

DATASHEET

rev. 01 - 11/04/2024

Corrugated filter cell with 6/10
microperforated galvanised frame and G4
double galvanised protective mesh

31600240 - 31600245 - 31600250
31600255 - 31600260 - 31600265
31600270 - 31600275



TECHNICAL SPECIFICATIONS:

- Filtering septum type polyester
- 6/10 micro-perforated galvanised sheet metal frame
- Maximum operating temperature +100 °C
- Gravimetric arrestance 90.6%
- EN 779:2012 G4 classification
- Primary filtration class
- Fire behaviour F1-DIN.53438
- Regeneration no

APPLICATIONS:

Civil and industrial ventilation and air conditioning systems
Air treatment units, filter walls
Pre-filtration and separation of coarse and fine powders
High efficiency pre-filters

DIMENSIONS

CODE	DIMENSIONS [mm]
31600240	287 x 592 x 48
31600245	400 x 400 x 48
31600250	400 x 500 x 48
31600255	400 x 625 x 48
31600260	490 x 592 x 48
31600265	500 x 500 x 48
31600270	500 x 625 x 48
31600275	592 x 592 x 48

TECHNICAL DATA

ΔP INITIAL (Pa)	MAX TEMPERATURE °C	FLOW RATE [m³/h] 0.5 - 1.5 - 2.5 [m/s]	FILTERING AREA [m²]
64	100	550 - 1550 - 2550	0,29
64	100	500 - 1450 - 2400	0,27
64	100	600 - 1800 - 3000	0,34
64	100	750 - 2250 - 3750	0,43
64	100	900 - 2650 - 4400	0,5
64	100	750 x 2250 x 3750	0,42
64	100	950 - 2850 - 4700	0,53
64	100	1100 - 3200 - 5300	0,6

ITEMS

CODE	DESCRIPTION
31600240	CORRUGATED FILTER CLASS G4 WITH GALVANISED FRAME 6/10 AND DOUBLE PROTECTION MESH 287x592x48mm
31600245	CORRUGATED FILTER CLASS G4 WITH GALVANISED FRAME 6/10 AND DOUBLE PROTECTION MESH 400x400x48mm
31600250	CORRUGATED FILTER CLASS G4 WITH GALVANISED FRAME 6/10 AND DOUBLE PROTECTION MESH 400x500x48mm
31600255	CORRUGATED FILTER CLASS G4 WITH GALVANISED FRAME 6/10 AND DOUBLE PROTECTION MESH 400x625x48mm
31600260	CORRUGATED FILTER CLASS G4 WITH GALVANISED FRAME 6/10 AND DOUBLE PROTECTION MESH 490x592x48mm
31600265	CORRUGATED FILTER CLASS G4 WITH GALVANISED FRAME 6/10 AND DOUBLE PROTECTION MESH 500x500x48mm
31600270	CORRUGATED FILTER CLASS G4 WITH GALVANISED FRAME 6/10 AND DOUBLE PROTECTION MESH 500x625x48mm
31600275	CORRUGATED FILTER CLASS G4 WITH GALVANISED FRAME 6/10 AND DOUBLE PROTECTION MESH 592x592x48mm