

# PRODUCT BULLETIN

## 4 THE CK-12/24 MEDIAPAK™ DISPOSABLE PLASTIC MODULE




THE CK-12/24 MEDIAPAK™ DISPOSABLE PLASTIC MODULE is constructed of recyclable polystyrene plastic and features an integral one-inch header to fit any 12-inch headered filter section, box filter section or universal frame with no alterations to the air handling system.



CK-12/24 MODULE

### SPECIFICATIONS

**FRAME:** 100% recyclable plastic

**NOMINAL SIZE:** 12 x 24 x 12 inches (305 x 610 x 305 mm) and 24 x 12 x 12 inches (610 x 305 x 305 mm)

**MEDIA VOLUME:** contains 0.5 ft<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:** 0.6 IWG @ 500 ft/min (149 Pa @ 2.54 m/sec) face velocity

#### TOTAL MODULE WEIGHT WITH MEDIA:

*Purafil SP Media:* 35 lbs/15.9 kg  
*Purafil SP Blend Media:* 30 lbs/13.6 kg  
*Triple-Blend Makeup Air Media:* 34 lbs/15.4 kg  
*Puracarb Media:* 33 lbs/15.0 kg  
*Puracarb AM Media:* 33 lbs/15.0 kg  
*Purakol Media:* 25 lbs/11.3 kg  
*Chlorosorb II Media:* 35 lbs/15.9 kg

### APPLICATION PARAMETERS

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

**HUMIDITY:** 10 - 95% RH

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

### PRODUCT DESCRIPTION

The CK-12/24 Module is factory-filled with your choice of Purafil dry-chemical media and packaged in a protective plastic bag to ensure media integrity. The MediaPAK™ is disposable and requires no maintenance: no emptying, no refilling, no mess! Also, no tools are necessary for module installation or replacement.

### MODULE LIFE

The life of the media contained within a CK-12/24 module depends upon several factors: air-flow 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 Purafil representative for more information about Purafil's monitoring and media testing services.

### SYSTEM ADVANTAGES

#### INTEGRAL ONE INCH HEADER:

The CK-12/24 module is designed with an integral one-inch header and fits a 12-inch headered filter section, box filter section or universal frame with no alterations to the existing air handling system.

**HIGH EFFICIENCY:** The distinctive W-shaped design of the module's media bed increases contact time with gases, which optimizes removal efficiency, lowers pressure drop and minimizes energy costs.

### 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 media.

### 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.

### INNOVATIVE POSI-TRACK™ TECHNOLOGY:

The CK-12/24 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 modules' 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.

