purafil
Filtration Group®

PRODUCT BULLETIN

CK-12 AND CK-24 MODULES

SPECIFICATIONS	
Frame	Powder-coated steel
Nominal Size	12 x 24 x 12 inches (305 x610 x 305 mm) 24 x 12 x 12 inches (610x 305 x 305 mm)
Media Volume	Contains 0.5 ft^3 (0.014m3) of the user's choice of Purafil dry-chemical media
Filter Medium Bed Depth	1" (25.4mm)
Pressure Drop	0.6 IWG @ 500 ft/min(149 Pa @ 2.54 m/sec) face velocity

Total Module Weight with Media	
Purafil SP Media	45 lbs/20.5 kg
Purafil SP Blend Media	40 lbs18.2 kg
Triple-Blend Makeup Air Media	42 lbs/19.1 kg
Puracarb Media	43 lbs/19.5 kg
Puracarb AM Media	43 lbs/19.5 kg
Purakol Media	35 lbs/15.9 kg
Chlorosorb Ultra Media	43 lbs/19.5 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)

The CK-12 and CK-24 MediaPAK™ Modules are constructed of powder-coated steel and feature an integral one-inch header to fit any 12-inch deep headered filter section box filter section or universal frame with no alterations to the air handling system. The modules can be re-filled.

Product Description

The CK-12 and CK-24 modules are factory-filled with your choice of Purafil dry-chemical media and packaged in a protective plastic bag to ensure media integrity. The MediaPAK™ can be disposed after a single use or opened, emptied and refilled. Also, no tools are necessary for module installation or replacement.

Module Life

The life of the media contained within a CK-12 and CK-24 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 Purafil representative for more information about Purafil's monitoring and media testing services.

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System Advantages

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 powder-coated steel, 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.

Disposal Instructions: To recycle the MediaPAK™ module, the spent media should be discarded according to local, state, and federal regulations. In most applications, spent media is non-toxic and non-hazardous and can be treated as ordinary commercial waste. However, the use of an environmental testing laboratory may be required to make the proper determination. Empty modules may be refilled with Purafil media and reused or if damaged or no longer required, may be taken to a local metal recycling facility. To dispose of the entire module, including media, the applicable local, state and federal regulations must be followed.

Innovative Posi-Track™ Technology: The CK-12 and CK-24 MediaPAK™ module is an integral part of Purafil's horizontal airflow systems, which features Purafil's Posi-Track™ self-sealing technology. 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.

Purafil Inc. • 2654 Weaver Way, Doraville, GA 30340 • Office: 770.662.8545 • www.purafil.com

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