 160 mm



FA LAMINATE ABSOLUTE FILTER

OVERVIEW - TECHNICAL CHARACTERISTICS ABSOLUTE FILTERS

OVERVIEW : Absolute filters used in hospitals, pharmaceutical laboratories and food industry.

FRAME : extruded anodized aluminium

FILTER MEDIA : Filter media is made of fire retardant and water-repellent fiber glass

PROTECTION GUARD : steel painted on two sides

SEPARATORS : heat-sealed wire

GASKET : polyurethane in a single piece

SEALING : bi-component polyurethane

MAXIMUM TEMPERATURE : + 80 °C

RELATIVE HUMIDITY : 100 %

HIGH OF THE FILTERING ELEMENT : 68 mm

FEATURES				FILTERING CLASSES			
Code	Sizes	Qnom (m ³ /h)	Area (m ²)	H10	H13	H14	U15
FA-7L-10???	305 x 305 x 68	150	2,7	X	X	X	X
FA-7L-11???	305 x 610 x 68	300	5,5	X	X	X	X
FA-7L-20???	457 x 305 x 68	225	4,1	X	X	X	X
FA-7L-21???	457 x 457 x 68	335	6,2	X	X	X	X
FA-7L-22???	457 x 610 x 68	450	8,2	X	X	X	X
FA-7L-30???	545 x 545 x 68	500	9,5	X	X	X	X
FA-7L-31???	545 x 1155 x 68	1000	19,0	X	X	X	X
FA-7L-40???	610 x 610 x 68	600	11,0	X	X	X	X
FA-7L-41???	610 x 915 x 68	900	16,5	X	X	X	X
FA-7L-42???	610 x 1219 x 68	1200	22,0	X	X	X	X
FA-7L-43???	610 x 1524 x 68	1500	27,5	X	X	X	X
FA-7L-44???	610 x 1829 x 68	1800	33,0	X	X	X	X
FA-7L-50???	762 x 305 x 68	375	6,9	X	X	X	X
FA-7L-51???	762 x 610 x 68	750	13,7	X	X	X	X
FA-7L-52???	762 x 762 x 68	950	17,1	X	X	X	X
FA-7L-53???	762 x 914 x 68	1125	20,6	X	X	X	X
FA-7L-54???	762 x 1219 x 68	1500	27,5	X	X	X	X
FA-7L-55???	762 x 1524 x 68	1875	34,4	X	X	X	X
FA-7L-56???	762 x 1829 x 68	2250	41,2	X	X	X	X
FA-7L-60???	914 x 305 x 68	450	8,2	X	X	X	X
FA-7L-61???	914 x 914 x 68	1350	24,8	X	X	X	X
FA-7L-62???	914 x 1219 x 68	1800	33,0	X	X	X	X
FA-7L-63???	914 x 1524 x 68	2250	41,3	X	X	X	X
FA-7L-64???	914 x 1829 x 68	2700	49,5	X	X	X	X

Performances

Filtering class sec. EN 1822	H10	H13	H14	U15
Efficiency % on 0,3 m DOP sec. EUROVENT 4/4	> 95 %	> 99,99 %	> 99,999 %	> 99,9999 %
Initial pressure drop with 0,45 m/s (Pa)	65	110	120	140
Final pressure drop (Pa)	600	600	600	600
Maximum pressure drop (Pa)	1000	1000	1000	1000

FA Absolute filter

7L Thickness 68 mm, type laminate
nn??? Dimension and filtering classe

Example : FA-7L-53H13 Laminated absolute filter with
thickness 68 mm, dimensions 762x914 with filtering classe H13





FTF NONRIGID BAGS FILTER

OVERVIEW - TECHNICAL CHARACTERISTICS HIGH EFFICIENCY FILTERS

OVERVIEW : FTF series nonrigid bags filter are used for filtering fine dusts in air treatment units and for HVAC plants for buildings, hotels, laboratories, hospitals, call centers, data processing and computer centers. Often they are mounted for pre-filtering before absolute filters

FILTER MEDIA : made of high efficiency polyester fiber.

FRAME : made of galvanized steel .

OPERATIVE TEMPERATURE : +100 °C.

HEIGHT FILTERING ELEMENT: 380 - 535 - 636 - 737 mm.

Filtering class - Em % on particels 0,4 µm	F6 EN 779	F7 EN 779	> F8 EN 779
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Code	Sizes [mm]	Series 8		Series 1		Efficiency 60<80%		Efficiency 80 < 90%		Efficiency 90<95%	
		Air flow rate mc/h	N° of bags	Air flow rate mc/h	N° of bags	Series 8	Series 1	Series 8	Series 1	Series 8	Series 1
FT n F	B x H x L										
	287x592x380	1400	4	1700	5	X	X	X	X	X	X
	287x592x535	1400	4	1700	5	X	X	X	X	X	X
	287x592x635	1400	4	1700	5	X	X	X	X	X	X
	287x592x735	1700	4	2150	5	X	X	X	X	X	X
	490x592x380	2100	6	2550	8	X	X	X	X	X	X
	490x592x535	2100	6	2550	8	X	X	X	X	X	X
	490x592x635	2100	6	2550	8	X	X	X	X	X	X
	490x592x735	2550	6	3200	8	X	X	X	X	X	X
	592x592x380	2800	8	3400	10	X	X	X	X	X	X
	592x592x535	2800	8	3400	10	X	X	X	X	X	X
	592x592x635	2800	8	3400	10	X	X	X	X	X	X
592x592x735	3400	8	4250	10	X	X	X	X	X	X	

	Pressure drop (Pa)					
	Efficiency 60%		Efficiency 85%		Efficiency 95%	
	Series 8	Series 1	Series 8	Series 1	Series 8	Series 1
Initial Δp	55		100		140	
Final Δp	450		450		450	
Temp. Max	100		100		100	

Other frame sizes available on request : 592x287 - 287x892 - 490x892 - 592x892

CODE EXAMPLE

Nonrigid filter bags, series 8, efficiency 60%, filtering class F6 EN 779 sizes 592x592x535 :

FT = BAGS FILTER. 8 = IDENTIFY THE AIR FLOW RATE IN MC/H. 65 = EFFICIENCY 65%.
F = NONRIGID BAGS. 592 x 592 x 535 = FILTER SIZES.

