



## LAMINAR AIR FLOW SYSTEM - HOSP-TL



The Operating Theatres Ceilings of the HOSP-TL series are the simplest and most economical solution for the creation of the 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.

---

**SKU:** N/A



# PRODUCT DESCRIPTION

## 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 (m³/h)	at/to 0,45 m/s (m³/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

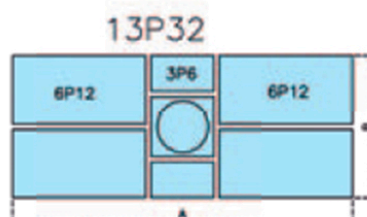
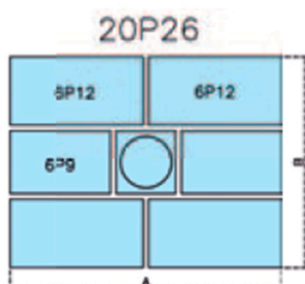
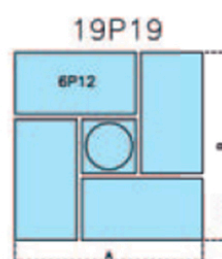
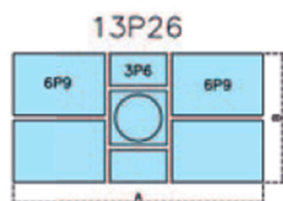


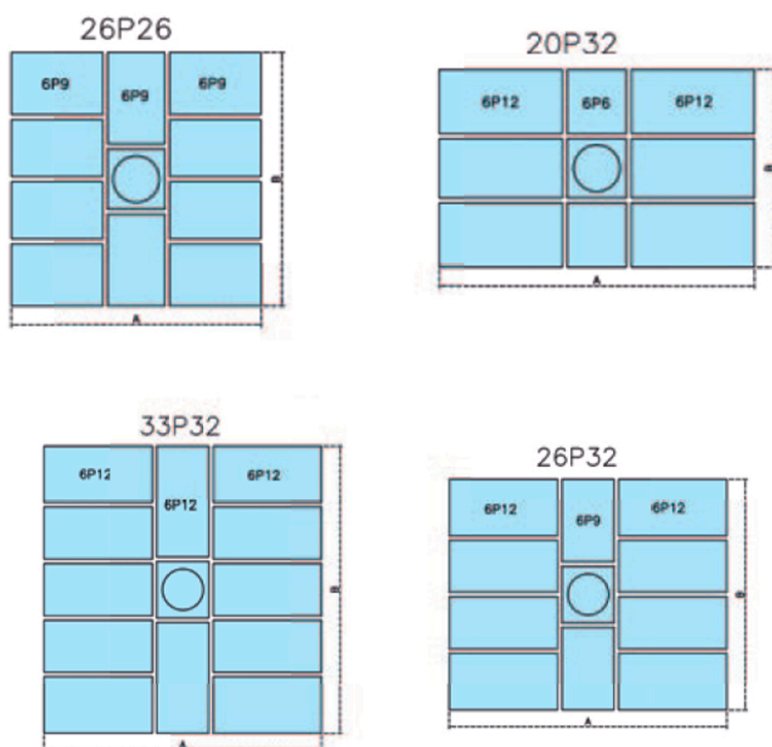
## Coupled Filters

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

- Available
- Not available

## Configurations





## Applications

Hospital and Veterinary industry.

## Components' 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.





