



PLENUM WITH ABSOLUTE FILTER HOLDER FOR SUPPLY GRILLES

PP30
SERIES

TECHNICAL CHARACTERISTICS

OVERVIEW :

The PP 30F (rear connection) and PP 31F (lateral 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 or stainless steel; 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.

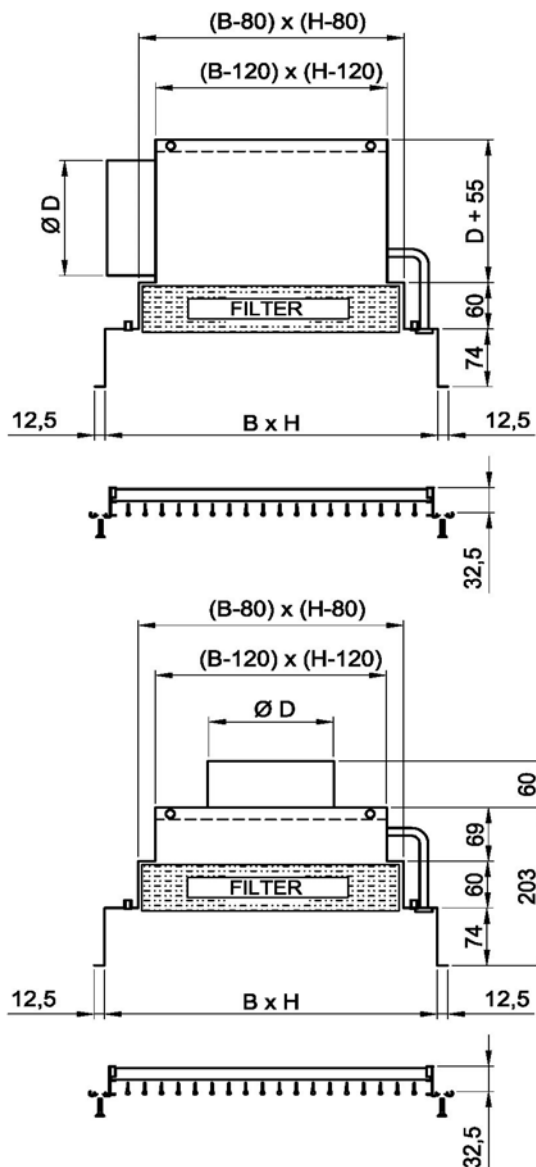
Supply grille: double deflection blades individually adjustable, in anodized extruded aluminium. On request this can be supplied in a RAL colour chosen from the customer.

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.



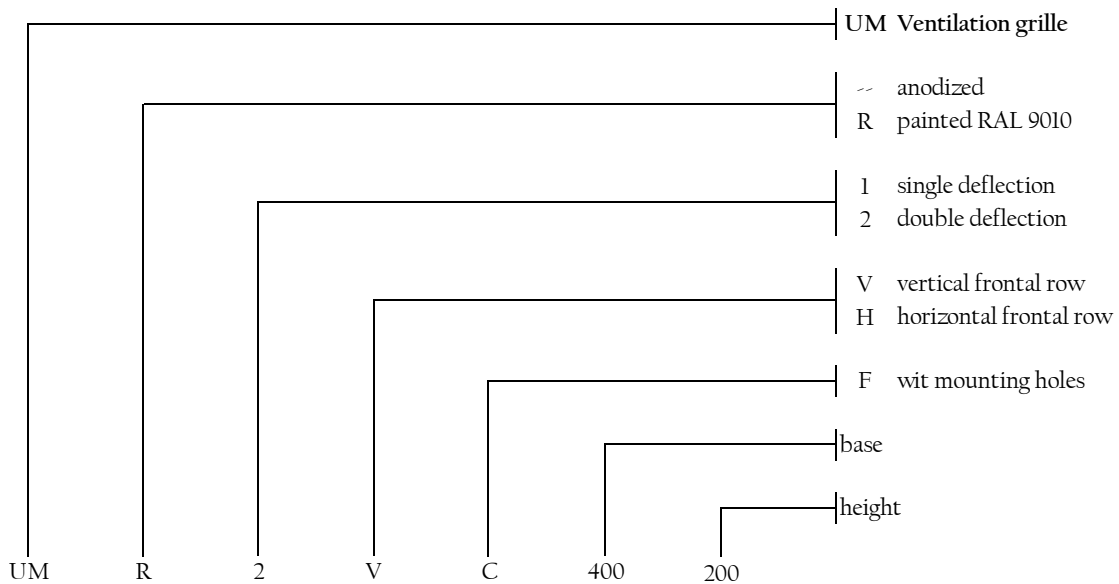
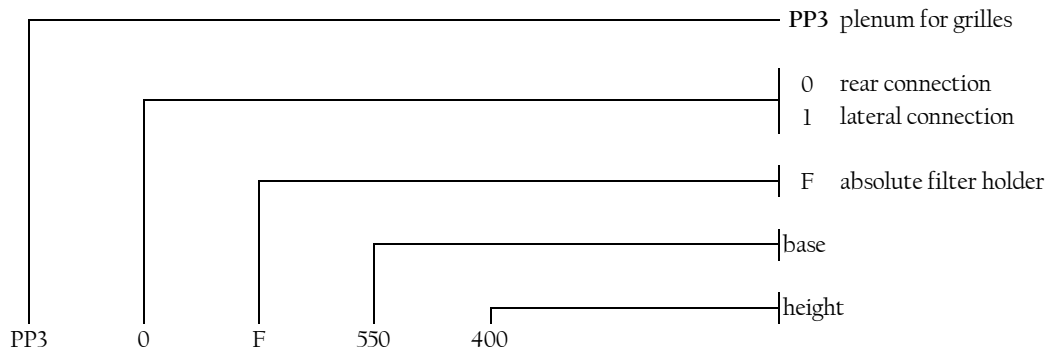
PLENUM SIZE BxH (mm)	GRILLE SIZE (mm)	CONNECTOR DIAMETER Ø D (mm)	FILTER SIZE (mm)
395x395	400x400	160	305x305x68
545x395	550x400	200	457x305x68
700x395	700x400	200	610x305x68
700x700	700x700	250	610x610x68
850x700	850x700	300	762x610x68
850x850	850x850	300	762x762x68
1000x700	1000x700	300	915x610x68
1308x698	1310x700	2x250	1220x610x68



PLENUM WITH ABSOLUTE FILTER HOLDER FOR SUPPLY GRILLES

PP30
SERIES

HOW TO ORDER



EXAMPLE

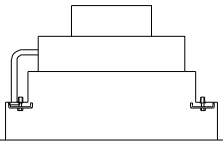
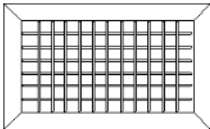

PP30F550400 Plenum with absolute filter holder lateral connection 550x400
 UM2VF550400 Ventilation grille double deflection vertical/horizontal 550x400
 FA-7L-20H14 Absolute filter H14 457x305

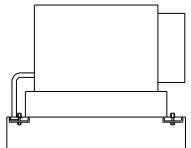
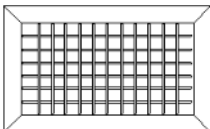



PLENUM WITH ABSOLUTE FILTER HOLDER FOR SUPPLY GRILLES

PP30
SERIES

HOW TO ORDER

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-11.....
700x700	PP30F 700700	UM2VF700700	FA-7L-40.....
850x700	PP30F 850700	UM2VF850700	FA-7L-51.....
850x850	PP30F 850850	UM2VF850850	FA-7L-52.....
1000x700	PP30F 1000700	UM2VF1000700	FA-7L-41.....
1308x698	PP30F 1300700	UM2VF1300700	FA-7L-42.....

Plenum nominal dimensions			
B x H	Absolute filter plenum with lateral 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-11.....
700x700	PP31F 700700	UM2VF700700	FA-7L-40.....
850x700	PP31F 850700	UM2VF850700	FA-7L-51.....
850x850	PP31F 850850	UM2VF850850	FA-7L-52.....
1000x700	PP31F 1000700	UM2VF1000700	FA-7L-41.....
1308x698	PP31F 1300700	UM2VF1300700	FA-7L-42.....





ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

SERIE
FY

OVERVIEW TECHNICAL CHARACTERISTICS

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 or stainless steel. 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 or stainless steel (KF) - in extruded anodised aluminium, with 4 outlets (N4) - in steel, painted RAL 9010 or stainless steel 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



FA Filter with gasket



Fixing filter brands



damper with external regulation



pressure tap

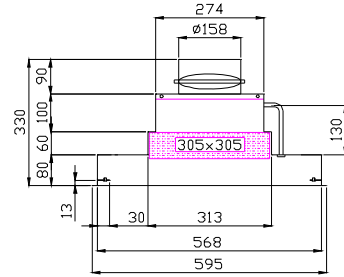
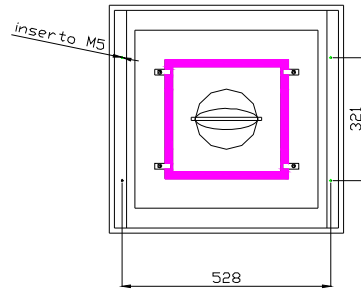
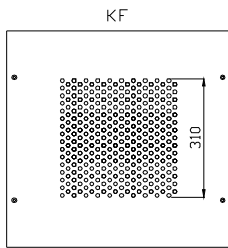
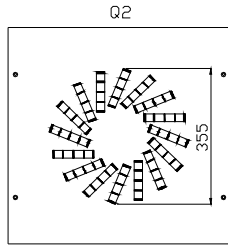
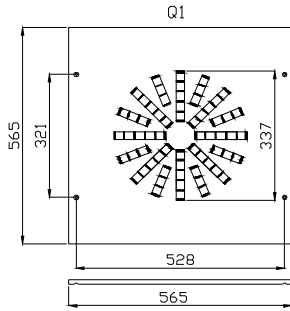


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

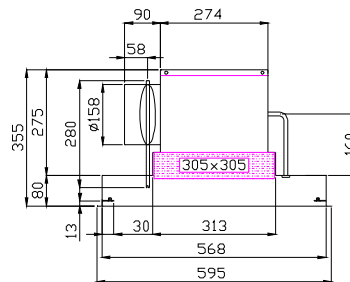
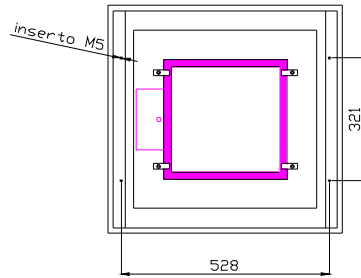
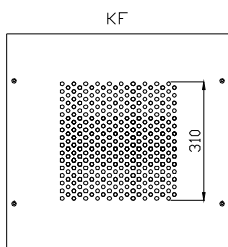
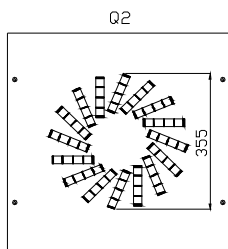
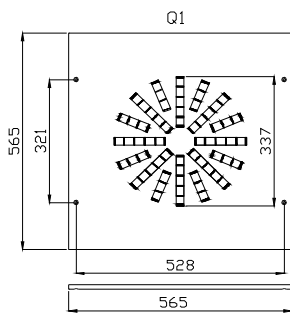
FY SERIES

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



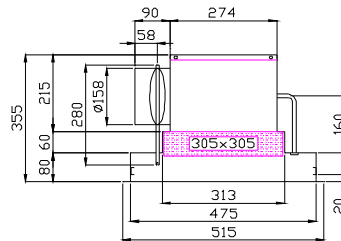
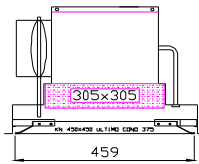
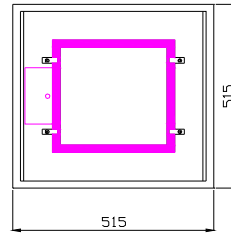
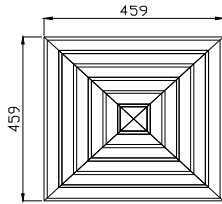


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

FY
SERIES

CONSTRUCTION

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



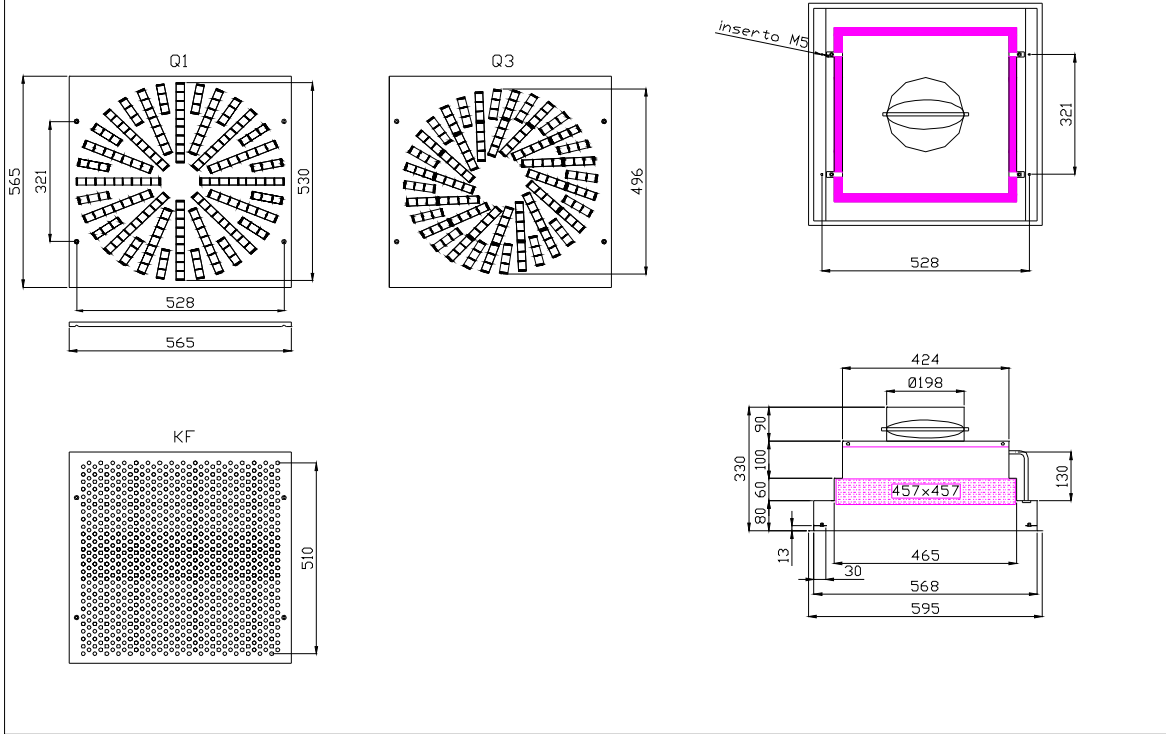


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

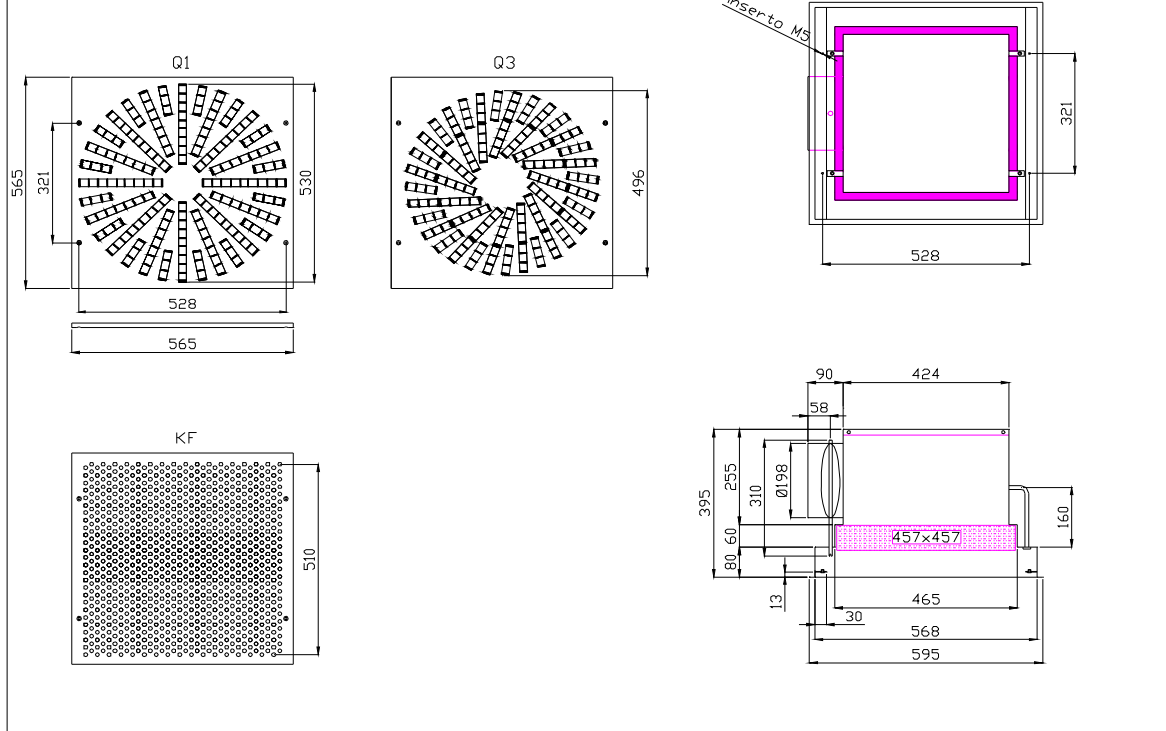
FY
SERIES

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



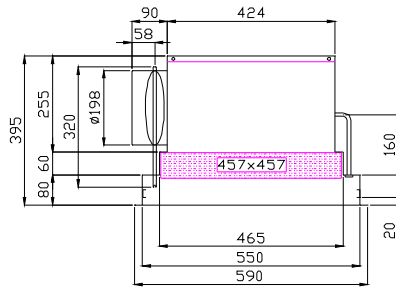
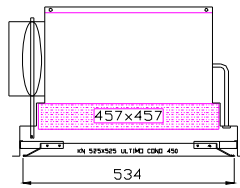
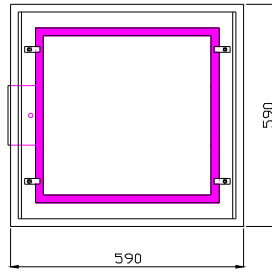
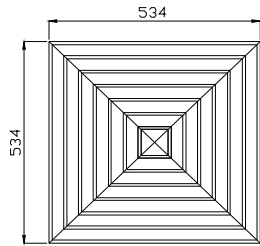


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

FY
SERIES

CONSTRUCTION

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



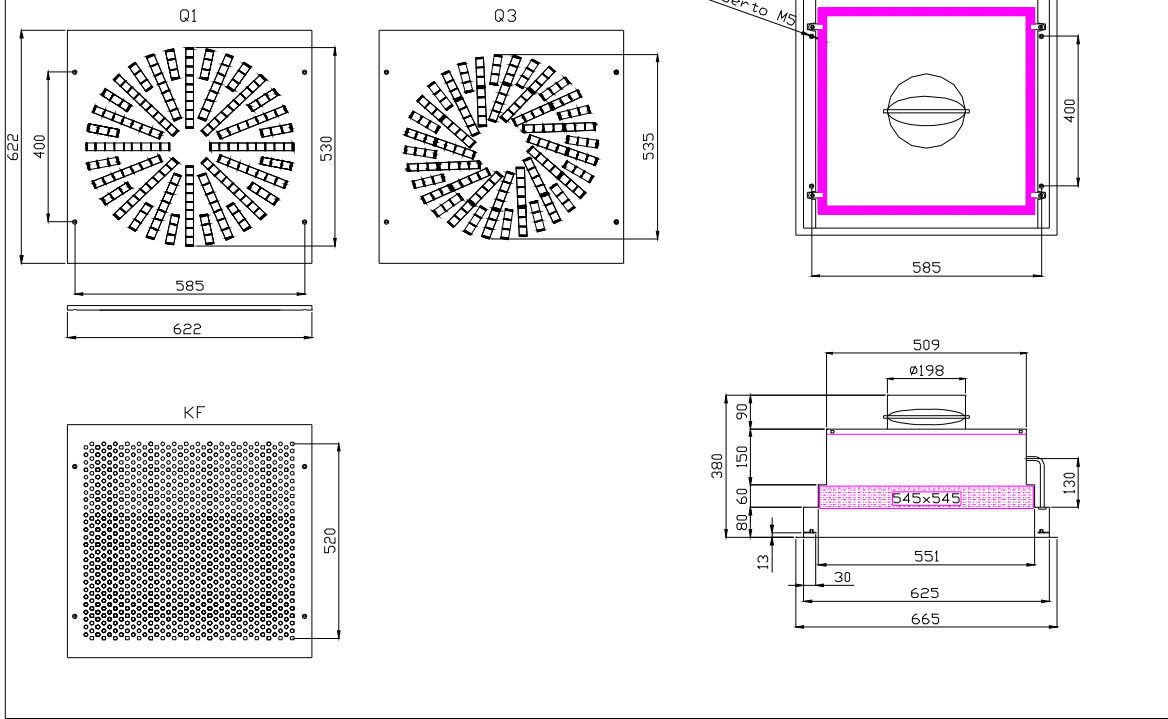


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

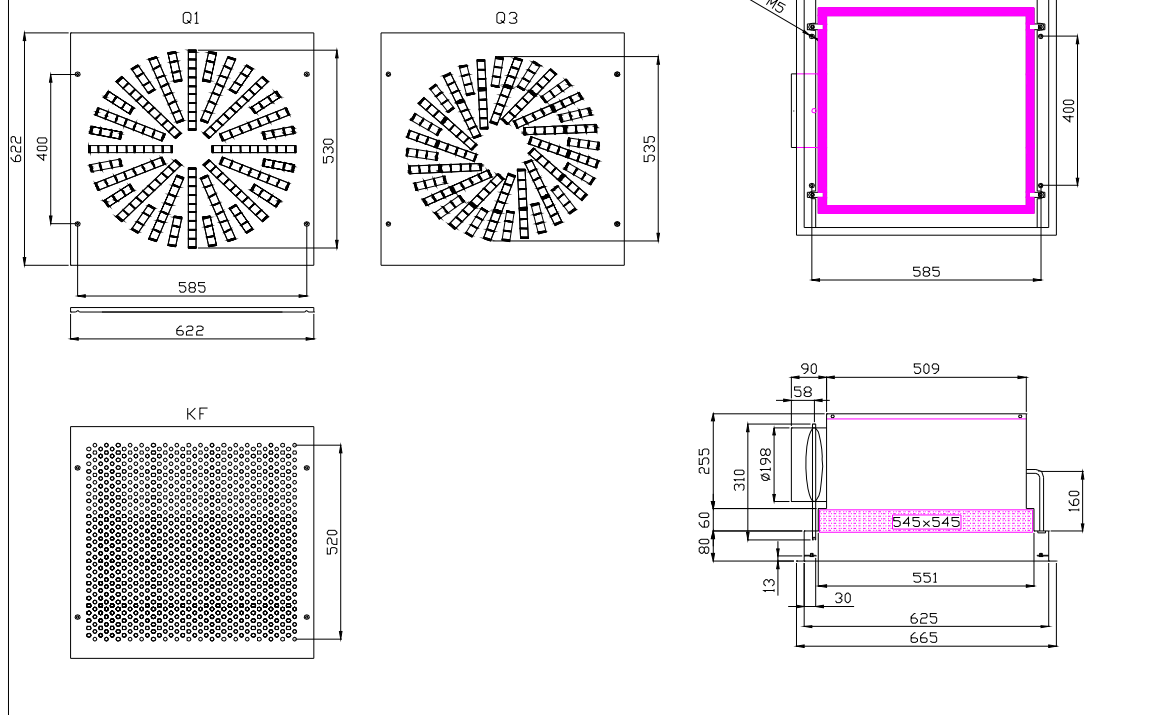
FY SERIES

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



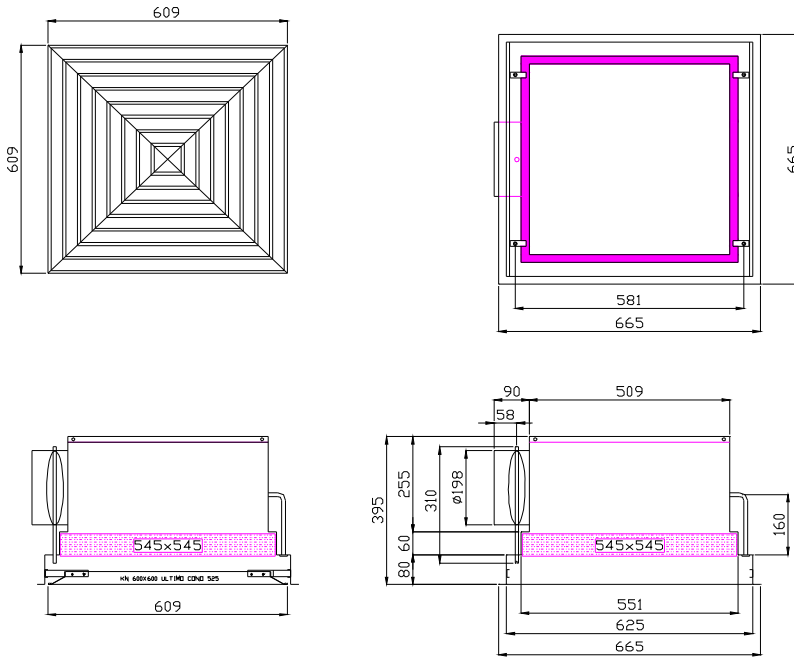


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

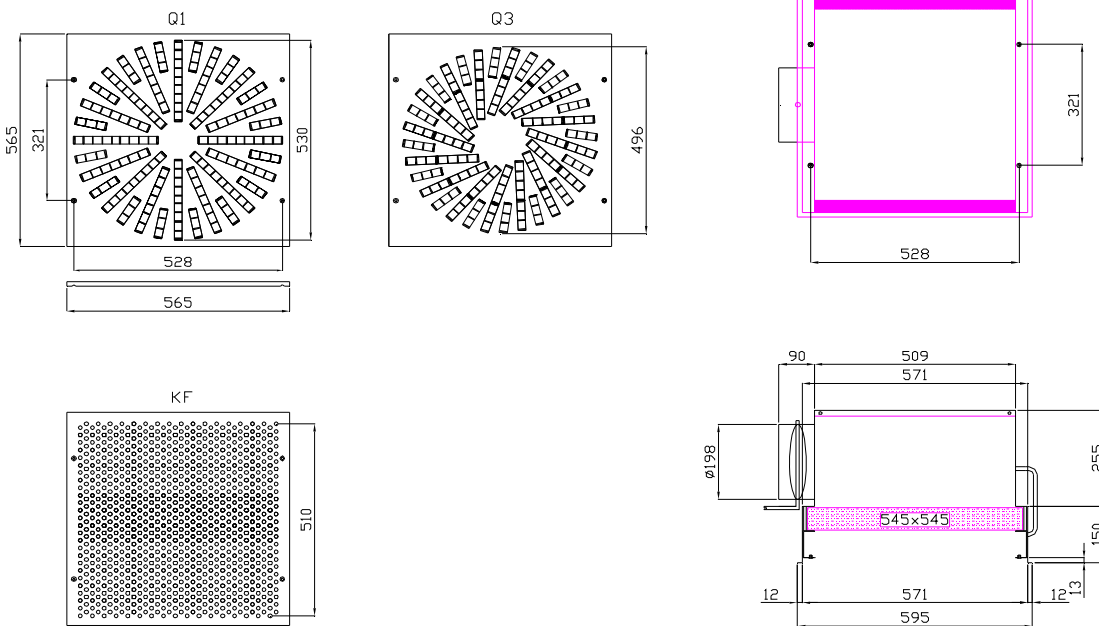
FY
SERIES

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



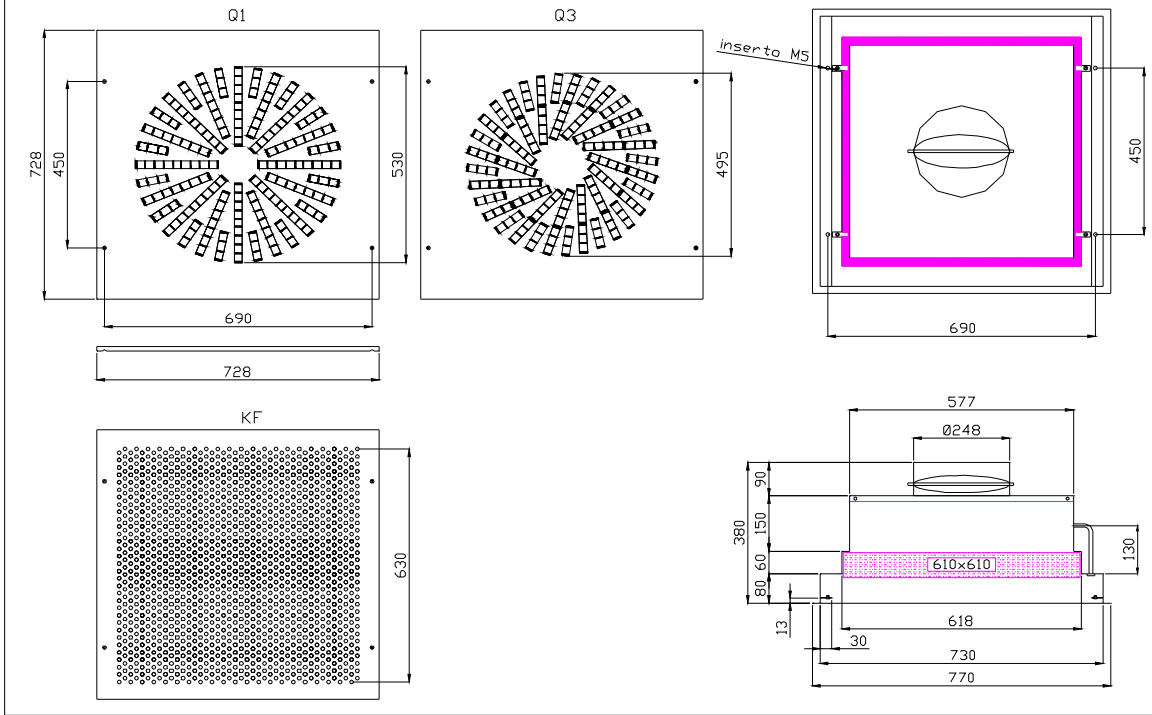


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

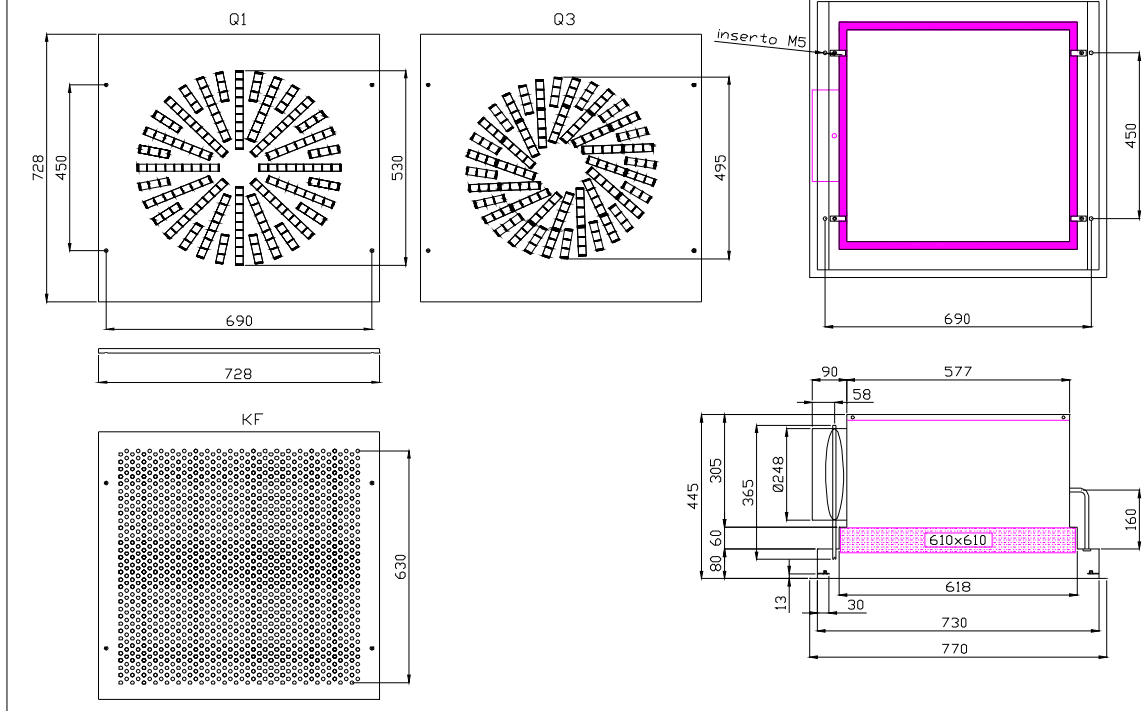
FY
SERIES

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



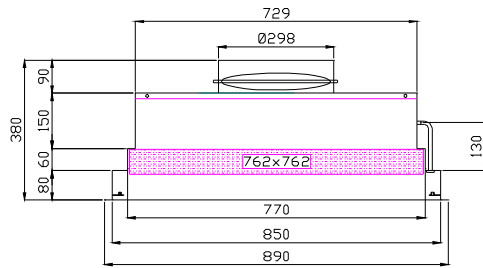
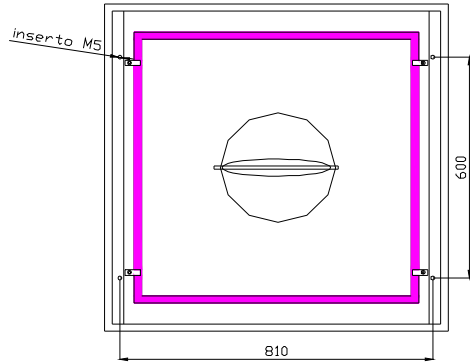
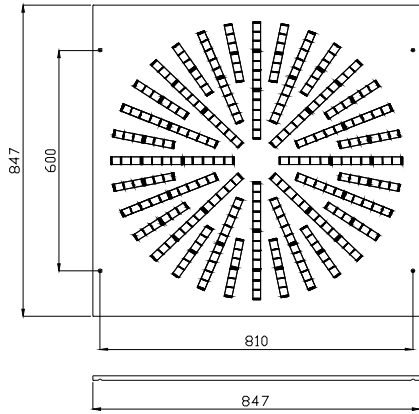


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

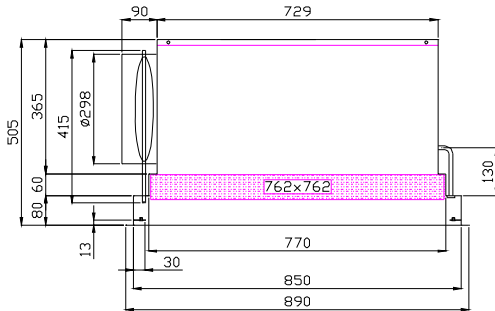
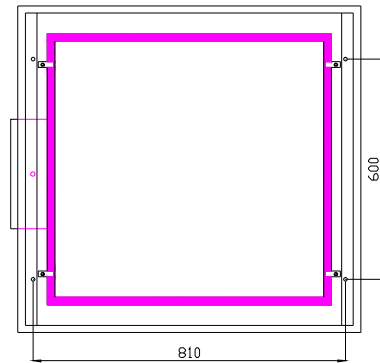
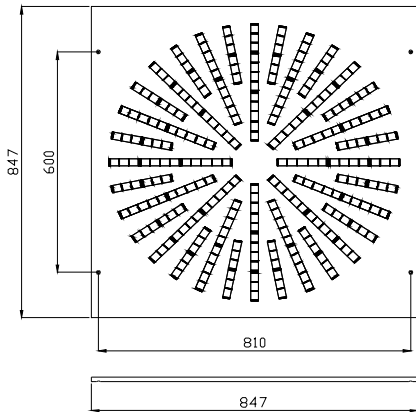
FY SERIES

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

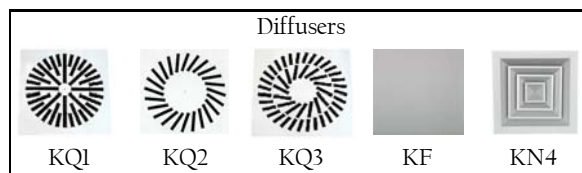
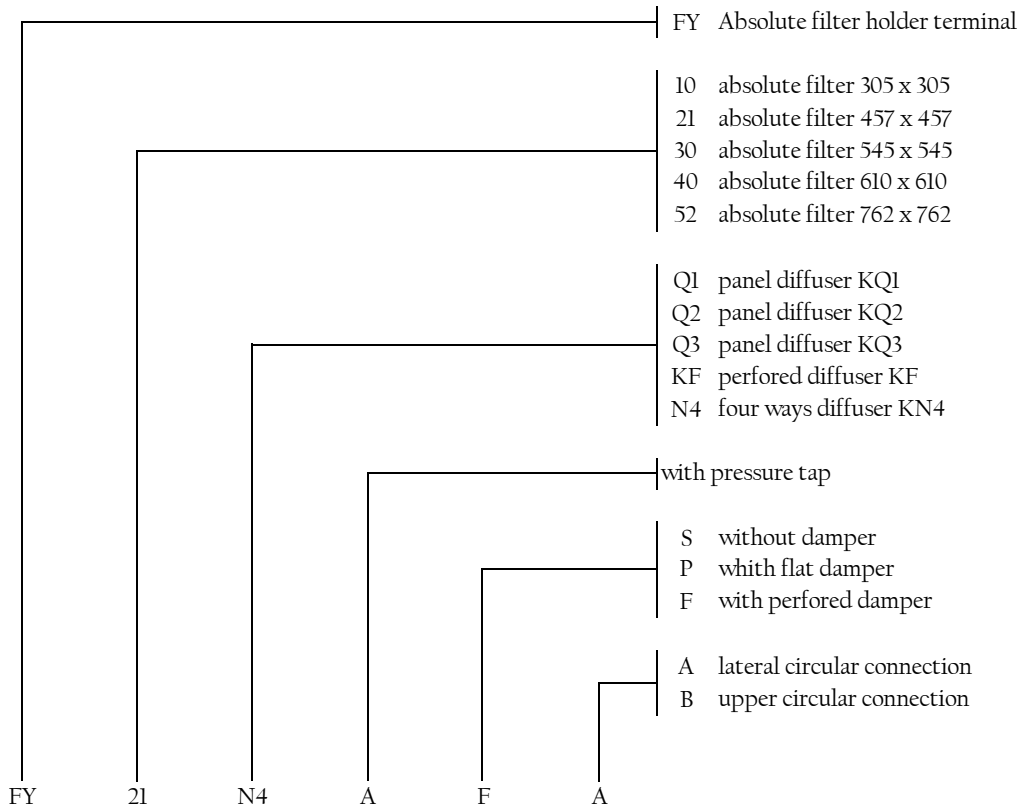


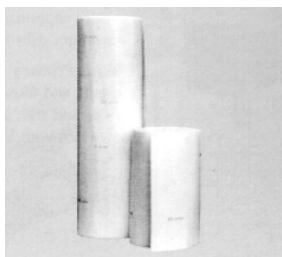


ABSOLUTE FILTER HOLDER TERMINAL DIFFUSERS

FY
SERIES

HOW TO ORDER





FILTER MEDIA

FR SERIES

OVERVIEW - TECHNICAL CHARACTERISTICS MEDIUM EFFICENCY FILTERS

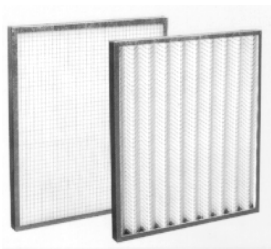
OVERVIEW : FR series filter media are made of fiber glass. They are used for spray booth, paint field application and pre-filtration of rough dusts. Furthermore FR filter media is suitable for application on filter-holder extract grilles.

Dato	FR10	FR15	FR20
Thickness [mm]	10	15	20
Weight/m ² [g/m ²]	100	150	200
Composition	100% polyester fiber	100% polyester fiber	100% polyester fiber
Treatment	Thermowelded	Thermowelded	Thermowelded
Reaction to fire DIN 53438	F1	F1	F1
Filter classification EN 779	G2	G3	G4
Eurovent class	EU2	EU3	EU4
Average arrestance [%]	78	86,5	90,1
Dust holding capacity [g/m ²]	320	440	494
Initial pressure drop at 1,5m/s [Pa]	11	15	19
Final pressure drop at 1,5m/s [Pa] (*)	250	250	250
Max pressure drop at 1,5m/s [Pa] (**)	300	300	300
Maximum operating temperature [°C] (***)	80	80	80
Roll height [m]	2	2	2
Roll length [m]	20	20	20
Roll diameter [m]	0,42	0,51	0,58

(*) Value at which it is suggested to replace the filter

(**) Value at which it is necessary to replace the filter

(***) Maximum temperature for maintaining dimensional stability



FLAT FILTERING CELLS

FP
SERIES

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..

Filter classification - Average arrestange G3-EU3 - 89%

Standard sizes		Velocity of the air m/s				
Code	Sizes [mm]	0,5	1,0	1,5	2,0	2,5
Air Flow in mc/h						
FP22592287	287 x 592 x 22	310	615	920	1225	1530
FP22400400	400 x 400 x 22	290	580	870	1150	1440
FP22500400	400 x 500 x 22	360	720	1080	1440	1800
FP22625400	400 x 625 x 22	450	900	1350	1800	2250
FP22500500	500 x 500 x 22	450	900	1350	1800	2250
FP22625500	500 x 625 x 22	565	1125	1690	2250	2815
FP22592592	592 x 592 x 22	635	1265	1895	2525	3155
FP48592287	287 x 592 x 48	310	615	920	1225	1530
FP48400400	400 x 400 x 48	290	580	870	1150	1440
FP48500400	400 x 500 x 48	360	720	1080	1440	1800
FP48625400	400 x 625 x 48	450	900	1350	1800	2250
FP48500500	500 x 500 x 48	450	900	1350	1800	2250
FP48625500	500 x 625 x 48	565	1125	1690	2250	2815
FP48592592	592 x 592 x 48	635	1265	1895	2525	3155

	Velocity of the air m/s				
	0,5	1,0	1,5	2,0	2,5
	Pressure drop (Pa)				
FP22	20	25	38	49	60
FP48	30	35	49	60	73

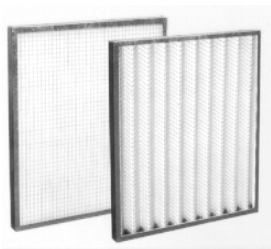
CODE EXAMPLE

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



PLEATED FILTERING CELL

FO
SERIES

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.

THICKNESS FILTERING ELEMENT : 48 - 98 mm.

Filter classification - Average arrestange	G4-EU4 - 91%
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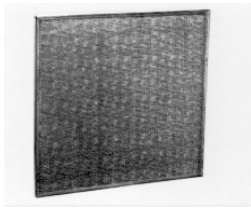
Standard sizes		Velocity of the air m/s				
Code	Sizes [mm]	0,5	1,0	1,5	2,0	2,5
FO48592287	287 x 592 x 48	310	615	920	1225	1530
FO48400400	400 x 400 x 48	290	580	865	1155	1440
FO48500400	400 x 500 x 48	360	720	1080	1440	1800
FO48592400	400 x 592 x 48	430	855	1280	1705	2135
FO48625400	400 x 625 x 48	450	900	1350	1800	2250
FO48592490	490 x 592 x 48	525	1045	1570	2090	2615
FO48500500	500 x 500 x 48	450	900	1350	1800	2250
FO48625500	500 x 625 x 48	565	1125	1690	2250	2815
FO48592592	592 x 592 x 48	635	1265	1895	2525	3155
FO98592287	287 x 592 x 98	310	615	920	1225	1530
FO98400400	400 x 400 x 98	290	580	865	1155	1440
FO98500400	400 x 500 x 98	360	720	1080	1440	1800
FO98625400	400 x 625 x 98	450	900	1350	1800	2250
FO98500500	500 x 500 x 98	450	900	1350	1800	2250
FO98625500	500 x 625 x 98	565	1125	1690	2250	2815
FO98592592	592 x 592 x 98	635	1265	1895	2525	3155

	Velocity of the air m/s				
	0,5	1,0	1,5	2,0	2,5
	Pressure drop (Pa)				
FO48	4	14	31	55	85
FO98	3	12	26	45	70

CODE EXAMPLE

For a pleated filter of size 592x592 in class G4 and thickness of the filter element of 48 mm:

FO = PLEATED FILTER
48 = FILTER THICKNESS
592 x 592 = SIZE FRAME



STAINLESS STEEL FLAT FILTER

FPI
SERIES

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.

Filter classification	G2-EU2
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Standard sizes		Velocity of the air m/s				
Code	Sizes [mm]	0,5	0,8	1,0	1,5	2,0
FPI12400400	400x400x12,5	290	435	580	870	1150
FPI12400500	400x500x12,5	360	540	720	1080	1440
FPI12400625	400x625x12,5	450	675	900	1350	1800
FPI12500500	500x500x12,5	450	675	900	1350	1800
FPI12500625	500x625x12,5	565	845	1125	1690	2250
FPI22400400	400x400x22	290	435	580	870	1150
FPI22400500	400x500x22	360	540	720	1080	1440
FPI22400625	400x625x22	450	675	900	1350	1800
FPI22500500	500x500x22	450	675	900	1350	1800
FPI22500625	500x625x22	565	845	1125	1690	2250

	Velocity of the air m/s				
	0,5	0,8	1,0	1,5	2,0
	Pressure drop (Pa)				
FPI12	4	14	31	55	85
FPI22	3	12	26	45	70



RIGID FILTER BAGS

FTR SERIES

OVERVIEW - TECHNICAL CHARACTERISTICS HIGH EFFICIENCY FILTERS

The FTR Series units are hard pocket filters. They are used for micro dusts filtering in the air-treatment installations for dwelling houses, general laboratories, hospitals, telephone and data processing stations. They also are used as absolute filters prefilterings.

Filtration class from F6 to F9
Constructins with two, three or four bags
Air flow from 1700m³/h to 4250 m³/h
Material folded glass fiber paper
Containment frame of plastic material
Separator wire thermoplastic
Sealing Polyurethane
Max temperature +70 ° C

FTR FILTERS WITH FOUR BAGS

Model	Class	Dimensions [mm]	Air flow [m ³ /h]	Surface [m ²]	Pressure drop initial and final ΔP [Pa]	Efficiency %
FTR6-09-592829	M6	592x287x287	1700	9,3	[60 - 450]	60% ≤ Em < 80%
FTR6-14-594929	M6	592x490x287	2700	14,5	[60 - 450]	60% ≤ Em < 80%
FTR6-18-595929	M6	592x592x287	3400	18,5	[60 - 450]	60% ≤ Em < 80%
FTR7-09-592829	F7	592x287x287	1700	9,3	[70 - 450]	80% ≤ Em < 90%
FTR7-14-594929	F7	592x490x287	2700	14,5	[70 - 450]	80% ≤ Em < 90%
FTR7-18-595929	F7	592x592x287	3400	18,5	[70 - 450]	80% ≤ Em < 90%
FTR8-09-592829	F8	592x287x287	1700	9,3	[80 - 450]	90% ≤ Em < 95%
FTR8-14-594929	F8	592x490x287	2700	14,5	[80 - 450]	90% ≤ Em < 95%
FTR8-18-595929	F8	592x592x287	3400	18,5	[80 - 450]	90% ≤ Em < 95%
FTR9-09-592829	F9	592x287x287	1700	9,3	[105 - 450]	Em ≥ 95%
FTR9-14-594929	F9	592x490x287	2700	14,5	[105 - 450]	Em ≥ 95%
FTR9-18-595929	F9	592x592x287	3400	18,5	[105 - 450]	Em ≥ 95%

FTRE FILTERS WITH THREE BAGS

Model	Class	Dimensions [mm]	Air flow [m ³ /h]	Surface [m ²]	Pressure drop initial and final ΔP [Pa]	Efficiency %
FTRE6-07-592829	M6	592x287x287	1700	7,0	[60 - 450]	60% ≤ Em < 80%
FTRE6-11-594929	M6	592x490x287	2700	11,0	[60 - 450]	60% ≤ Em < 80%
FTRE6-14-595929	M6	592x592x287	3400	14,0	[60 - 450]	60% ≤ Em < 80%
FTRE7-07-592829	F7	592x287x287	1700	7,0	[80 - 450]	80% ≤ Em < 90%
FTRE7-11-594929	F7	592x490x287	2700	11,0	[80 - 450]	80% ≤ Em < 90%
FTRE7-14-595929	F7	592x592x287	3400	14,0	[80 - 450]	80% ≤ Em < 90%
FTRE8-07-592829	F8	592x287x287	1700	7,0	[90 - 450]	90% ≤ Em < 95%
FTRE8-11-594929	F8	592x490x287	2700	11,0	[90 - 450]	90% ≤ Em < 95%
FTRE8-14-595929	F8	592x592x287	3400	14,0	[90 - 450]	90% ≤ Em < 95%
FTRE9-07-592829	F9	592x287x287	1700	7,0	[110 - 450]	Em ≥ 95%
FTRE9-11-594929	F9	592x490x287	2700	11,0	[110 - 450]	Em ≥ 95%
FTRE9-14-595929	F9	592x592x287	3400	14,0	[110 - 450]	Em ≥ 95%



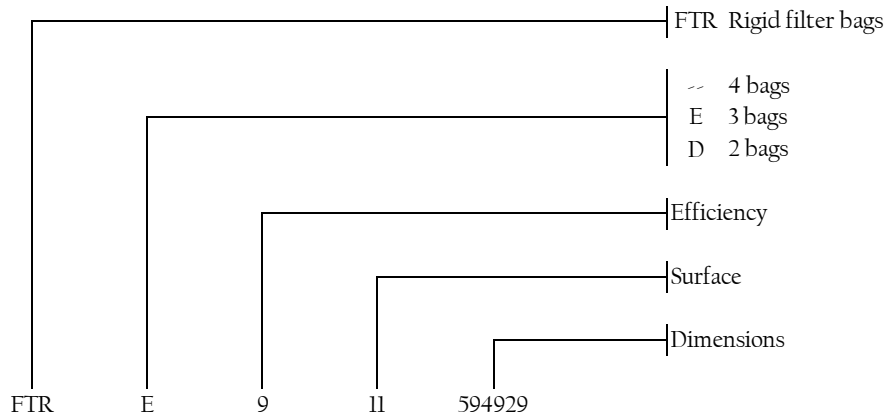
RIGID FILTER BAGS

FTR
SERIES

OVERVIEW - TECHNICAL CHARACTERISTICS HIGH EFFICIENCY FILTERS

FTRD FILTERS WITH TWOBAGS

Model	Class	Dimensions [mm]	Air flow [m ³ /h]	Surface [m ²]	Pressure drop initial and final ΔP [Pa]	Efficiency %
FTRD6-04-592827	M6	592x287x287	1300	4,8	[60 - 450]	60% ≤ Em < 80%
FTRD6-07-594927	M6	592x490x287	2000	7,5	[60 - 450]	60% ≤ Em < 80%
FTRD6-09-595927	M6	592x592x287	2550	9,5	[60 - 450]	60% ≤ Em < 80%
FTRD7-04-592827	F7	592x287x287	1300	4,8	[70 - 450]	80% ≤ Em < 90%
FTRD7-07-594927	F7	592x490x287	2000	7,5	[70 - 450]	80% ≤ Em < 90%
FTRD7-09-595927	F7	592x592x287	2550	9,5	[70 - 450]	80% ≤ Em < 90%
FTRD8-04-592827	F8	592x287x287	1300	4,8	[100 - 450]	90% ≤ Em < 95%
FTRD8-07-594927	F8	592x490x287	2000	7,5	[100 - 450]	90% ≤ Em < 95%
FTRD8-09-595927	F8	592x592x287	2550	9,5	[100 - 450]	90% ≤ Em < 95%
FTRD9-04-592827	F9	592x287x287	1300	4,8	[130 - 450]	Em ≥ 95%
FTRD9-07-594927	F9	592x490x287	2000	7,5	[130 - 450]	Em ≥ 95%
FTRD9-09-595927	F9	592x592x287	2550	9,5	[130 - 450]	Em ≥ 95%





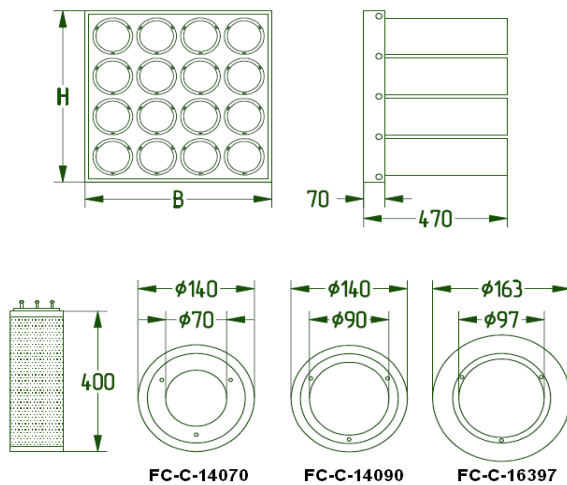
ADSORBER FILTER WITH ACTIVATED CHARCOAL

**FC
SERIES**

OVERVIEW - TECHNICAL CHARACTERISTICS MEDIUM EFFICENCY FILTERS

The units of the FC series are activated carbon filters. Are used in the filtration for retaining in the gas phase odorants in order to lower their concentration below the sensitivity threshold of smell, or, in the case of pollutant gases, to reduce their concentration to values normally permitted.

Material activated carbon microspheres
 Cartridges and steel micro-net
 Height 400 mm filter element
 Standard dimensions 305x610 mm and 610x610 mm
 Max temperature +50 °C
 Maximum relative humidity 70%
 Standard coal by filtration organic substances volatile organic solvents
 On request:
 coal by filtration acid vapors
 coal by filtration radioidi
 charcoal filtration ammonia
 charcoal filtered formaldehyde
 coal by filtration nitrogen oxide
 acid vapors and carbon filtration for volatile organic solvents
 alumina balls for removing H₂S SO₂ NO_x and hydrocarbons ethylene kerosene



DIMENSIONS		
MODEL	BxHxP [mm]	Peso [Kg]
FC-A-6130-6	305x610x470	23
FC-A-6130-8	305x610x470	29
FC-A-6161-12	610x610x470	45
FC-A-6161-16	610x610x470	58
FC-E-6130-6	305x610x470	21
FC-E-6130-8	305x610x470	27
FC-E-6161-12	610x610x470	42
FC-E-6161-16	610x610x470	53
FC-G-6161-5	305x610x470	25
FC-G-6161-9	610x610x470	45

SELECTION

MODEL	Number of cartridges	Air flow [m ³ /h]	pressure drop [Pa]	Thickness of carbon for cartridge [mm]	Total volume activated carbon [dm ³]
FC-A-6130-6	6	1000-1250	200-280	35	27
FC-A-6130-8	8	1250-1500	200-280	35	36
FC-A-6161-12	12	2000-2500	200-280	35	54
FC-A-6161-16	16	2500-3000	200-280	35	72
FC-E-6130-6	6	1250-1500	200-280	25	21
FC-E-6130-8	8	1500-1850	200-280	25	28
FC-E-6161-12	12	2500-3000	200-280	25	42
FC-E-6161-16	16	3000-3700	200-280	25	56
FC-G-6161-5	5	1250-1500	200-280	33	27
FC-G-6161-9	9	2500-3000	200-280	33	49

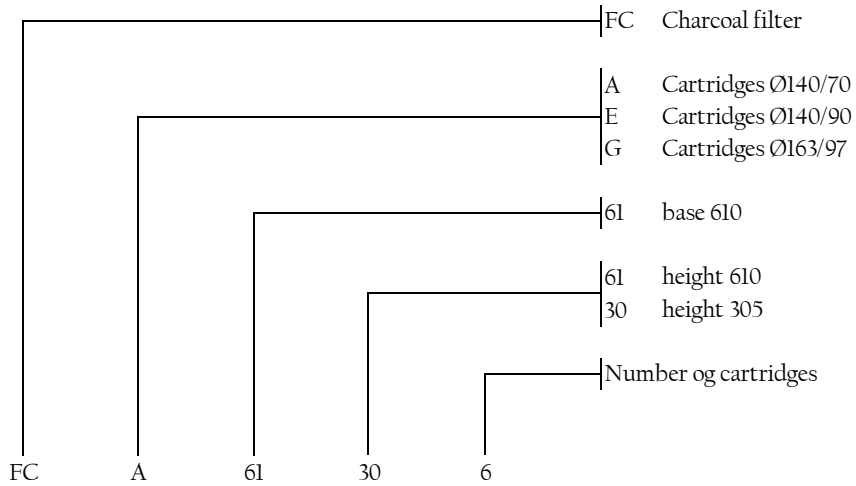


ADSORBER FILTER WITH ACTIVATED CHARCOAL

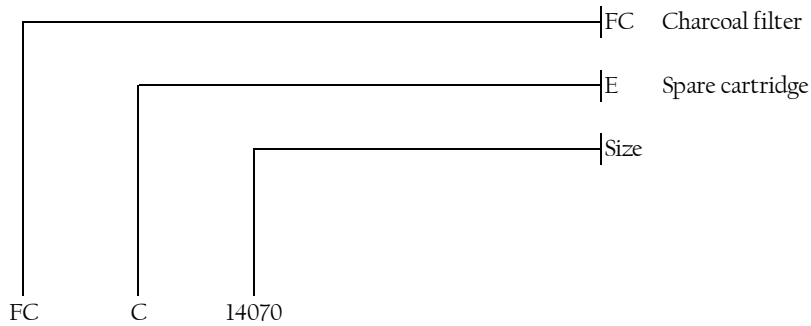
FC
SERIES

HOW TO ORDER

Complete filter



Spare cartridges



Complete of standard coal

FC-R-CA1 Bag of 25Kg of standard coal



ABSOLUTE FILTER

FA
SERIES

OVERVIEW - TECHNICAL CHARACTERISTICS ABSOLUTE FILTERS

General: Absolute filters used in hospitals, clean rooms, laboratories, pharmaceutical and food industries.

Filter classes H10, H13, H14 and U15
Material Glass microfiber filter fireproof waterproof
Extruded anodized aluminum frame
Protective shield of painted steel on both sides
Seal one piece of PU
Component polyurethane sealant
Height filter element 68, 150, 292mm
Standard sizes from 305x305 mm to mm 915x1.829
Maximum operating temperature of +80

Model	Dimensions mm	Air flow [m ³ /h]	Pressure drop ΔPs [pa]
FA-7L-10???	305 x 305 x 68	150	[120-600]
FA-7L-11???	305 x 610 x 68	300	[120-600]
FA-7L-20???	457 x 305 x 68	225	[120-600]
FA-7L-21???	457 x 457 x 68	335	[120-600]
FA-7L-22???	457 x 610 x 68	450	[120-600]
FA-7L-30???	545 x 545 x 68	500	[120-600]
FA-7L-31???	545 x 1155 x 68	1000	[120-600]
FA-7L-40???	610 x 610 x 68	600	[120-600]
FA-7L-41???	610 x 915 x 68	900	[120-600]
FA-7L-42???	610 x 1219 x 68	1200	[120-600]
FA-7L-43???	610 x 1524 x 68	1500	[120-600]
FA-7L-44???	610 x 1829 x 68	1800	[120-600]
FA-7L-50???	762 x 305 x 68	375	[120-600]
FA-7L-51???	762 x 610 x 68	750	[120-600]
FA-7L-52???	762 x 762 x 68	950	[120-600]
FA-7L-53???	762 x 914 x 68	1125	[120-600]
FA-7L-54???	762 x 1219 x 68	1500	[120-600]
FA-7L-55???	762 x 1524 x 68	1875	[120-600]
FA-7L-56???	762 x 1829 x 68	2250	[120-600]
FA-7L-60???	914 x 305 x 68	450	[120-600]
FA-7L-61???	914 x 914 x 68	1350	[120-600]
FA-7L-62???	914 x 1219 x 68	1800	[120-600]
FA-7L-63???	914 x 1524 x 68	2250	[120-600]
FA-7L-64???	914 x 1829 x 68	2700	[120-600]

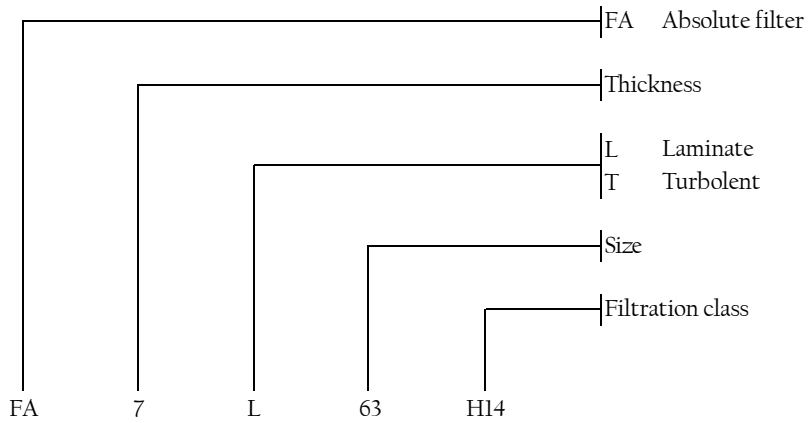


ABSOLUTE FILTER

FA SERIES

OVERVIEW - TECHNICAL CHARACTERISTICS ABSOLUTE FILTERS

Model	Dimensions mm	Air flow [m³/h]	Pressure drop ΔPs [pa]
FA-15L-2IH14	457x457x150	335	[120 - 600]
FA-15L-2IU15	457x457x150	335	[140 - 600]
FA-15L-40H14	610x610x150	600	[120 - 600]
FA-15L-40U15	610x610x150	600	[140 - 600]
FA-29T-2IH13	457x457x292	1200	[250 - 600]
FA-29T-2IH14	457x457x292	1200	[280 - 600]
FA-29T-40H13	610x610x292	2000	[250 - 600]
FA-29T-40H14	610x610x292	2000	[280 - 600]
FA-29T-1IH13	305x610x292	1000	[250 - 600]
FA-29T-1IH14	305x610x292	1000	[280 - 600]





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 : + 800 ° C.

HEIGHT FILTERING ELEMENT: 535 - 636 mm.

MODEL	B x H x P	n° bags	Q m ³ /h	ΔP Pa	surface	class	efficiency
FTF6-04-28-59-53	287x592x535	4	1650	75	2,9	F6	60% < Em < 80%
FTF6-08-59-59-53	592x592x535	8	3400	75	5,8	F6	60% < Em < 80%
FTF6-04-28-59-63	287x592x635	4	1650	65	3,4	F6	60% < Em < 80%
FTF6-04-59-59-63	592x592x635	8	3400	65	6,8	F6	60% < Em < 80%
FTF7-04-28-59-53	287x592x535	4	1650	120	2,9	F7	80% < Em < 90%
FTF7-08-59-59-53	592x592x535	8	3400	120	5,8	F7	80% < Em < 90%
FTF7-04-28-59-63	287x592x635	4	1650	100	3,4	F7	80% < Em < 90%
FTF7-08-59-59-63	592x592x635	8	3400	100	6,8	F7	80% < Em < 90%
FTF8-04-28-59-53	287x592x535	4	1650	130	2,9	F8	90% < Em < 95%
FTF8-08-59-59-53	592x592x535	8	3400	130	5,8	F8	90% < Em < 95%
FTF8-04-28-59-63	287x592x635	4	1650	110	3,4	F8	90% < Em < 95%
FTF8-08-59-59-63	592x592x635	8	3400	110	6,8	F8	90% < Em < 95%

Q nominal air flow

ΔP initial pressure drop

Em % of particles 0,4 μm

