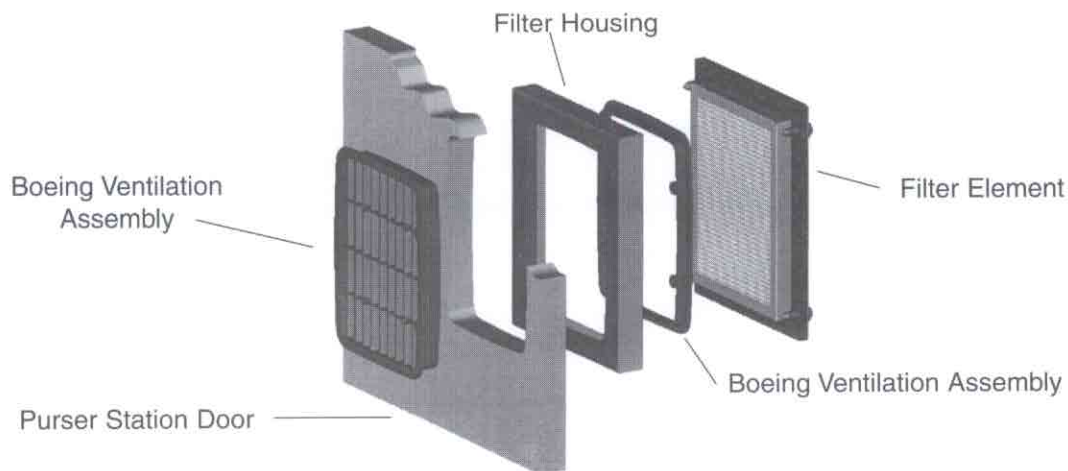




Donaldson In-Flight Entertainment Filters For Boeing Ventilation Louver Assembly

Problem: The new In-Flight Entertainment (IFE) equipment enclosed in the Purser Station has experienced reliability and safety problems caused by dirty components. The initial solution of increased vacuuming has not been ideal.

Preferred Solution: Donaldson In-Flight Entertainment (IFE) Filters.



Donaldson In-Flight Entertainment (IFE) filters protect your IFE equipment from contamination that causes reliability problems. The IFE filter housing and filter element mount directly onto the Purser Station's Ventilation Louver Assembly. The filter housing permanently attaches inside the Purser Station to the louver assembly. The filter element attaches to the filter housing with simple push button fasteners.

The filter element is a low cost, light weight filter that is constructed with low resistance glass fiber filter media and a cardboard frame. The estimated service life for the filter element is 800 flight hours. Donaldson IFE Filters are a cost-effective way to reduce labor costs and improve equipment reliability. Both the filter housing and filter element meet Boeing and FAA performance and flammability requirements.

Donaldson Part Number	Description	Weight	Boeing Ventilation Assembly Part Number	Size of Boeing Ventilation Assembly
P198492	Filter Housing	0.25 lb. (114g)	439W3234-2/-3	5.4" x 7.0" (137mm x 178mm)
P198182	Filter Element	0.25 lb. (114g)		
P198595	Filter Housing	0.25 lb. (114g)	439W3234-5	4.1" x 5.2" (104mm x 132mm)
P198600	Filter Element	0.15 lb. (68g)		

All filters are Boeing approved and have FAA-PMA

Donaldson In-Flight Entertainment Filters For Boeing IFE Ventilation Systems

At Boeing request, Donaldson has designed special filters for Boeing In-Flight Entertainment (IFE) Ventilation Systems. The IFE ventilation system provides clean air to cool the IFE equipment. Donaldson IFE filters clean the air in the ventilation system, improving equipment performance. The filters are designed to meet Boeing performance requirements. The estimated service life of the filter is 800 flight hours.

Donaldson Part Number	Boeing Part Number	Size
AB1484253	AB1484253	16" x 20" x 0.62" 407mm x 508mm x 16mm
P198481	P198481	9.5" x 17.5" x 0.62" 241mm x 445mm x 16mm

All filters are Boeing approved and FAA-PMA.



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