

DEC A - DEC S

Exhaust grilles for environments classified by ISO 9 and ISO 3

Product	DEC A	DEC S
Structure	Anodized aluminium	AISI 304 stainless steel
Panel	Anodized aluminium	AISI 304 stainless steel

In controlled contamination environments all the components and the elements that are part of this area are extremely important. This means that exhaust grilles are an essential point for obtaining the project conditions. Therefore, the grilles must comply with specific features to assure the required performances. Hence, SAGICOFIM studied exhaust grilles mod. "DEC", which are specific for controlled contamination environments. The solutions proposed depend on these following technical requirements:

- Operating simplicity (namely easy cleaning

and maintenance operations)

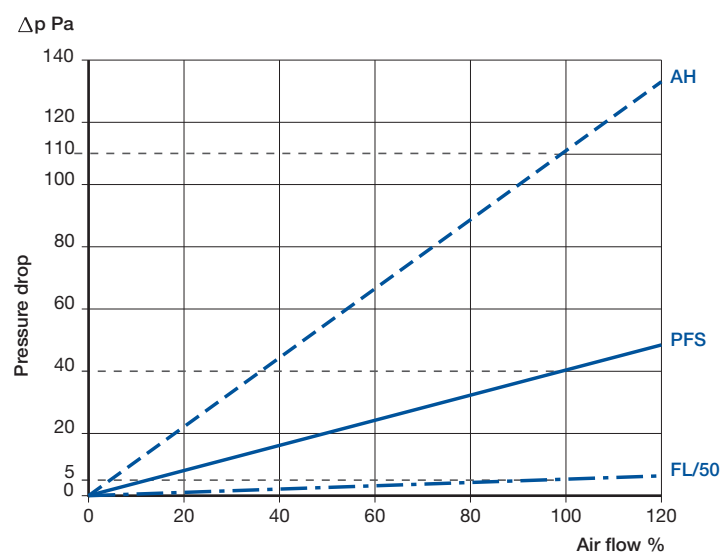
- Perfect planarity with the surfaces
- Different materials adequate even for the most critical situations
- Wide range of sizes
- Wide range of solutions

Applications The "DEC" exhaust grilles can be used in controlled contamination areas such as: clean rooms, operating rooms, sterile rooms, laboratories, industry departments which require high air cleanness levels. The great advantage of the "DEC" exhaust grilles is

that they can be installed anywhere thus meeting the most demanding requirements.

Installation These grilles are installed vertically, by inserting the frame in the wall. They are very easy to attach to the duct. The robust and light construction, the compact dimensions make them very easy to install. All the maintenance and cleaning operations can be performed very easily from inside the treated area. The filters must be replaced at the end of their operating cycle.

Typical curves



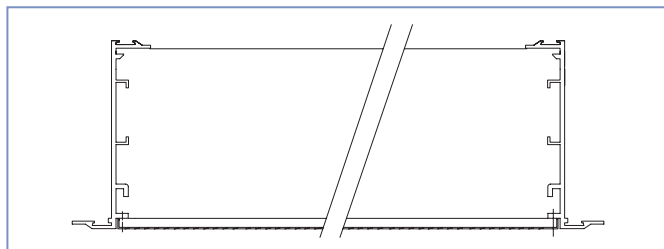
Type	Q	Panel FL/50 Δp Pa	Pre-filter G4 PFS Δp Pa	Filter F9 AH Δp Pa
DEC	m³/h			
3	400	5	40	110
42	750	5	40	110
4	1500	5	40	110
8	2250	5	40	110
9	3000	5	40	110

DEC A

Exhaust grilles for environments classified by ISO 14644.1

Code	Dimensions (mm)										
	Damper GT 007			Pre-filter			Final filter				
	A	B	C	A ₁	B ₁	A ₂	B ₂	C ₂	A ₃	B ₃	C ₃
DEC A											
3	332 x	332 x	123	300 x	300	265 x	265 x	23	305 x	305 x	69
42	637 x	332 x	123	600 x	300	575 x	270 x	23	610 x	305 x	69
4	637 x	637 x	123	600 x	600	575 x	575 x	23	610 x	610 x	69
8	942 x	637 x	123	2 da 400 x	600	575 x	880 x	23	610 x	915 x	69

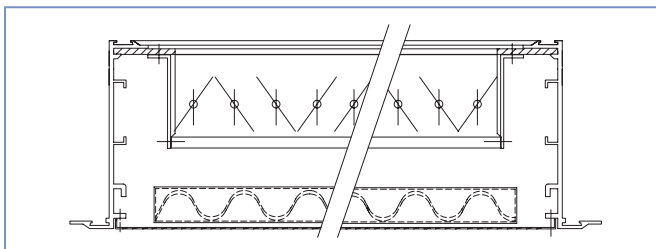
DEC A FL



Standard

- Aluminium grid
- Perforated panel

DEC A FL PR



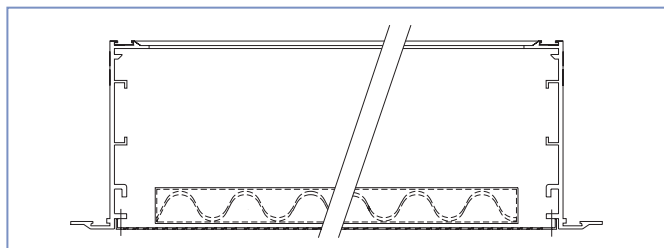
Standard

- Aluminium grid
- Perforated panel

Optional

- Damper GT 007
- Prefilter

DEC A FL P



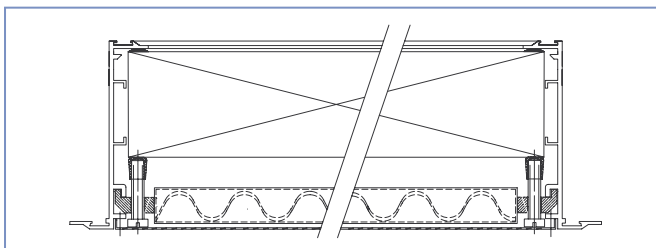
Standard

- Aluminium grid
- Perforated panel

Optional

- Prefilter

DEC A FL PF



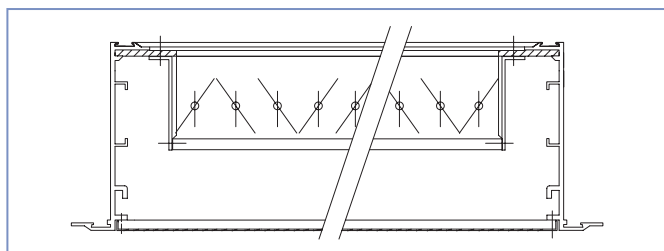
Standard

- Aluminium grid
- Perforated panel

Optional

- Prefilter
- High efficiency/absolute filter

DEC A FL R



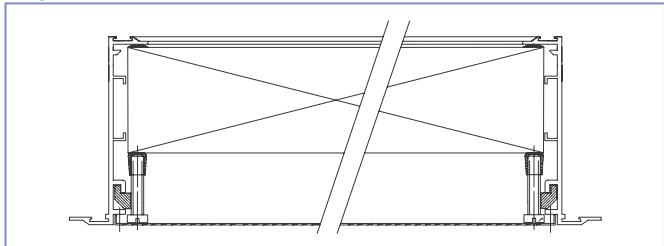
Standard

- Aluminium grid
- Perforated panel

Optional

- Damper GT 007

DEC A FL F



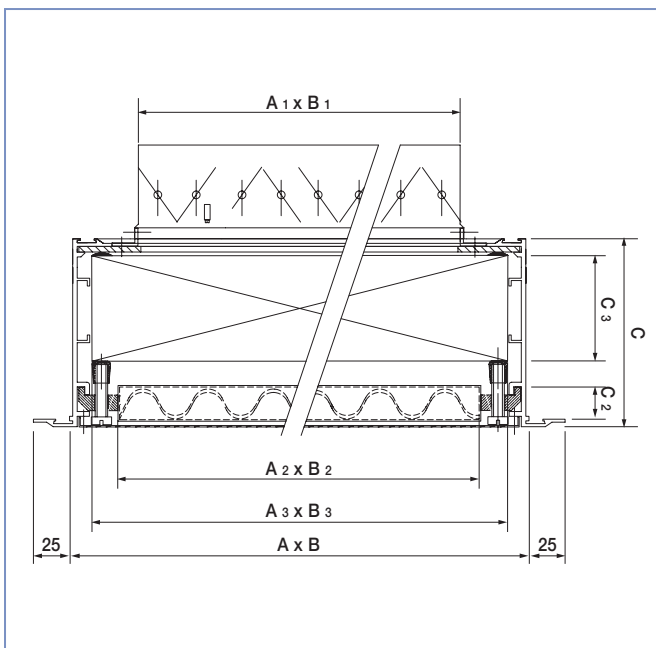
Standard

- Aluminium grid
- Perforated panel

Optional

- High efficiency/absolute filter

DEC A FL PFR



Standard

- Aluminium grid
- Perforated panel

Optional

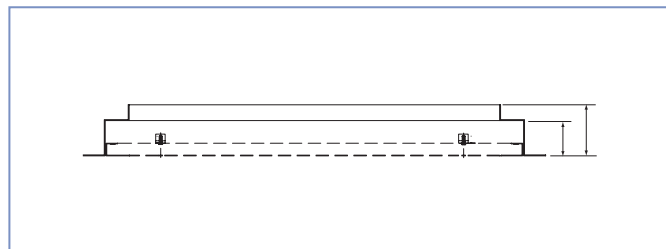
- Damper GT 007
- Prefilter
- High efficiency/absolute filter

DEC S

Exhaust grilles for environments classified by ISO 14644.1

Code	Dimensions (mm)																
	Damper GT 007						Pre-filter				Final filter						
DEC S	A		B	A 1		B 1	A 2		B 2		C 2	A 3		B 3	C 3		
3	349	x	349	300	x	300	305	x	305	x	48	305	x	305	x	74	
42	654	x	349	600	x	300	610	x	305	x	48	610	x	305	x	74	
4	654	x	654	600	x	600	610	x	610	x	48	610	x	610	x	74	
8	959	x	654	2 da	400	x	600	610	x	915	x	48	610	x	915	x	74

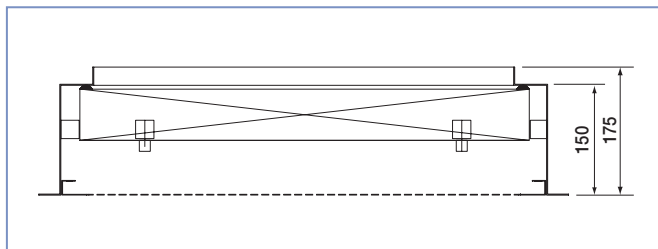
DEC S FL



Standard

- Stainless steel AISI 304 grid
- Perforated panel

DEC S FL F



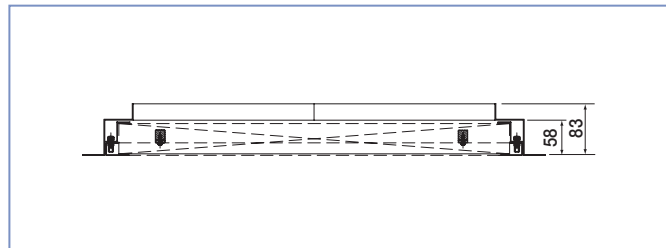
Standard

- Stainless steel AISI 304 grid
- Perforated panel

Optional

- High efficiency/absolute filter

DEC S FL P



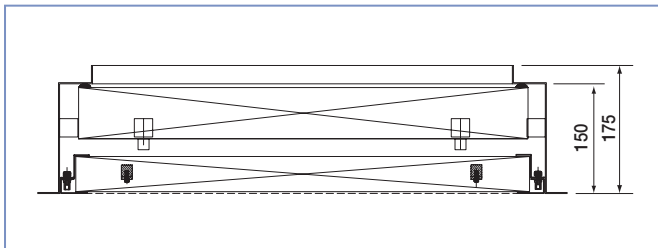
Standard

- Stainless steel AISI 304 grid
- Perforated panel

Optional

- Prefilter

DEC S FL PF



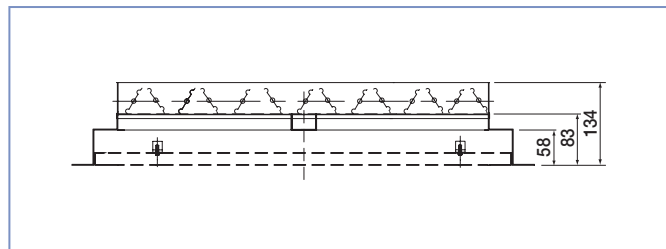
Standard

- Stainless steel AISI 304 grid
- Perforated panel

Optional

- Prefilter
- High efficiency/absolute filter

DEC S FL R



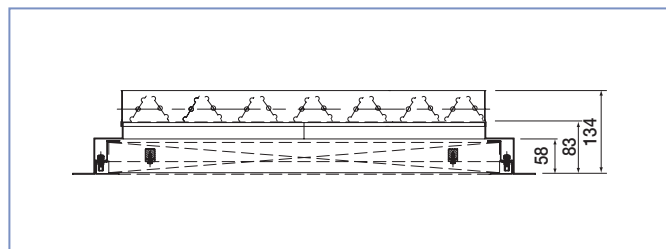
Standard

- Griglia acciaio inox AISI 304
- Pannello forellinato

Optional

- Serranda GT 007

DEC S FL PR



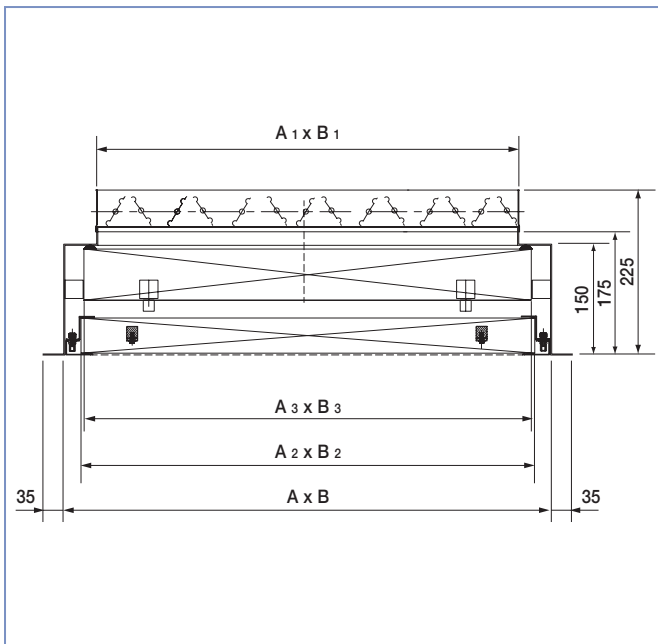
Standard

- Stainless steel AISI 304 grid
- Perforated panel

Optional

- Damper GT 007
- Prefilter

DEC S FL PFR



Standard

- Stainless steel AISI 304 grid
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Optional

- Damper GT 007
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- High efficiency/absolute filter