

TripleAir FSTH PLENUM

TripleAir FLUIDSEAL TERMINAL HOOD housing is an airtight ceiling filter module, designed for use in turbulent mixing cleanrooms where high quality HEPA-filtered air is required. Room-side change of the HEPA filter element ensures the integrity of the ceiling and duct connection. A gel seal, replaceable HEPA filter provides absolute airtightness and a positive seal between the filter element and the housing.

Typical applications include supply and extract systems for:

- Pharmaceutical Production and Biotechnology Labs
- Hospitals and Healthcare facilities
- Optical Industries
- Food and Beverage processing

TripleAir FLUIDSEAL TERMINAL HOOD housings are manufactured from mild steel and finished with an epoxy powder coating to white RAL9010. A differential pressure connection is included for room-side testing, and hanging lugs on top for suspension. The unit has a concealed grille fixing and can be fitted with swirl, variable draft, 4-way throw or perforated plate diffusers. Installation of the diffuser is done via the filter clamping bar, which is accessed through a removable centre core. Filter installation is carried out from the cleanroom side, and can easily be achieved by one person.

TripleAir FLUIDSEAL filters are utilized which feature an integral groove filled with a non-outgassing polyurethane gel, which ensures an airtight seal with the housing. Available in classification ranges from E11-U17 in accordance with EN1822.

For detailed product information, dimensions and technical specifications see return page or visit tripleair-technology.com



Air Filtration Technology

TripleAir Technology is an experienced supplier of Hepa (High Efficiency Particulate Air) and Ulpa (Ultra Low Penetration Air) filters. The result is clean air, safe for humans, product safety, processes and the environment. TripleAir Technology's main mission is to design, development and delivery of air filtration systems. In our product offering high quality and a reasonable price go hand in hand.

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Technical Data

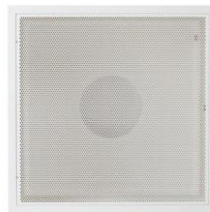
Style code	Nominal Module Dimensions (mm)		Top Inlet (mm)	Side Inlet (mm)	Inlet (mm)	Filter Dimensions (mm)		
	Width	Length	Height	Height	Ø	Width	Length	Height
TA-FSTH-T-321-321-438-160-P-1	321	321	346		160	305	305	80
TA-FSTH-S-321-321-486-160-P-1	321	321		486	160	305	305	128
TA-FSTH-T-473-473-488-200-P-1	473	473	346		200	457	457	80
TA-FSTH-S-473-473-536-200-P-1	473	473		536	200	457	457	128
TA-FSTH-T-567-567-488-200-P-1	567	567	346		200	550	550	80
TA-FSTH-S-567-567-586-250-P-1	567	567		586	250	550	550	128
TA-FSTH-T-626-626-488-200-P-1	626	626	346		200	610	610	80
TA-FSTH-S-626-626-586-250-P-1	626	626		586	250	610	610	128

Style code

TA-FSTH-"inlet position"- "w"- "l"- "h"- "inlet ø"- "options"- "diffuser"

	Code	Description
Inlet position	T	Top Inlet
	S	Side Inlet
Options	O	No options
	P	delta P
Diffuser	0	No diffuser
	1	Fixed drall
	2	Perforated plate
	3	Variable drall
	4	4-way

1. The height of the module is based on type and ø of inlet
2. 15 mm flange undrilled
3. Standard supplied with a FLUIDSEAL H14 Filter Accordance EN1822
4. Other sizes are available upon request
5. Please add 15 Pa for internal pressure drop inside the housing



TripleAir Technology maintains a policy of continuous product research and improvement, and retains the right to change product specification and design without notice.
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