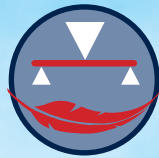


HOSP-TL

OPERATING THEATRES
CEILINGS



KEY POINTS



Rigid and light modular structure



Standard HEPA filters



Easy to install



Seal guaranteed by two-component gel



The Operating Theatres Ceilings of the HOSP-TL series are the simplest and most economical solution for the creation of waterproof laminar flow systems especially for operating theatres. The grill, made of strong extruded anodised aluminium profiles assembled on T and L cross joints in die cast aluminium, is designed to house the absolute filters of the “Knife” series: the blade of the filter and the perimeter of the pressurisation plenum are sunk in the gel contained in the hollow of the profile. Easy installation and maintenance, they are available in eight different forms.

APPLIANCES

Hospital and Veterinary Industry.



COMPONENT'S DESCRIPTION



Profile: made of extruded aluminium alloy and it has a reduced width (50 mm) which allows for a 2% increase of the filtering surface as against the usual profiles with a 60 mm width.

Junctions: made of die-cast aluminium alloy.

Plenum: Aisi 304 stainless steel plate plenum, bent and strengthened to prevent mechanical resonance, welded and sealed on all the joints. Complete with flanges for connecting the air adduction pipes and diffuse nozzles.

Sealing gel: two-component gel with low viscosity and good resistance to heat

Distributor: micro-perforated in AISI 304 stainless steel

TERMINAL FILTERER:

HOSP-KN Version

Absolute filter: knife type with low pressure drop, class H14, U15 or U16, according to EN1882:2009, frame thickness 66 mm. HOSP-UG Version Frame

HOSP-UG Version

Frame of the base of the seat of the absolute filter constructed in extruded anodised aluminium profile. The shape of the profile guarantees optimal seal of the filter and allows for rapid installation.

Absolute filter U Gel type, with low pressure drop, class H14, U15 or U16, according to EN1882:2009, frame thickness 66 mm

Anchorage kit which guarantees adequate anchorage of the absolute filter and the fixing of the lower plenum by means of special latches

Lower plenum to protect the absolute filter in stainless sheet steel with round perforations diam. 5 mm at 8 mm from each other.



OPTIONAL ACCESSORIES

- **Textile plenum:** composed of protective perimeter frame in stainless steel and protective filter cloth in single-filament polyester fabric.

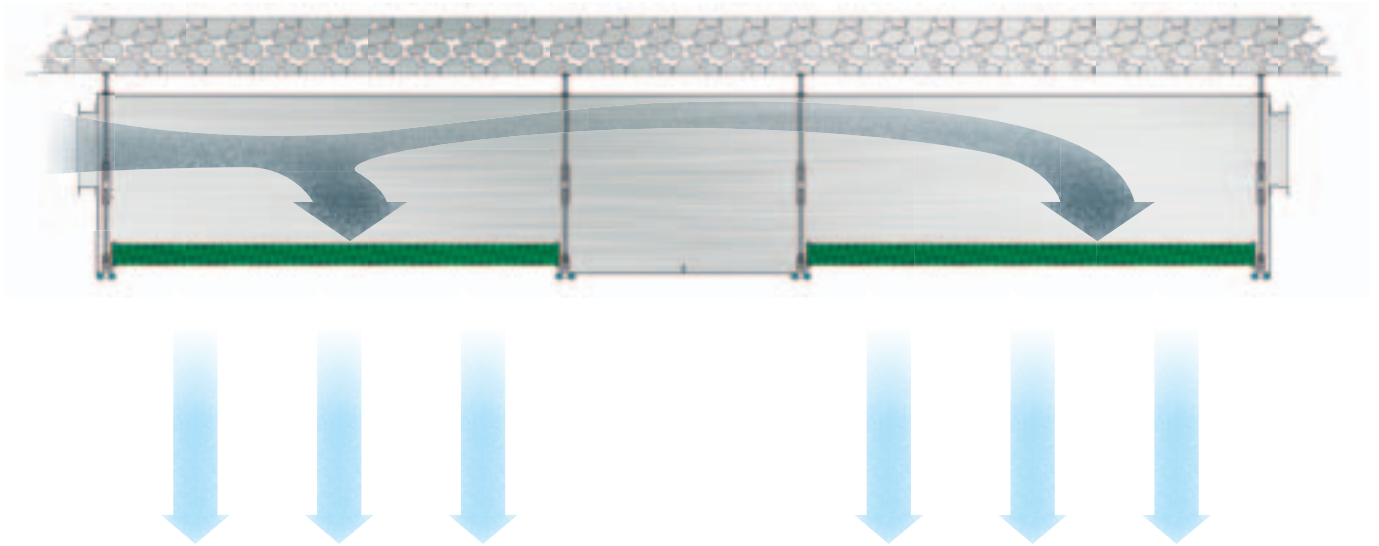
COUPLING FILTERS

TYPE	TIGHTNESS		EFFICIENCY			HEIGHT mm		
	DRY	WET	H14	U15	U16	66	90	110
13P26	●	●	●	●	●	●	●	●
13P32	●	●	●	●	●	●	●	●
19P19	●	●	●	●	●	●	●	●
20P26	●	●	●	●	●	●	●	●
20P32	●	●	●	●	●	●	●	●
26P26	●	●	●	●	●	●	●	●
26P32	●	●	●	●	●	●	●	●
33P32	●	●	●	●	●	●	●	●

- Available
- Not available



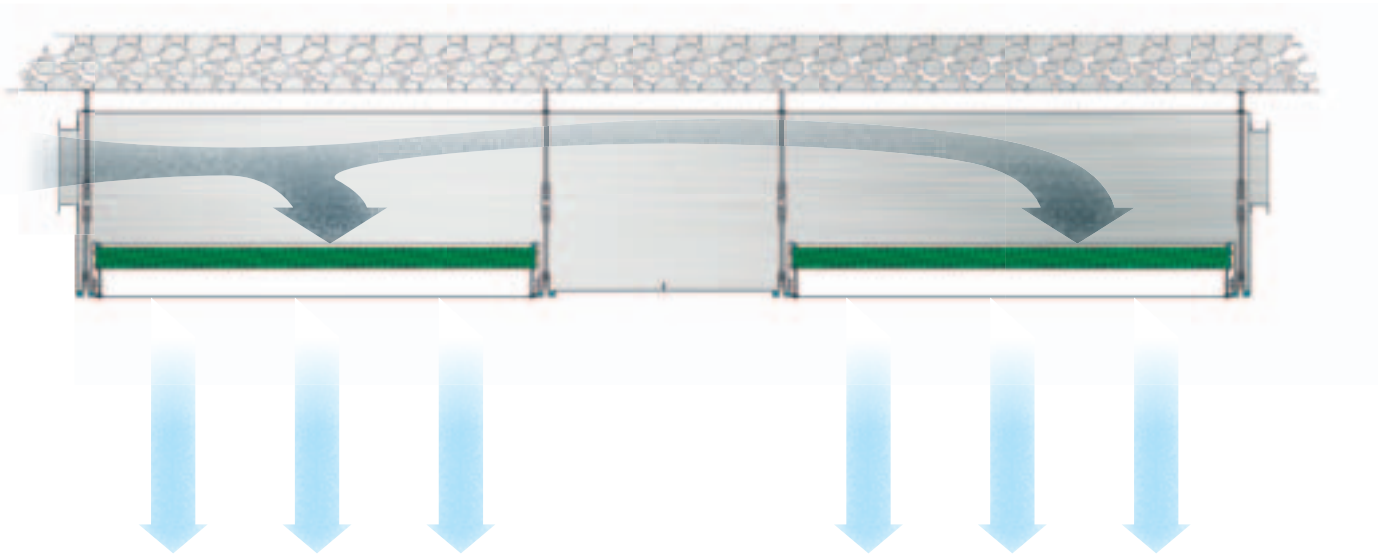
HOSP-KN VERSION



TECHNICAL DATA

TYPE	Dimensions mm	Cleanliness Class		Air volume	
	LxPxH	Under the O.T.	External to the O.T.	at/to 0,25 m/s (m ³ /h)	at/to 0,45 m/s (m ³ /h)
13P26KN	1.322x2.566x120	ISO5	ISO7	2.330	4.200
13P32KN	1.322x3.178x120	ISO5	ISO7	2.660	4.800
19P19KN	1.932x1.932x120	ISO5	ISO7	3.000	5.400
20P26KN	1.958x1.932x120	ISO5	ISO7	3.660	6.600
20P32KN	1.958x3.178x120	ISO5	ISO7	4.660	8.400
26P26KN	2.594x2.566x120	ISO5	ISO7	5.000	9.000
26P32KN	2.594x3.178x120	ISO5	ISO7	6.330	11.400
33P32KN	3.230x3.178x120	ISO5	ISO7	8.000	14.400

HOSP-UG VERSION

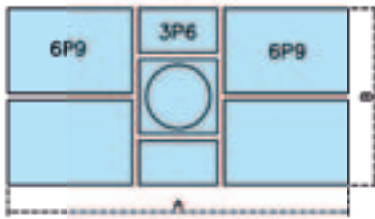


TECHNICAL DATA

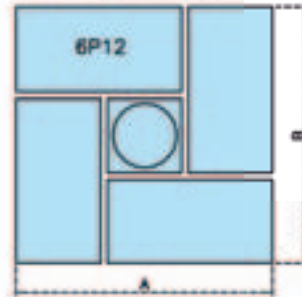
TYPE	Dimensions mm	Cleanliness Class		Air volume	
	LxPxH	Under the O.T.	External to the O.T.	at/to 0,25 m/s (m ³ /h)	at/to 0,45 m/s (m ³ /h)
13P26UG	1.374x2.646x410	ISO5	ISO7	2.340	4.220
13P32UG	1.374x3.256x410	ISO5	ISO7	3.020	5.420
19P19UG	1.984x1.984x410	ISO5	ISO7	2.680	4.820
20P26UG	2.036x2.594x410	ISO5	ISO7	3.670	6.640
20P32UG	2.036x3.256x410	ISO5	ISO7	4.690	8.440
26P26UG	2.698x2.646x410	ISO5	ISO7	5.000	9.050
26P32UG	2.698x3.256x410	ISO5	ISO7	6.360	11.450
33P32UG	3.360x3.256x410	ISO5	ISO7	8.040	14.460

CONFIGURATIONS

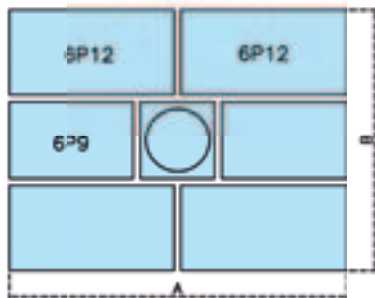
13P26



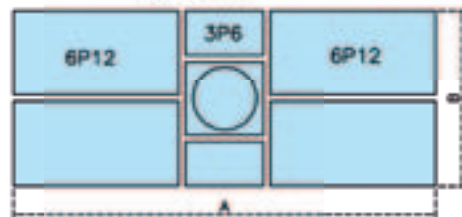
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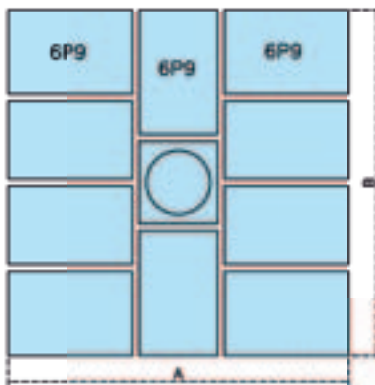
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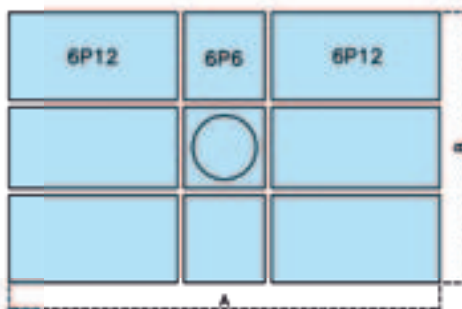
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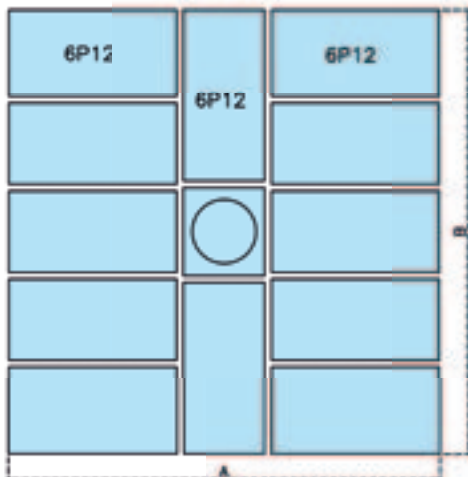
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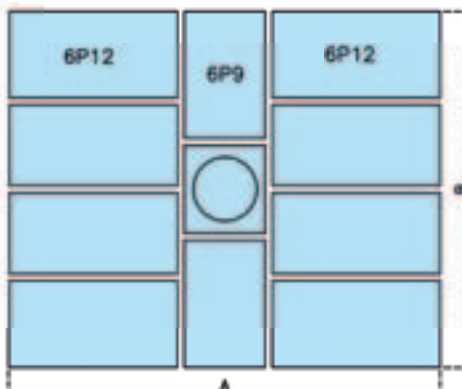
20P32



33P32



26P32



CLEAN ROOMS	DEDICATED SYSTEMS	CLEAN ROOM COMPONENTS	SPECIAL EQUIPMENT	PLANT
 MICROELECTRONICS	 PRINTED CIRCUITS	 FALSE CEILINGS	 AIR SHOWERS	 CONDITIONING
 ELECTRONICS	 BOTTLING	 MOTOISED FANS	 TRANSFER HATCHES	 SUCTION
 PHARMACEUTICAL	 HOSPITALS	 WALLS	 CLEAN CABINS	 AIR DUCTING
 HOSPITALS	 PHARMACEUTICAL	 FLOATING FLOORS	 DUST REMOVAL	
 BOTTLING	 FOOD	 CEILING FIXTURES	 CHANGING ROOM FITTINGS	