TAS-OP / FV

Ceiling filter system for operating rooms

Product	TAS-OP	TAS-FV
Class accord. Fed. Std. 209 E	From M 3,5 to M 7	From M 3,5 to M 7
Class accord. ISO 14644	From 5 to 8	From 5 to 8
Suggested final pressure drop	250 Pa	250 Pa
Plenum	AISI 304 stainless steel	Steel painted
Frame	AISI 304 stainless steel	Steel painted
Perforated diffuser	AISI 304 stainless steel	Aluminium painted
Suggested for class	B (ECC-GMP-Annex 1)	B (ECC-GMP-Annex 1)

The TAS-OP unidirectional ceiling filter systems produce a controlled distribution of the filtered air by the absolute filters above the operating area.
They are made of an AISI 304 stainless steel structure welded tight, with scotch-brite finishing, easy to maintain and sterilize. The perforated diffuser mod. FL is also made of AISI 304 stainless steel. Everything is perfectly flat to make cleaning operations easier. Instead of the perforated diffuser, there is also a diffuser with veil, mod. LV, to ensure a complete laminar flow in case of low outlet air speeds. The system is a one-piece system but is can also be made as a modular system for transportation problems.
The filtering section is made of DELTA absolute filters mod. AB class H 14. no barriers are required. TAS-OP ceiling filter systems are available in different sizes in an air flow rate range from 1700 to 4700 m³/h.
Also available the TAS-FV varnished steel version.

Applications TAS-OP ceiling filter systems are installed in critical operating rooms. Very silent operation to comply with the requirements of an operating room. They guarantee the fulfillment of cleanness class C.

(< = 100 particelle/ft³)

and bacteria class B

(< = 20 cfc/m³).

Installation TAS-OP ceiling filter systems can be assemble in one piece or in a modular system for transportation purposes. The modules are assembled and installed on site very easily, without any particular equipment. The installation of this system consists mainly in presetting the supporting structure with the rods or in the ceiling application of the system.
The lamp can be placed in the middle of the system.

Type	Sizes (mm)						Nominal air flow rate Q.		Weight
TAS-..	A		B		C		m³/h	m³/sx10⁻³	Kg
14 / 20	1343	x	1932	x	400		1700	472	140
14 / 25	1343	x	2540	x	400		2350	662	185
20 / 20	1953	x	1932	x	400		2700	750	210
20 / 25	1953	x	2540	x	400		3700	1028	270
20 / 32	1932	x	3194	x	400		4700	1300	335

**1 m³/s x 10⁻³ = 1 l/s*

Size