

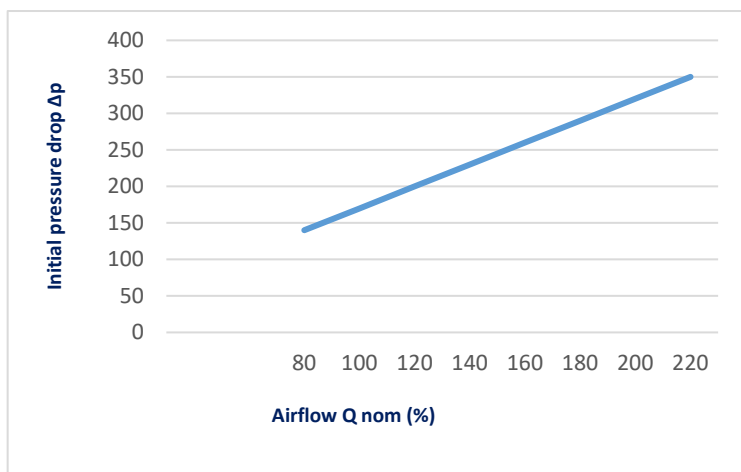
Pleated filter plan F7 – EN 779:2012

Fine filtration



General information: Pleated filters plan can be used both on the coarse filtration and the fine filtration. Z-line technology used to produce them provide a high performance filter, by placing equidistant folds, which allow uniform airflow retrieving and loading homogeneous across the entire filter.

Application: Pre-filtration and air purification for retention of fine particle in air conditioning systems.



Type: Pleated filter plan

Frame: galvanized sheet with a thickness of 30, 48, 95 and 150 mm

Material type: Nonwoven synthetic fibers

Classification EN 779:2012: F7

Average efficiency (Em) particle 0,4μ: 80≤Em<90%

Initial pressure drop: 85 Pa

Final pressure drop (recommended): 450 Pa

Maxim airflow: 1,25 x nominal airflow

Airspeed: 0,45 m/s

Temperature: Maxim 90°C in continuous operation mode

Humidity: Maxim 90%

Fire resistance class: F1/K1 in accord cu DIN 53438

Observation: Available with cardboard frame

Filter stage: I, II

Packing: cardboard box

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Classification EN 779:2012	Dimension (Wight x Height x Depth) (mm)	Filtering surface (m ²)	Airflow (m ³ /h)	Pressure drop	
				Initial (Pa)	Final (Pa)
F7	250 x 494 x 30	0,30	670	85	450
F7	287 x 592 x 30	0,40	900	85	450
F7	394 x 394 x 30	0,40	890	85	450
F7	394 x 494 x 30	0,50	1050	85	450
F7	394 x 621 x 30	0,60	1310	85	450
F7	494 x 494 x 30	0,60	1310	85	450
F7	494 x 621 x 30	0,77	1640	85	450
F7	592 x 592 x 30	0,85	1850	85	450
F7	250 x 494 x 48	0,65	1340	85	450
F7	287 x 592 x 48	0,80	1750	85	450
F7	394 x 394 x 48	0,75	1570	85	450
F7	394 x 494 x 48	0,90	1950	85	450
F7	394 x 621 x 48	1,10	2400	85	450
F7	494 x 494 x 48	1,30	2750	85	450
F7	494 x 621 x 48	1,45	3100	85	450
F7	592 x 592 x 48	1,60	3450	85	450
F7	250 x 494 x 95	0,95	2050	85	450
F7	287 x 592 x 95	1,30	2780	85	450
F7	394 x 394 x 95	1,20	2590	85	450
F7	394 x 494 x 95	1,55	3280	85	450
F7	394 x 621 x 95	1,85	3970	85	450
F7	494 x 494 x 95	1,90	4100	85	450
F7	494 x 621 x 95	1,95	3970	85	450
F7	592 x 592 x 95	2,50	5440	85	450

Other dimension: in any configuration limit 1250 mm x 3000 mm

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Pleated filter plan F9 – EN 779:2012

Fine filtration



General information: Pleated filters plan can be used both on the coarse filtration and the fine filtration they are ideal for spaces where dust pollution is very high. Z-line technology used to produce them provide a high performance filter, by placing equidistant folds, which allow uniform airflow retrieving and loading homogeneous across the entire filter.

Application: Pre-filtration and air purification for retention of fine particle in air conditioning systems.

Type: Pleated filter plan

Frame: galvanized sheet with a thickness of 30, 48, 95 and 150 mm

Material type: Nonwoven synthetic fibers

Classification EN 779:2012: F9

Average efficiency (Em) particle 0,4μ: 95≤Em

Initial pressure drop: 95-100 Pa

Final pressure drop (recommended): 450 Pa

Maxim airflow: 1,25 x nominal airflow

Airspeed: 0,45 m/s

Temperature: Maxim 90°C in continuous operation mode

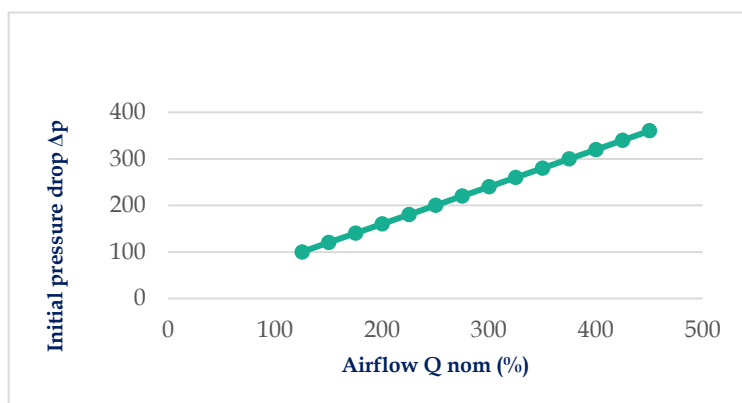
Humidity: Maxim 90%

Fire resistance class: F1/K1 in accord with DIN 53438

Observation: Available with cardboard frame

Filter stage: II

Packing: cardboard box



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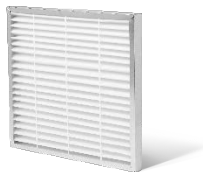
Classification EN 779:2012	Dimensions (Wight x Height x Depth) (mm)	Filtration surface (m ²)	Airflow (m ³ /h)	Pressure drop	
				Initial (Pa)	Final (Pa)
F9	250 x 494 x 30	0,30	670	95	450
F9	287 x 592 x 30	0,40	900	95	450
F9	394 x 394 x 30	0,40	890	95	450
F9	394 x 494 x 30	0,50	1050	95	450
F9	394 x 621 x 30	0,60	1310	95	450
F9	494 x 494 x 30	0,60	1310	95	450
F9	494 x 621 x 30	0,77	1640	95	450
F9	592 x 592 x 30	0,85	1850	100	450
F9	250 x 494 x 48	0,65	1340	100	450
F9	287 x 592 x 48	0,80	1750	100	450
F9	394 x 394 x 48	0,75	1570	100	450
F9	394 x 494 x 48	0,90	1950	100	450
F9	394 x 621 x 48	1,10	2400	100	450
F9	494 x 494 x 48	1,30	2750	100	450
F9	494 x 621 x 48	1,45	3100	100	450
F9	592 x 592 x 48	1,60	3450	100	450
F9	250 x 494 x 95	0,95	2050	100	450
F9	287 x 592 x 95	1,30	2780	100	450
F9	394 x 394 x 95	1,20	2590	100	450
F9	394 x 494 x 95	1,55	3280	100	450
F9	394 x 621 x 95	1,85	3970	100	450
F9	494 x 494 x 95	1,90	4100	100	450
F9	494 x 621 x 95	1,95	3970	100	450
F9	592 x 592 x 95	2,50	5440	100	450

Other dimension: in any configuration limit 1250 mm x 3000 mm

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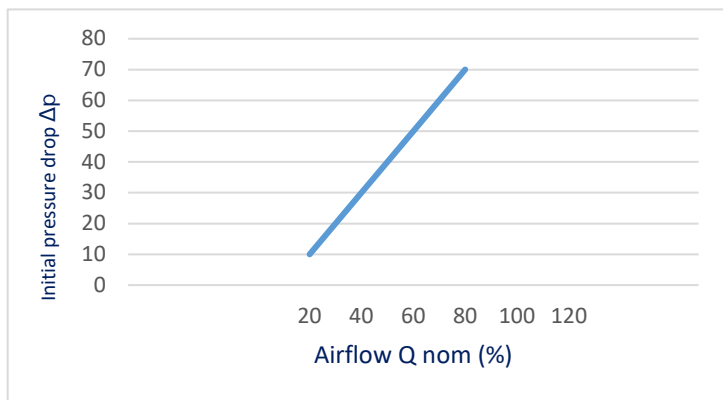
Pleated filter plan G2 – EN 779:2012

Coarse filtration



General information: Pleated filters plan can be used both on the coarse filtration and the fine filtration they are ideal for spaces where dust pollution is very high. Z-line technology used to produce them provide a high performance filter, by placing equidistant folds, which allow uniform airflow retrieving and loading homogeneous across the entire filter.

Application: Pre-filtration and air purification for retention of coarse particle in air conditioning systems.



Type: Pleated filter plan

Frame: galvanized sheet with a thickness of 30, 48, 95 and 150 mm

Material type: Nonwoven synthetic fibers

Classification EN 779:2012: G2

Average efficiency (Em) synthetic dust: 60%

Initial pressure drop: 25 Pa

Final pressure drop (recommended): 200 Pa

Maxim airflow: 1,25 x nominal airflow

Airspeed: 0,45 m/s

Temperature: Maxim 90°C in continuous operation mode

Humidity: Maxim 90%

Fire resistance class: F1/K1 in accord with DIN 53438

Observation: Available with cardboard frame

Filter stage: I

Packing: cardboard box

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Classification EN 779:2012	Dimensions (Wight x Height x Depth) (mm)	Filtration surface (m ²)	Airflow (m ³ /h)	Pressure drop	
				Initial (Pa)	Final (Pa)
G2	250 x 494 x 30	0,30	670	25	200
G2	287 x 592 x 30	0,40	900	25	200
G2	394 x 394 x 30	0,40	890	25	200
G2	394 x 494 x 30	0,50	1050	25	200
G2	394 x 621 x 30	0,60	1310	25	200
G2	494 x 494 x 30	0,60	1310	25	200
G2	494 x 621 x 30	0,77	1640	25	200
G2	592 x 592 x 30	0,85	1850	25	200
G2	250 x 494 x 48	0,65	1340	25	200
G2	287 x 592 x 48	0,80	1750	25	200
G2	394 x 394 x 48	0,75	1570	25	200
G2	394 x 494 x 48	0,90	1950	25	200
G2	394 x 621 x 48	1,10	2400	25	200
G2	494 x 494 x 48	1,30	2750	25	200
G2	494 x 621 x 48	1,45	3100	25	200
G2	592 x 592 x 48	1,60	3450	25	200
G2	250 x 494 x 95	0,95	2050	25	200
G2	287 x 592 x 95	1,30	2780	25	200
G2	394 x 394 x 95	1,20	2590	25	200
G2	394 x 494 x 95	1,55	3280	25	200
G2	394 x 621 x 95	1,85	3970	25	200
G2	494 x 494 x 95	1,90	4100	25	200
G2	494 x 621 x 95	1,95	3970	25	200
G2	592 x 592 x 95	2,50	5440	25	200

Other dimension: in any configuration limit 1250 mm x 3000 mm

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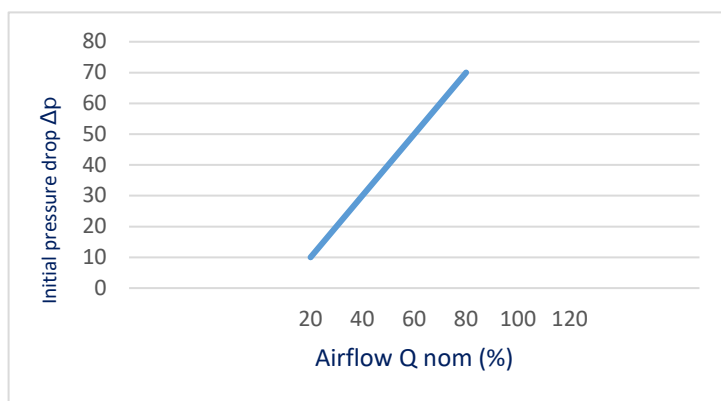
Pleated filter plan G3 – EN 779:2012

Coarse filtration



General information: Pleated filters plan can be used both on the coarse filtration and the fine filtration they are ideal for spaces where dust pollution is very high. Z-line technology used to produce them provide a high performance filter, by placing equidistant folds, which allow uniform airflow retrieving and loading homogeneous across the entire filter.

Application: Pre-filtration and air purification for retention of coarse particle in air conditioning systems.



Type: Pleated filter plan

Frame: galvanized sheet with a thickness of 30, 48, 95 and 150 mm

Material type: Nonwoven synthetic fibers

Classification EN 779:2012: G3

Average efficiency (Em) synthetic dust: 80%

Initial pressure drop: 30 Pa

Final pressure drop (recommended): 250 Pa

Maxim airflow: 1,25 x nominal airflow

Airspeed: 0,45 m/s

Temperature: Maxim 90°C in continuous operation mode

Humidity: Maxim 90%

Fire resistance class: F1/K1 in accord with DIN 53438

Observation: Available with cardboard frame

Filter stage: I

Packing: cardboard box

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Classification EN 779:2012	Dimensions (Wight x Height x Depth) (mm)	Filtration surface (m ²)	Airflow (m ³ /h)	Pressure drop	
				Initial (Pa)	Final (Pa)
G3	250 x 494 x 30	0,30	670	30	250
G3	287 x 592 x 30	0,40	900	30	250
G3	394 x 394 x 30	0,40	890	30	250
G3	394 x 494 x 30	0,50	1050	30	250
G3	394 x 621 x 30	0,60	1310	30	250
G3	494 x 494 x 30	0,60	1310	30	250
G3	494 x 621 x 30	0,77	1640	30	250
G3	592 x 592 x 30	0,85	1850	30	250
G3	250 x 494 x 48	0,65	1340	30	250
G3	287 x 592 x 48	0,80	1750	30	250
G3	394 x 394 x 48	0,75	1570	30	250
G3	394 x 494 x 48	0,90	1950	30	250
G3	394 x 621 x 48	1,10	2400	30	250
G3	494 x 494 x 48	1,30	2750	30	250
G3	494 x 621 x 48	1,45	3100	30	250
G3	592 x 592 x 48	1,60	3450	30	250
G3	250 x 494 x 95	0,95	2050	30	250
G3	287 x 592 x 95	1,30	2780	30	250
G3	394 x 394 x 95	1,20	2590	30	250
G3	394 x 494 x 95	1,55	3280	30	250
G3	394 x 621 x 95	1,85	3970	30	250
G3	494 x 494 x 95	1,90	4100	30	250
G3	494 x 621 x 95	1,95	3970	30	250
G3	592 x 592 x 95	2,50	5440	30	250

Other dimension: in any configuration limit 1250 mm x 3000 mm

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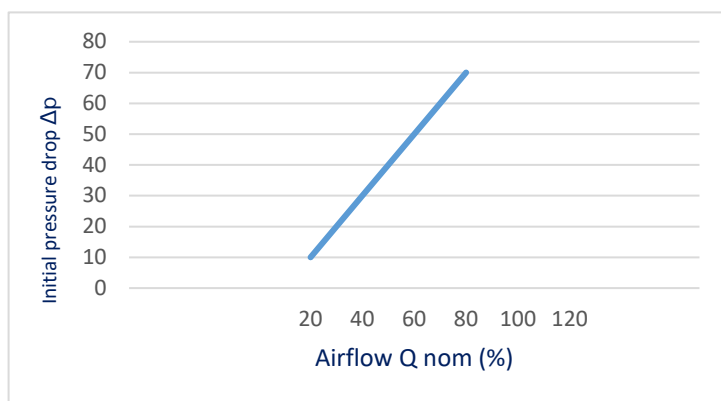
Pleated filter plan G4 – EN 779:2012

Coarse filtration



General information: Pleated filters plan can be used both on the coarse filtration and the fine filtration they are ideal for spaces where dust pollution is very high. Z-line technology used to produce them provide a high performance filter, by placing equidistant folds, which allow uniform airflow retrieving and loading homogeneous across the entire filter.

Application: Pre-filtration and air purification for retention of coarse particle in air conditioning systems.



Type: Pleated filter plan

Frame: galvanized sheet with a thickness of 30, 48, 95 and 150 mm

Material type: Nonwoven synthetic fibers

Classification EN 779:2012: G4

Average efficiency (Em) synthetic dust: 90%

Initial pressure drop: 30 - 45 Pa

Final pressure drop (recommended): 250 Pa

Maxim airflow: 1,25 x nominal airflow

Airspeed: 0,45 m/s

Temperature: Maxim 90°C in continuous operation mode

Humidity: Maxim 90%

Fire resistance class: F1/K1 in accord with DIN 53438

Observation: Available with cardboard frame

Filter stage: I, II

Packing: cardboard box

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Classification EN 779:2012	Dimensions (Wight x Height x Depth) (mm)	Filtration surface (m ²)	Airflow (m ³ /h)	Pressure drop	
				Initial (Pa)	Final (Pa)
G4	250 x 494 x 30	0,30	670	30	250
G4	287 x 592 x 30	0,40	900	30	250
G4	394 x 394 x 30	0,40	890	30	250
G4	394 x 494 x 30	0,50	1050	35	250
G4	394 x 621 x 30	0,60	1310	35	250
G4	494 x 494 x 30	0,60	1310	35	250
G4	494 x 621 x 30	0,77	1640	35	250
G4	592 x 592 x 30	0,85	1850	35	250
G4	250 x 494 x 48	0,65	1340	40	250
G4	287 x 592 x 48	0,80	1750	40	250
G4	394 x 394 x 48	0,75	1570	40	250
G4	394 x 494 x 48	0,90	1950	40	250
G4	394 x 621 x 48	1,10	2400	40	250
G4	494 x 494 x 48	1,30	2750	40	250
G4	494 x 621 x 48	1,45	3100	40	250
G4	592 x 592 x 48	1,60	3450	40	250
G4	250 x 494 x 95	0,95	2050	45	250
G4	287 x 592 x 95	1,30	2780	45	250
G4	394 x 394 x 95	1,20	2590	45	250
G4	394 x 494 x 95	1,55	3280	45	250
G4	394 x 621 x 95	1,85	3970	45	250
G4	494 x 494 x 95	1,90	4100	45	250
G4	494 x 621 x 95	1,95	3970	45	250
G4	592 x 592 x 95	2,50	5440	45	250

Other dimension: in any configuration limit 1250 mm x 3000 mm

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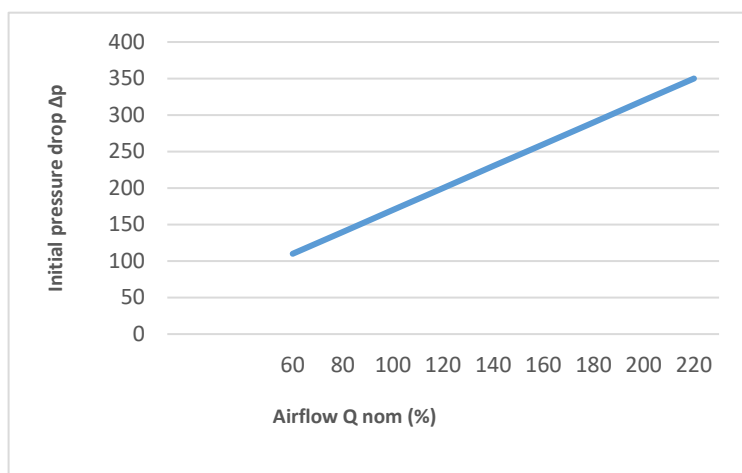
Pleated filter plan M5 – EN 779:2012

Coarse filtration



General information: Pleated filters plan can be used both on the coarse filtration and the fine filtration they are ideal for spaces where dust pollution is very high. Z-line technology used to produce them provide a high performance filter, by placing equidistant folds, which allow uniform airflow retrieving and loading homogeneous across the entire filter.

Application: Pre-filtration and air purification for retention of coarse particle in air conditioning systems.



Type: Pleated filter plan

Frame: galvanized sheet with a thickness of 30, 48, 95 and 150 mm

Material type: Nonwoven synthetic fibers

Classification EN 779:2012: M5

Average efficiency (Em) particle 0,4μ: 40 ≤ Em < 60%

Initial pressure drop: 40 - 50 Pa

Final pressure drop (recommended): 450 Pa

Maxim airflow: 1,25 x nominal airflow

Airspeed: 0,45 m/s

Temperature: Maxim 90°C in continuous operation mode

Humidity: Maxim 90%

Fire resistance class: F1/K1 in accord with DIN 53438

Observation: Available with cardboard frame

Filter stage: I, II

Packing: cardboard box

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Classification EN 779:2012	Dimensions (Wight x Height x Depth) (mm)	Filtration surface (m ²)	Airflow (m ³ /h)	Pressure drop	
				Initial (Pa)	Final (Pa)
M5	250 x 494 x 30	0,30	670	40	450
M5	287 x 592 x 30	0,40	900	40	450
M5	394 x 394 x 30	0,40	890	40	450
M5	394 x 494 x 30	0,50	1050	40	450
M5	394 x 621 x 30	0,60	1310	40	450
M5	494 x 494 x 30	0,60	1310	40	450
M5	494 x 621 x 30	0,77	1640	40	450
M5	592 x 592 x 30	0,85	1850	40	450
M5	250 x 494 x 48	0,65	1340	45	450
M5	287 x 592 x 48	0,80	1750	45	450
M5	394 x 394 x 48	0,75	1570	45	450
M5	394 x 494 x 48	0,90	1950	45	450
M5	394 x 621 x 48	1,10	2400	45	450
M5	494 x 494 x 48	1,30	2750	45	450
M5	494 x 621 x 48	1,45	3100	45	450
M5	592 x 592 x 48	1,60	3450	45	450
M5	250 x 494 x 95	0,95	2050	50	450
M5	287 x 592 x 95	1,30	2780	50	450
M5	394 x 394 x 95	1,20	2590	50	450
M5	394 x 494 x 95	1,55	3280	50	450
M5	394 x 621 x 95	1,85	3970	50	450
M5	494 x 494 x 95	1,90	4100	50	450
M5	494 x 621 x 95	1,95	3970	50	450
M5	592 x 592 x 95	2,50	5440	50	450

Other dimension: in any configuration limit 1250 mm x 3000 mm

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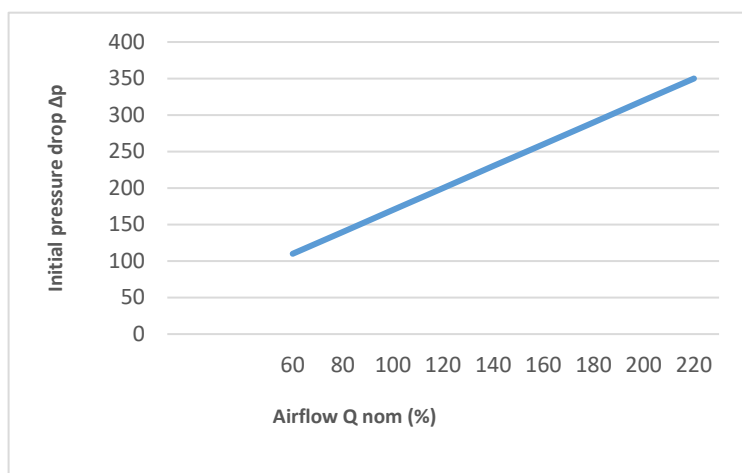
Pleated filter plan M6 – EN 779:2012

Coarse filtration



General information: Pleated filters plan can be used both on the coarse filtration and the fine filtration they are ideal for spaces where dust pollution is very high. Z-line technology used to produce them provide a high performance filter, by placing equidistant folds, which allow uniform airflow retrieving and loading homogeneous across the entire filter.

Application: Pre-filtration and air purification for retention of coarse particle in air conditioning systems.



Type: Pleated filter plan

Frame: galvanized sheet with a thickness of 30, 48, 95 and 150 mm

Material type: Nonwoven synthetic fibers

Classification EN 779:2012: M6

Average efficiency (Em) particle 0,4μ: 60 ≤ Em < 80%

Initial pressure drop: 50 - 60 Pa

Final pressure drop (recommended): 450 Pa

Maxim airflow: 1,25 x nominal airflow

Airspeed: 0,45 m/s

Temperature: Maxim 90°C in continuous operation mode

Humidity: Maxim 90%

Fire resistance class: F1/K1 in accord with DIN 53438

Observation: Available with cardboard frame

Filter stage: I, II

Packing: cardboard box

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Classification EN 779:2012	Dimensions (Wight x Height x Depth) (mm)	Filtration surface (m ²)	Airflow (m ³ /h)	Pressure drop	
				Initial (Pa)	Final (Pa)
M6	250 x 494 x 30	0,30	670	50	450
M6	287 x 592 x 30	0,40	900	50	450
M6	394 x 394 x 30	0,40	890	50	450
M6	394 x 494 x 30	0,50	1050	50	450
M6	394 x 621 x 30	0,60	1310	50	450
M6	494 x 494 x 30	0,60	1310	50	450
M6	494 x 621 x 30	0,77	1640	50	450
M6	592 x 592 x 30	0,85	1850	50	450
M6	250 x 494 x 48	0,65	1340	55	450
M6	287 x 592 x 48	0,80	1750	55	450
M6	394 x 394 x 48	0,75	1570	55	450
M6	394 x 494 x 48	0,90	1950	55	450
M6	394 x 621 x 48	1,10	2400	55	450
M6	494 x 494 x 48	1,30	2750	55	450
M6	494 x 621 x 48	1,45	3100	55	450
M6	592 x 592 x 48	1,60	3450	55	450
M6	250 x 494 x 95	0,95	2050	60	450
M6	287 x 592 x 95	1,30	2780	60	450
M6	394 x 394 x 95	1,20	2590	60	450
M6	394 x 494 x 95	1,55	3280	60	450
M6	394 x 621 x 95	1,85	3970	60	450
M6	494 x 494 x 95	1,90	4100	60	450
M6	494 x 621 x 95	1,95	3970	60	450
M6	592 x 592 x 95	2,50	5440	60	450

Other dimension: in any configuration limit 1250 mm x 3000 mm

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