

# PRODUCT BULLETIN

## 4 THE PK-18 MEDIAPAK™ DISPOSABLE PLASTIC MODULE




**THE PK-18 MEDIAPAK™ DISPOSABLE PLASTIC MODULE** is maintenance-free and comes to you ready to be installed. When the media is spent the old module is simply replaced with a new one; no tools are required. The MediaPAK™ module slides easily into and out of the system on tracking.



PK-18 MODULE

### SPECIFICATIONS

**UL RATING:** UL Classified Class 2

**FRAME:** 100% recyclable plastic

**NOMINAL SIZE:** 24.0" wide x 6.0" high  
x 18.0" deep (610 x 152x 457mm)

**MEDIA VOLUME:** contains 0.5ft<sup>3</sup> (0.014 m<sup>3</sup>) of the user's choice of Purafil dry chemical media

**FILTER MEDIUM BED DEPTH:** 1" (25.4 mm)

**PRESSURE DROP:** Not to exceed 0.525 IWG @ 500 ft/min (131 Pa @ 2.54 m/sec) face velocity

#### TOTAL MODULE WEIGHT WITH MEDIA:

*Purafil SP Media: 32 lbs/14.5 kg*

*Purafil SP Blend Media: 27 lbs/12.2 kg*

*Triple-Blend Makeup Air Media: 28 lbs/12.7 kg*

*Puracarb Media: 28 lbs/12.7 kg*

*Puracarb AM Media: 28 lbs/12.7 kg*

*Purakol Media: 22 lbs/10.0 kg*

*Chlorosorb II Media: 32 lbs/14.5 kg*

**AIRFLOW:** Designed for airflows up to 500 ft/min (2.54 m/sec) for one total module

**HUMIDITY:** 10-95% HR

**TEMPERATURE:** -4°F to 125°F (-20°C to 51°C)

### PRODUCT DESCRIPTION

The MediaPAK™ is factory-filled with your choice of Purafil dry-chemical media. During Purafil's unique filling process, each module is placed on a media settling table to ensure a packed bed and to prevent the possibility of air bypass. The MediaPAK™ offers effortless maintenance, there is no need to empty spent media, refill with new media, or vacuum to remove dust.

#### MODULE LIFE

The life of the media contained within a PK-18 module depends upon several factors: airflow, rates, gases present, gas levels and system size. The following are general guidelines for module replacement:

Commercial: 12 to 18 months

Light Industrial: 6 to 12 months

Heavy Industrial: 3 to 6 months

To ensure your system is functioning at optimum efficiency, contact your local Purafil representative for more information about Purafil's monitoring and media testing services.

### SYSTEM ADVANTAGES

#### RIGID AND DURABLE CONSTRUCTION:

The MediaPAK™ module is constructed of polystyrene plastic, making it suitable for varying climates and environmental conditions. The module's rigid frame eliminates the possibility of bowing, which could cause air bypass within the system. This guarantees maximum system efficiency throughout the life of the media.



**EASY TO HANDLE AND LIFT:** Each PK-18 module is designed as two units, making the overall module easier to lift.

**ENVIRONMENTALLY FRIENDLY:** The MediaPAK™ module is constructed of 100% recyclable plastic. The module contains your choice of Purafil dry chemical media, which is non-toxic and non-hazardous as supplied.

**DISPOSAL INSTRUCTIONS:** To recycle the MediaPAK™ module, spent media should first be discarded. You may then take the empty module to a local recycling facility. To dispose of the entire module, including media, Purafil advises you to follow local, state, and federal regulations.

**TAPER-FIT CLOSURE (TFC):** The PK-18 MediaPAK Module features the Taper-Fit Closure which offers a quickconnect positive mechanical seal that eliminates bypass. This ensures superior, trouble-free precision in every installation in every airstream, along with providing the highest, validated filtration efficiency on the market.

**INNOVATIVE POSI-TRACK™ TECHNOLOGY:** The PK-18 MediaPAK™ module is an integral part of Purafil's horizontal airflow systems, which features Purafil's Posi-Track™ self-sealing technology (patent-pending). The Posi-Track™ technology incorporates slanted tracking to support the MediaPAK™ modules via a corresponding angled notch in the module's frame. The weight of the module forces it against the channel and creates a positive seal with the tracking, preventing air bypass and increasing system efficiency.