



ATRITech
CLEAN AIR IS OUR EXPERTISE

RSR TERMINAL HOOD FILTER

Specifications

- Optimized velocity distribution
- Changeable filter dimension 35mm less than unit
- Low pressure drop, less energy consumption
- With individual test certificated
- Guaranteed leak-free
- Factory sealed unit filter
- Unit with gel gasket filter (104mm depth)
- Interchangeable with existing filters
- Depth of module; 175mm (without spigot)
- Assembled without screws or fasteners
- Aluminium cover and spigot
- Emery (DOP) and ΔP nozzles included

Filter Class; H13 - H14 - U15

Media; High quality glass fibre

Sealing Compound; Two component polyurethane

Separators; Hotmelt

Frame type; Anodized, extruded aluminium

Flammability Class; K1/F1 for normal Temp.

Faceguard; Aluminium sheet, powder coated

Max. Final Pressure Drop; 600 Pa

Spigot Diameter; 160-200-250-315mm

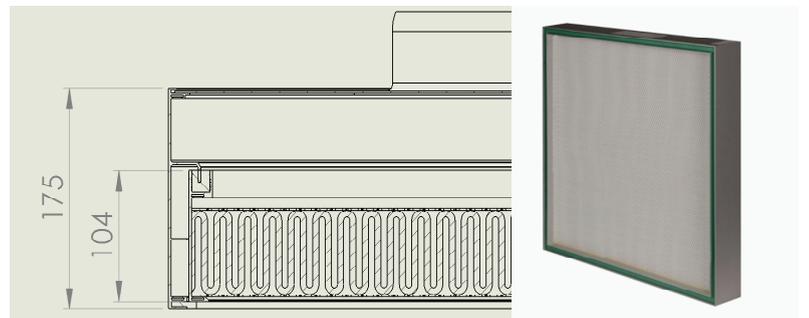
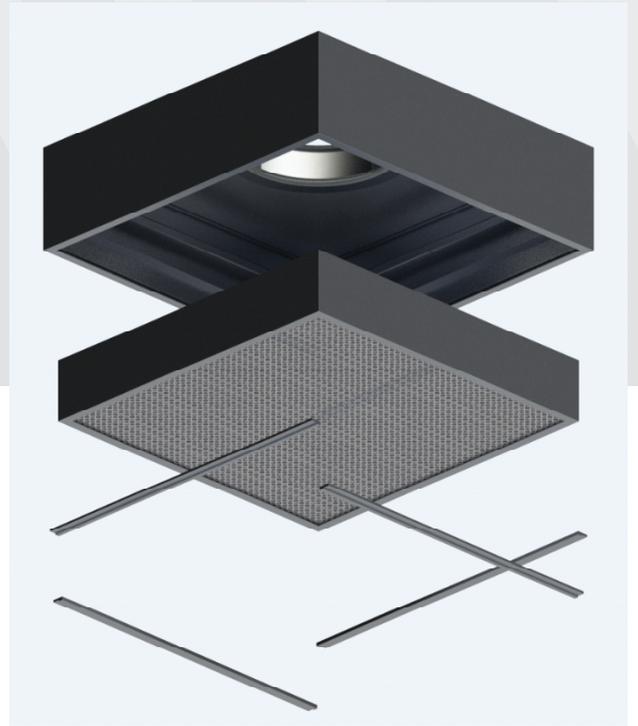
Max. Operating Temperature; 75°C

High-efficiency HEPA Terminal Hood filters protect people, equipment and processes from airborne particulate contamination. HEPA Terminal Hood filters are used in air ventilation and air conditioning plants requiring high or very high levels of air purity. They are designed for clean room ceilings and clean work tables to provide laminar flow.

Applications: Industrial processes like microelectronics, medicine, pharma, the food industry, microbiology, chemistry, laboratories, hospital and hospital operating theatres, laminar flow boxes, nuclear energy and nuclear research.

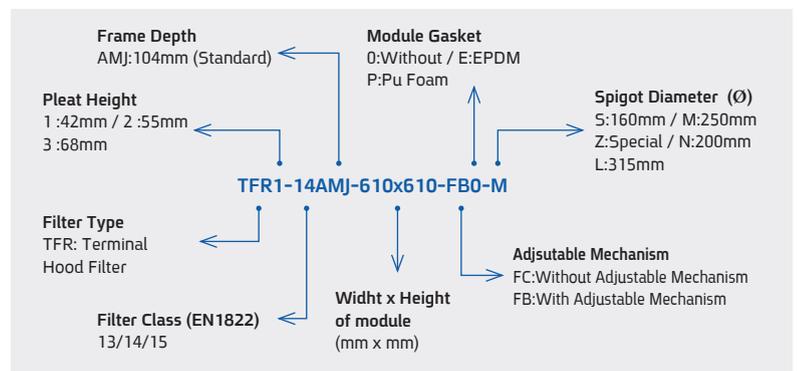
Note: Add 15Pa to initial resistance for hood construction.

Filtration area and pleat height designed with the optimum value are more important for performers of filters. The filters having high pleat height offer a good solution with lower operating costs and significantly reducing energy consumption.



Filter Pleat	Pleat Height (PH-...)(mm)	Pleat Code	Filtration area per m ² face area	Filter Class (EN1822)	Pack resistance @ nominal air velocity (0,45m/s)	Available Frame Code for pleat	Available Frame Depth for pleat (mm)
	42	N	24,2	H13	100	AMJ	104
			25,3	H14	125		
			26,9	U15	140		
	55	J	28,8	H13	90	AMJ	104
			30,4	H14	115		
			32,2	U15	130		
	68	M	33,4	H13	85	AMJ	104
			35,2	H14	100		
			37,6	U15	115		

Other pleat heights are available for special applications.





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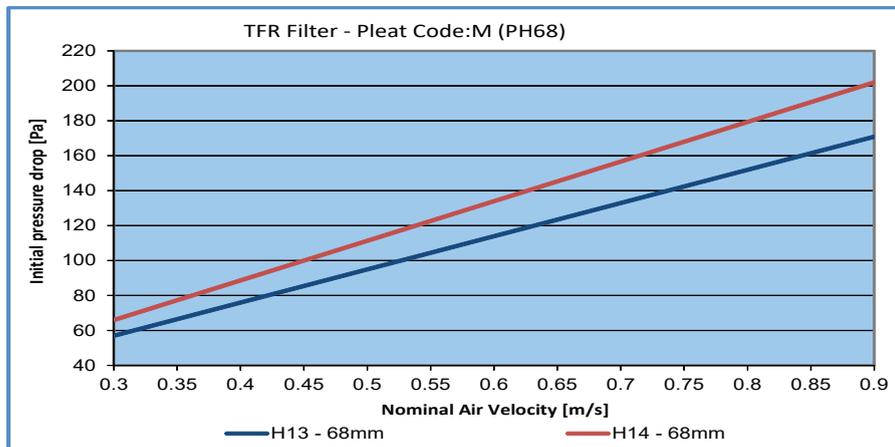
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(AMJ;104MM - PH;68MM; STANDARD)

Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
TFR3-13-AMJ-305x305-FB0-M	H13	305x305x104	3.1	68	150	85
TFR3-13-AMJ-305x610-FB0-M	H13	305x610x104	6.2	68	300	85
TFR3-13-AMJ-457x457-FB0-M	H13	457x457x104	7.0	68	340	85
TFR3-13-AMJ-610x610-FB0-M	H13	610x610x104	12.4	68	600	85
TFR3-13-AMJ-610x762-FB0-M	H13	610x762x104	15.5	68	750	85
TFR3-13-AMJ-610x915-FB0-M	H13	610x915x104	18.6	68	900	85
TFR3-13-AMJ-610x1220-FB0-M	H13	610x1220x104	24.8	68	1200	85
TFR3-14-AMJ-305x305-FB0-M	H14	305x305x104	3.3	68	150	100
TFR3-14-AMJ-305x610-FB0-M	H14	305x610x104	6.6	68	300	100
TFR3-14-AMJ-457x457-FB0-M	H14	457x457x104	7.4	68	340	100
TFR3-14-AMJ-610x610-FB0-M	H14	610x610x104	13.1	68	600	100
TFR3-14-AMJ-610x762-FB0-M	H14	610x762x104	16.4	68	750	100
TFR3-14-AMJ-610x915-FB0-M	H14	610x915x104	19.7	68	900	100
TFR3-14-AMJ-610x1220-FB0-M	H14	610x1220x104	26.7	68	1200	100
TFR3-15-AMJ-305x305-FB0-M	U15	305x305x104	3.5	68	150	115
TFR3-15-AMJ-305x610-FB0-M	U15	305x610x104	7.0	68	300	115
TFR3-15-AMJ-457x457-FB0-M	U15	457x457x104	7.9	68	340	115
TFR3-15-AMJ-610x610-FB0-M	U15	610x610x104	14.0	68	600	115
TFR3-15-AMJ-610x762-FB0-M	U15	610x762x104	17.5	68	750	115
TFR3-15-AMJ-610x915-FB0-M	U15	610x915x104	21.0	68	900	115
TFR3-15-AMJ-610x1220-FB0-M	U15	610x1220x104	28.0	68	1200	115

* Other Dimensions are available on request.



TFR3-14-AMJ-610x610-FB0-M		
Filter Model	Hepa Ceiling	TFR
Pleat Code	PH:68mm	3
Filter Class	H14 (EN1822)	H14
Filter Depth	104mm	AMJ
Filter Dimensions	WxH (mm)	610x610
Adj. Mechanism	With	FB
Gasket type	Without	0
Spigot Diameter	PH:250mm	M