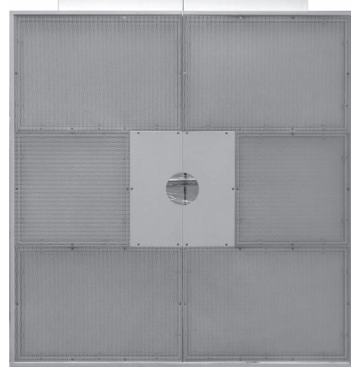


KTF



Filtration ceiling

Product description

The filtration ceiling is an air diffusion component for high-efficiency one-way airflow filtration, in compliance with all applicable hospital regulations. The **KTF** filtration ceiling adapts to operational risk blocks 3 and 4 as per S90-351. Complies with ISO 5 class for ambient air quality in operating theaters, as per EN-ISO-14644-1 and leak tests as per ISO 14644-3.

High-efficiency H14 or H15 filters in standard sizes. The filters have a low profile, around 68 mm. These components have the advantage of low pressure drop (100 Pa to 200 Pa at the end).

Finished

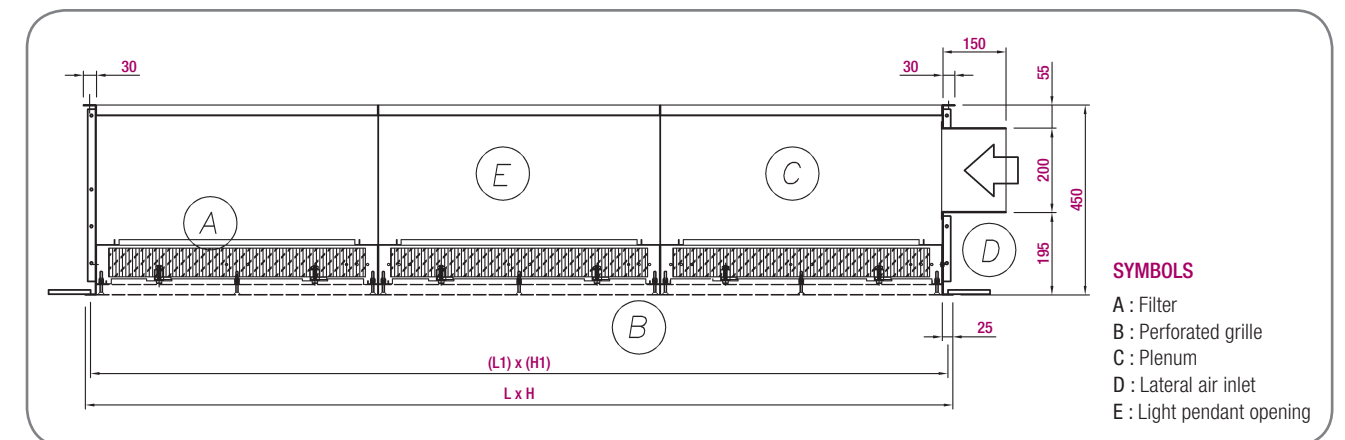
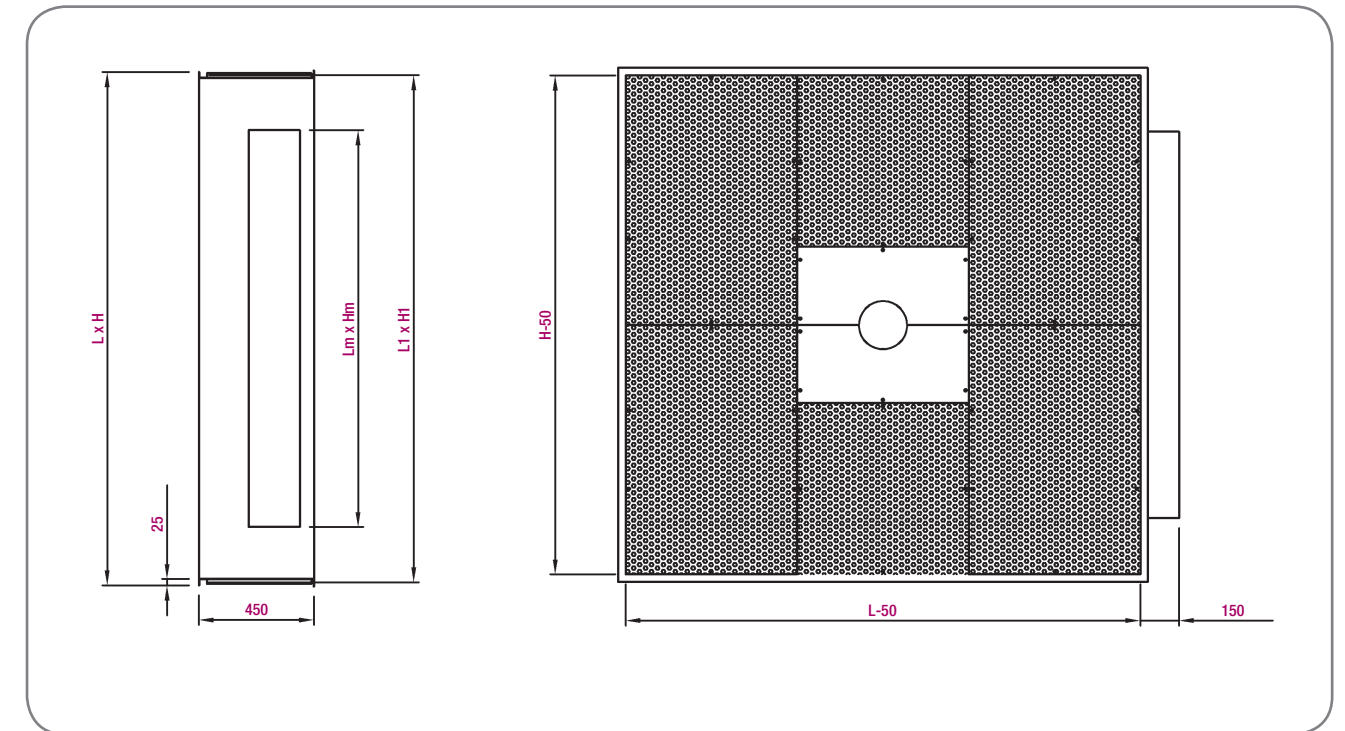
Plenum of galvanized steel sheet with white RAL 9010 epoxy paint. It is also available in aluminum and stainless steel AISI-304. Manufactured in various sizes. In order to ensure airtightness, the plenum is perfectly flat and water-proof, which help improve perimetral sealing without leaks at the corners. In addition, it is fitted with a pressure tap device. The supply grille is manufactured from perforated steel plate, with a perforation rate of 50%.

Selection table

Model	Velocity at filter outlet (m/s)		
	0.2	0.3	0.4
2.5 x 1.5	1987	2754	3672
2 x 2	2385	3305	4406
2.5 x 2	3146	4361	5814
3 x 2	3577	4957	6610
2.5 x 2.5	4140	5738	7650
3 x 2.5	5117	7092	9455
3.5 x 3	6677	9253	12338
4 x 3	7949	11016	14688

Supply air flow (m³/h)

General dimensions



- SYMBOLS**
- A : Filter
 - B : Perforated grille
 - C : Plenum
 - D : Lateral air inlet
 - E : Light pendant opening

Model	Hole		Total dimension L x H x A	Spigot Lm x Hm	No. of parts
	L1	H1			
2.5 x 1.5	2680	1280	2730 x 1330 x 450	1000 x 200	1
2 x 2	2010	1950	2060 x 2000 x 450	1550 x 200	2
2.5 x 2	2560	2010	2610 x 2060 x 450	1550 x 200	2
3 x 2	2925	2010	2975 x 2060 x 450	1800 x 200	2
2.5 x 2.5	2680	2620	2730 x 2670 x 450	2100 x 200	2
3 x 2.5	3230	2680	3280 x 2730 x 450	2350 x 200	4
3.5 x 3	3350	3230	3400 x 3280 x 450	2950 x 200	4
4 x 3	4020	3230	4070 x 3280 x 450	3580 x 200	4

Unit mm