

# Tri-Dek® C

## Carbon Panel/Link Filters

### FEATURES

- Available in panel or link configuration
- Designed to remove particulate and gaseous contaminants
- MERV 8/9 particulate filtration
- Internal wire support
- Eliminates air bypass
- Fits in side, front or rear-access housings
- Available in four carbon loadings
- Available with carbon blends



### APPLICATIONS

- Commercial
- Healthcare
- Industrial plants
- Laboratories
- Institutional
- Disaster remediation
- IAQ problems

### GASEOUS AND PARTICULATE PANEL / LINK FILTER

Tri-Dek C features a unique and advanced carbon-to-fiber bonding method that allows for more precise carbon loadings and lower resistance. The net result for you is more carbon and a lower operating resistance for your money.

IAQ-related concerns and odor problems can arise quickly and last for varying periods of time. Tri-Dek C can be part of the solution to such problems because it easily fits into virtually any filter housing and can be simply interchanged with other medium efficiency particulate filters.

Tri-Dek C is available in a panel or linked-panel construction. Both options feature a layer of CarbonWeb® media sandwiched between two layers—primary and final—of polyester media. These layers are sealed around a wire ring for support. This unique combination of media offers removal of both particulates and gaseous contaminants.

The Tri-Dek C panel offers all of the advantages of traditional panel/link filters over pleated filters—elimination of air bypass, reduced shipping and handling, less damage, extended service life, etc.

Tri-Dek C offers MERV 8/9 efficiency on particulate (per ASHRAE Standard 52.2-1999), and is available in carbon loadings of 45, 300, 345 and 600 grams per square foot.

To provide the maximum effectiveness for a large variety of odor/gas applications Tri-Dek C is available with alternatives to the standard granular activated carbon media. These alternatives include carbon and impregnated alumina blend or blend of zeolite, carbon and impregnated alumina.

# Tri-Dek® C

## Technical Specification

### ONE OF THE GREATEST ENVIRONMENTAL CHALLENGES

Scientists tell us that indoor air pollution is among the top five environmental problems in the world.

Most people spend up to 90% of their time indoors. Under normal conditions, indoor air contains two to five times more harmful particles than outdoor air, while the use of synthetic materials and chemical cleaning products can raise the level of indoor pollutants to over 100

times greater than those found outdoors. At the same time, today's "tight" buildings permit less fresh air to enter, permitting the concentration of pollutants to rise dramatically.

Air filters are our defense against these pollutants, helping us meet one of the greatest environmental challenges that we face.

### TECHNICAL SPECIFICATIONS

Product	GAC Wt. Grams	Nominal Thickness	Initial 300 FPM	Resistance 500 FPM	Avg. Arrestance @ 500FPM	MERV Rating	Particulate Capacity	Final Resistance
Light Duty	45 sq. ft. (485 gr/m <sup>2</sup> )	1 inch	0.14 "W.G.	0.30 "W.G.	80-85%	8	200 grams	1.0 "W.G.
Medium Duty	300 sq. ft. (3225 gr/m <sup>2</sup> )	2 inch	0.23 "W.G.	0.55 "W.G.	80-85%	8	200 grams	1.2 "W.G.
Heavy Duty	345 sq. ft. (3710 gr/m <sup>2</sup> )	2 inch	0.31 "W.G.	0.65 "W.G.	85%+	9	200 grams	1.2 "W.G.
Ultra Duty	600 sq. ft. (6450 gr/m <sup>2</sup> )	2½ - 3 inch	0.80 "W.G.	N/A	80-85%	8	200 grams	1.2 "W.G.

Tri-Dim Filter Corporation is committed to continual product development - all descriptions, specifications and performance data are subject to change without notice. Tri-Dim products are manufactured to exacting criteria - there can be a ±5% variance in filter performance.

#### LOCAL REPRESENTATIVE