PRODUCT BULLETIN FOR

PURAFIL'S NEW MEDIAPAK™ DISPOSABLE PLASTIC MODULES

FIRST IN CLEAN AIR

PURAFIL

Purafil's newly designed PK-18 and PK-12 MediaPAK™ modules will help you **save energy, money and time** while improving indoor air quality, removing odors and preventing corrosion. These new designs feature a durable, adhesive-free construction with highly aerodynamic airfoil screens, easy access sampling ports and the patented Posi-Track™ Purafil technology.

NEW PK-12 MODULE

Improved Airflow Distribution

Purafil's professional team of highly skilled scientists and engineers have created an aerodynamic airfoil screen design to reduce resistance to air flow and improve air distribution. This enhancement provides a lower pressure drop, thus saving you energy costs.

Optimized Filtration Efficiency with Virtually Zero Bypass

The Posi-Track™ self-sealing technology, flat frame design and tongue and groove module notching secures a tight seal between module to module and module to housing. These features eliminate the need to add gasket material.

Zero Offgassing From Adhesives or Gaskets

The new module construction is adhesive-free and gasket-free, ensuring no offgasing from these materials.

Easy Replacement or Retrofit

Purafil's new modules can be inserted into existing module or cassette based equipment. The product label QR Code (or web address) provides a quick link to Material Safety Data Sheets (MSDS) and product information, making reordering less time consuming.

Easy Sampling

The sampling port is easy to remove with coin or straight edge, allowing you to effortlessly take advantage of Purafil's free media life analysis testing services. This can save you money and time by providing an estimated media replacement date so you can use the module to its fullest extent and avoid prematurely reordering.

Higher Contaminant Removal

Purafil's proprietary manufacturing innovations ensure that the media has a high pore structure to absorb more contaminants than other comparable products. Full utilization of the media coupled with higher removal capacities results in fewer change-outs with less maintenance time and cost.

Purafil, Inc. • 2654 Weaver Way, Doraville, Georgia, 30340, U.S.A. • www.purafil.com • tel: (770) 662-8545 • (800) 222-6367

NEW PK-12 MODULE

THE FRONT ACCESS MODULE-BASED SYSTEM

CORROSIVE AIR UNIT OPTIONAL MODULE-BASED SYSTEM

PURAFIL SIDE ACCESS OPTIONAL MODULE-BASED SYSTEM

ADDITIONAL PRODUCT ADVANTAGES

Factory-Filled Performance

Purafil's MediaPAK modules are factory-filled with your choice of engineered dry-scrubbing media. During Purafil's unique manufacturing process, each module is placed on a media settling table to ensure a packed bed thus preventing bypass of contaminanted air within the module. This product is manufactured at Purafil's global headquarters under the ISO 9001:2008 quality management system.

Rigid and Durable Construction

The MediaPAK modules are constructed of High Impact Polystyrene (HIPS), making them suitable for varying climates and environmental conditions. The module's rigid frame eliminates the possibility of bowing, which has been reported to cause air bypass in competitive systems. This provides maximum system efficiency throughout the life of the media.

Environmentally Friendly

MediaPAK modules are constructed of 100% recyclable plastic. The module contains your choice of Purafil dry chemical media, which is non-toxic and non-hazardous as supplied.

Easy to Handle and Lift

Each module is designed as two half units, making it easy to lift and install.

Pictured: Two PK-18 half units which make up one whole module.

Disposal Instructions

To recycle the MediaPAK module, first discard spent media. Take the empty module to a local recycling facility. To dispose of the entire module, including media, Purafil advises you to follow local, state, province and/or national regulations.

UL Classified *See complete marking on product.*

Nominal Size *(Full Unit Consisting of Two Halves)*

PK-18: 24" wide x 6" high x 18" deep (610 x 152 x 457mm)

PK-12: 24" wide x 12" high x 12" deep (610 x 305 x 305mm)

Media Volume

PK-18 contains 0.5ft^3 (0.014 m^3) and PK-12 contains 1.0 ft3 (0.028m^3) of the user's choice of Purafil dry chemical media.

Filter Medium Bed Depth

PK-18: 1" (25.4 mm)

PK-12: 3" (76.2 mm)

Pressure Drop

MediaPAK modules factory-filled with Purafil's granular media were chosen at random from stock and submitted for full-scale testing by an independent laboratory following the procedures and guidelines of ASHRAE Standard 52.2-2010 *"Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size."* Purafil's Posi-Track™ technology and flat frame design requires no gaskets and virtually eliminates bypass. Competitive modules requiring gaskets and/or clips is an acknowledgment of inherent bypass.

PK-18: Not to exceed 0.405 IWG @ 500 ft/min (101 Pa @ 2.54 m/sec) face velocity

PK-12: Not to exceed 1.20 IWG @ 250 ft/min (299 Pa @ 1.27 m/sec) face velocity

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QUALITY MANAGEMENT SYSTEM CERTIFIED BY DNV ISO 9001:2008