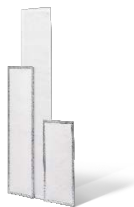


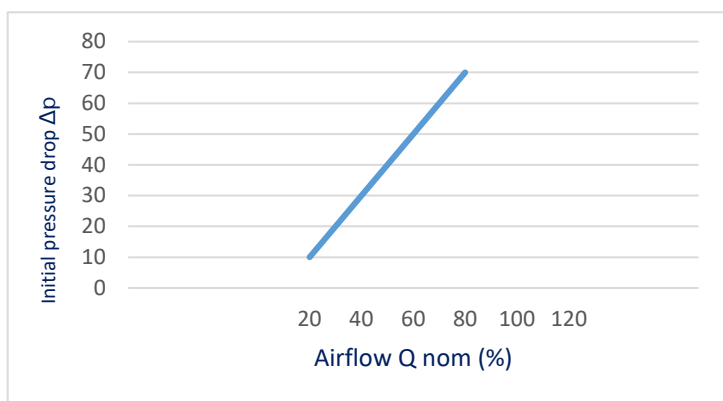
## Filters plan G2 – EN 779:2012

### 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.

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



**Type:** Filter plan

**Frame:** galvanized sheet with a thickness of 5, 8, 10, 15, 20 and 25 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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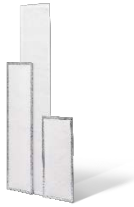
Classification EN 779:2012	Dimensions (Wight x Height x Depth) (mm)	Filtering surface (m <sup>2</sup> )	Airflow (m <sup>3</sup> /h)	Pressure drop	
				Initial (Pa)	Final (Pa)
G2	150 x 435 x 5	0,1	500	25	200
G2	237 x 415 x 5	0,1	720	25	200
G2	237 x 495 x 5	0,1	860	25	200
G2	250 x 595 x 5	0,1	1080	25	200
G2	330 x 710 x 5	0,2	1650	25	200
G2	340 x 490 x 5	0,2	1220	25	200
G2	365 x 445 x 5	0,2	1150	25	200
G2	430 x 710 x 5	0,3	2220	25	200
G2	440 x 490 x 5	0,2	1580	25	200
G2	465 x 465 x 5	0,2	1580	25	200
G2	465 x 565 x 5	0,3	1870	25	200
G2	490 x 640 x 5	0,3	2230	25	200
G2	530 x 710 x 4	0,4	2730	25	200
G2	540 x 700 x 5	0,3	2300	25	200
G2	287 x 592 x 10	0,2	1700	25	200
G2	394 x 490 x 10	0,2	1880	25	200
G2	394 x 620 x 10	0,2	2350	25	200
G2	490 x 490 x 10	0,2	2350	25	200
G2	490 x 620 x 10	0,3	2900	25	200
G2	592 x 592 x 10	0,4	3400	25	200
G2	288 x 594 x 20	0,2	1700	25	200
G2	394 x 495 x 20	0,2	1880	25	200
G2	394 x 594 x 20	0,2	2200	25	200
G2	394 x 622 x 20	0,3	2350	25	200

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

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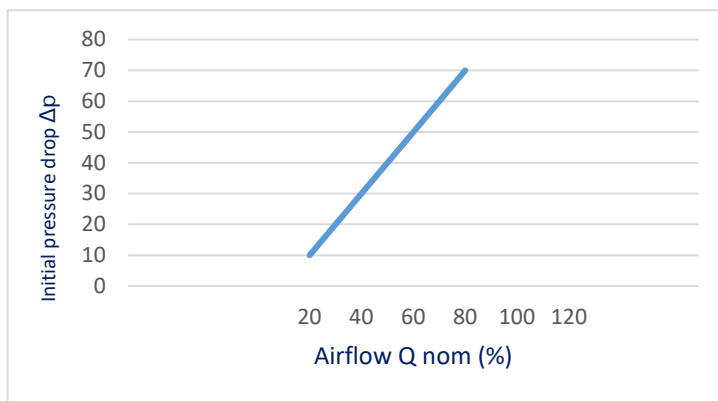
# Filters plan G3 – EN 779:2012

## 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.

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



**Type:** Filter plan

**Frame:** galvanized sheet with a thickness of 5, 8, 10, 15, 20 and 25 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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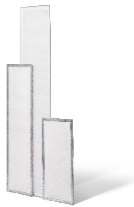
Classification EN 779:2012	Dimensions (Wight x Height x Depth) (mm)	Filtering surface (m <sup>2</sup> )	Airflow (m <sup>3</sup> /h)	Pressure drop	
				Initial (Pa)	Final (Pa)
G3	150 x 435 x 5	0,1	500	30	250
G3	237 x 415 x 5	0,1	720	30	250
G3	237 x 495 x 5	0,1	860	30	250
G3	250 x 595 x 5	0,1	1080	30	250
G3	330 x 710 x 5	0,2	1650	30	250
G3	340 x 490 x 5	0,2	1220	30	250
G3	365 x 445 x 5	0,2	1150	30	250
G3	430 x 710 x 5	0,3	2220	30	250
G3	440 x 490 x 5	0,2	1580	30	250
G3	465 x 465 x 5	0,2	1580	30	250
G3	465 x 565 x 5	0,3	1870	30	250
G3	490 x 640 x 5	0,3	2230	30	250
G3	530 x 710 x 4	0,4	2730	30	250
G3	540 x 700 x 5	0,3	2300	30	250
G3	287 x 592 x 10	0,2	1700	30	250
G3	394 x 490 x 10	0,2	1880	30	250
G3	394 x 620 x 10	0,2	2350	30	250
G3	490 x 490 x 10	0,2	2350	30	250
G3	490 x 620 x 10	0,3	2900	30	250
G3	592 x 592 x 10	0,4	3400	30	250
G3	288 x 594 x 20	0,2	1700	30	250
G3	394 x 495 x 20	0,2	1880	30	250
G3	394 x 594 x 20	0,2	2200	30	250
G3	394 x 622 x 20	0,3	2350	30	250

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

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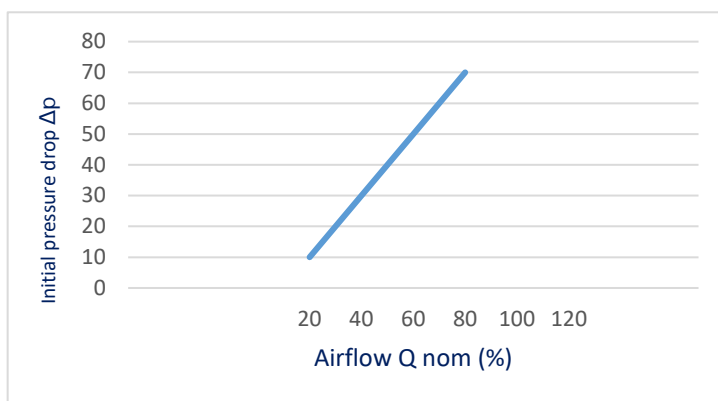
# Filters plan G4 – EN 779:2012

## 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.

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



**Type:** Filter plan

**Frame:** galvanized sheet with a thickness of 5, 8, 10, 15, 20 and 25 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

**Packing:** cardboard box

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Classification EN 779:2012	Dimensions (Wight x Height x Depth) (mm)	Filtering surface (m <sup>2</sup> )	Airflow (m <sup>3</sup> /h)	Pressure drop	
				Initial (Pa)	Final (Pa)
G4	150 x 435 x 5	0,1	500	30	250
G4	237 x 415 x 5	0,1	720	30	250
G4	237 x 495 x 5	0,1	860	30	250
G4	250 x 595 x 5	0,1	1080	35	250
G4	330 x 710 x 5	0,2	1650	35	250
G4	340 x 490 x 5	0,2	1220	35	250
G4	365 x 445 x 5	0,2	1150	35	250
G4	430 x 710 x 5	0,3	2220	35	250
G4	440 x 490 x 5	0,2	1580	40	250
G4	465 x 465 x 5	0,2	1580	40	250
G4	465 x 565 x 5	0,3	1870	40	250
G4	490 x 640 x 5	0,3	2230	40	250
G4	530 x 710 x 4	0,4	2730	40	250
G4	540 x 700 x 5	0,3	2300	40	250
G4	287 x 592 x 10	0,2	1700	40	250
G4	394 x 490 x 10	0,2	1880	40	250
G4	394 x 620 x 10	0,2	2350	45	250
G4	490 x 490 x 10	0,2	2350	45	250
G4	490 x 620 x 10	0,3	2900	45	250
G4	592 x 592 x 10	0,4	3400	45	250
G4	288 x 594 x 20	0,2	1700	45	250
G4	394 x 495 x 20	0,2	1880	45	250
G4	394 x 594 x 20	0,2	2200	45	250
G4	394 x 622 x 20	0,3	2350	45	250

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

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