



**GAS PHASE
AND
PARTICULATE
CUBE
FILTERS**

FEATURES:

- ☑ **Extended Surface Cube Design**
- ☑ **Designed to Remove Particulate and Gas Phase Contaminates**
- ☑ **MERV 7 Particulate Filtration**
- ☑ **Moisture Resistant - Internal Wire Support**
- ☑ **Packed in Polyethylene**
- ☑ **Over 400 grams of carbon in a 24x24x10, over 500 in a 15" deep and 630 grams in a 24x24x20 cube**
- ☑ **Easy Retrofit into Current Systems**

TRI-SORB CUBE filters are a unique solution designed to remove both gas phase and particulate contaminants. The cube has a MERV 7 removal efficiency per ASHRAE 52.2 and contains 60% activity granular activated carbon.

TRI-SORB CUBE is available in three standard depths - 10", 15" and 20". The TRI-SORB CUBE offers over 400 grams of carbon in a 24x24x10, over 500 grams in a 24x24x15 and 630 grams of carbon in a 24x24x20 cube filter. This is a substantial amount of carbon available to remove odors and obnoxious gases from the air.

Cube filters offer easy retrofit into existing holding frames and offers an extended surface area over other filter options - this extended surface area translates into lower pressure drop, longer service life, and higher removal efficiencies.

The cube is supported by an internal wire frame that makes this a solidly built filter and unlike cardboard framed filters it is resistant to moisture and the growth or mold and other microbials that thrive on wet cardboard.

The TRI-SORB CUBE is an innovative solution to gas phase and particulate filtration while offering low pressure drop, high removal efficiencies, extended service life, mold and moisture resistance.

APPLICATIONS

- COMMERCIAL
- HEALTH CARE
- INDUSTRIAL PLANTS
- LABORATORIES
- INSTITUTIONAL
- GOVERNMENTAL
- MICROELECTRONIC
- IAQ PROBLEMS

CONTAINS
CARBONWEB®
FLEXIBLE CARBON FILLED FIBERS
Patent Number 6,878,193

Loading Docks
Smoking
Heliports
Body Odors
Diesel Fumes
Cooking Odors
Bathroom Odors
Animal Smells
Tar

TRI-SORB™ CUBE Technical Data

Product	Carbon Loading 24x24 Filter	MERV ASHRAE 52.2	Initial Resistance			Carbon Type
			375 FPM	500 FPM	625 FPM	
10" Deep	405 grams	7	0.33" W.G. (82 PA)	0.49" W.G. (122 PA)	0.71" W.G. (177 PA)	Granular Activated Carbon
15" Deep	504 grams	7	0.23" W.G. (57 PA)	0.34" W.G. (85 PA)	0.54" W.G. (134 PA)	Granular Activated Carbon
20' Deep	630 grams	7	0.18" W.G. (45 PA)	0.31" W.G. (77 PA)	0.43" W.G. (107 PA)	Granular Activated Carbon

FINAL RESISTANCE

1.0" WG (249 PA)

MEDIA

SYNTHETIC

FRAME

WIRE - INTERNAL

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. Tri-Dim® and Tri-Dek® are Registered Trademarks of Tri-Dim Filter Corporation.



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