DIF-T

Filtration beam for operating rooms

Product	DIF-T
Suggested final pressure drop	300 Pa
Frame	AISI 304 Stainless steel
Plenum	AISI 304 Stainless steel
Perforated diffuser	AISI 304 Stainless steel
Suggested for class	D (ECC-GMP-Annex 1)

DIF-T diffusers are suitable for operating room installation. They have an AISI 304 stainless steel structure which holds one or more DELTA series absolute filters. The sterile air is distributed in the room through an AISI 304 stainless steel front perforated panel. The air feeding duct can be connected to one of the ends, or it can be flanged directly on the body of the diffuser, through proper openings on the top or back part.

The internal stainless steel construction can be easily sterilized, hence it meets the requirements of operating rooms. The absolute filter is very easy to replace, from the front, by removing the perforated panel. These diffusers functionally solve situations where structural limitations do not allow any other solution.

Applications Operating rooms where, for reasons of size, a ceiling filter system cannot be installed.

Installation DIF-T diffusers are suitable for wall installation, in the upper part of the rooms. They can be connected to treated air feeding ducts in three different ways:
• Side, the duct is flanged using the proper joint to one of the ends of the "S" diffuser
• Top, the duct is installed on the top of the diffuser where specific "T" openings must be made
• Back, the diffuser is installed on the back part of the duct, with relevant "B" openings to let the air pass through.

Type	Sizes (mm)				Nominal air flow rate Q.		Weight	
DIF -T	L	H	A	B	m³/h	m³/sx10⁻³	Kg	
42 H 1	750 x	430 x	260 x	145	300	83	17	
4 H 1	750 x	725 x	340 x	145	600	166	28	
92 H 1	1360 x	430 x	260 x	145	600	166	33	
9 H 1	1360 x	725 x	340 x	145	1200	333	52	
33 H 2	1705 x	430 x	260 x	145	750	208	40	
34 H 2	2010 x	430 x	260 x	145	900	250	47	
7 H 2	1705 x	725 x	340 x	145	1500	417	65	
8 H 2	2010 x	725 x	340 x	145	1800	500	78	

1 m³/s x 10⁻³ = 1 l/s

Size

filtration