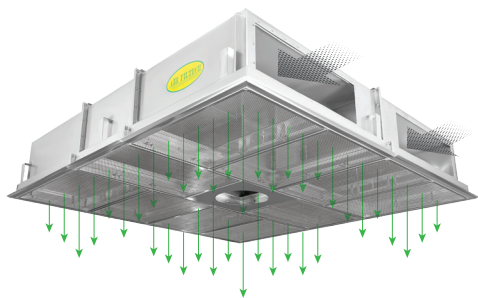


LamiHosp 2



Application: Unidirectional (Laminar) flow ceiling for operating room

Construction: Stainless steel SS304/SS430 or powder coating steel (CSP)

Thickness: Housing: ~1.5mm, Grille/diffuser: ~1.2mm

Test connector: 1 test connector accessible from the operating room to measure the loss of pressure and to take Test Aerosol samples

Filter replacement: In room side, quick clamping device by prepositioned un-losable

Housing air tightness at 450Pa: Class B according to NF EN 1886:1998, Class L1 (M) according to PR EN 1886:2003, Class C according to PR EN 12237:2003

Gasket air tightness at 450Pa: Less than 10^{-4} (0.01%) according to ISO EN 14644-3

Option: Rigid air flow guides

Grilles/Diffusers: Perforated grid Ø8mm, 70% free area for aeration easily.

Type	Int. size (mm)	Ceiling area/ filter cleaned area (m²)	Air flow (m³/h)			Clean room class 40-45m²	HEPA/ULPA filter			
			0.25 m/s	0.3 m/s	0.45 m/s		560 x260 x69	560 x560 x69	560 x860 x69	560 x1165 x69
Lighting Series										
LH 1L	1815x1210x405	2.23/1.62	1,436	1,723	2,585	-	2			2
LH 1.5L	1820x1810x405	3.35/2.60	2,298	2,757	4,136	-		2	4	
LH 2L	2420x1815x405	4.47/3.59	3,150	3,780	5,670	ISO7		2	6	
LH 3L	2420x2420x455	5.96/4.92	4,320	5,184	7,776	ISO7			10	
LH 3.5L	3030x2420x455	7.45/6.29	5,580	6,696	10,044	ISO6-7			2	8
LH 4L	3027x3027x455	9.31/7.97	7,020	8,424	12,636	ISO6-7				12
Non - Lighting Series										
LH 1	1815x1210x405	2.23/1.99	1,792	2,151	3,226	-				3
LH 1.5	1812x1815x405	3.35/2.95	2,654	3,185	4,778	-			6	
LH 2	2420x1812x405	4.47/3.93	3,539	4,247	6,370	ISO7			8	
LH 3	2422x2420x455	5.96/5.31	4,780	5,736	8,604	ISO7				8

*Other sizes available on request

LH 1L	LH1.5L, LH 2L LH 3L & LH 3.5L	LH 4L	LH 1	LH 1.5 , LH 2 , LH 3