

# **ACTIVATED CARBON FILTER MEDIA**

## **WORLDWIDE**

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June 2004  
(extensively updated August 2007)

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Article “AIRBORNE MOLECULAR CONTAMINATION CONTROL, AND THE EFFECT OF FILTER MEDIA TECHNICAL PARAMETERS.”

Article: “DETERMINATION OF LOW CONCENTRATION AND DESORPTION PERFORMANCE OF GAS/ODOR CABIN AIR FILTERS  
 “ ACTIVATED CARBON: ADVANCED TEST METHODS” July/August 2006

## **SUMMARY & HIGHLIGHTS**

### **Market Size**

Although we have assessed this market, it is still difficult. Few companies seem to follow the market closely and except for knowing their own activity they are not well informed about other concepts from their competition. We do believe, however, that at the current time the “automotive cabin air filter” market is the largest segment for A.C. filter media, and also the fastest growing. We have very accurate market figures from Europe, North America and Asia/Pacific for this application. ( Special Report : AUTOMOTIVE CABIN AIR FILTERS WORLDWIDE.)

Europe should have a market for HVAC and related applications of € - MM, and the cabin air market is by far the largest segment in Europe representing currently at least € MM for filter media alone. Converted Euros to US dollars that would be a special market of approximately \$ MM. (€ 1.00 = \$ 1.35)

Asia/Pacific, particularly in Japan, air purifiers consume at least \$ – MM. Activated carbon media and filters, the second largest application, is represented with cabin air filters, particularly in Japan and Korea at \$ MM. We believe that in

China, Taiwan and other countries another potential for \$ – MM exists. Total market for cabin air filters in Asia/Pacific approximately \$ MM.

Total world market approximately \$ MM for activated carbon filter media. The following applications are currently major users of activated carbon filter media with different demands and different market sizes.

- HVAC – Industrial/Commercial, Residential
- Appliances – Kitchen Hoods
- Air Purifiers
- Automotive
  - Cabin Air Filtration, Crank Case Ventilation, Fuel Tank Vapor/Barrier Filter
- Laser Surgery – Laser Fume Removal Fertility Clinics,
- Lithographic Systems

Potential Future Applications:

- Cabin Air – Commercial Airlines
- Off Road Vehicles
- Recreational Vehicles
- "Anthrax" (NBC – Nuclear, Biological, Chemical Warfare)

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