



EXTENDED SURFACE GAS PHASE MERV 15 BOX FILTER

The TRI-SORB R M15 filter is a Gas Phase filter that offers MERV 15 particulate efficiency - all with low resistance and easy retrofit into current HVAC systems.

FEATURES:

- ☑ Easy Retrofit
- ☑ Low Static Pressure
- ☑ MERV 15 Efficiency
- ☑ Gas Phase Filtration
- ☑ Granular Activated Carbon
- ☑ Available with Single and No Header Frame
- ☑ Long Service Life
- ☑ 6 lbs Carbon in 24x24x12 Filter

The TRI-SORB R M15 is offered in a variety of frame styles – Single Header and No Header Box Style – this broad offering of frame styles allows for easy and convenient retrofit into most all housing/holding frame configurations. The no header version will work in applications using a double header filter.

The TRI-SORB R M15 offers 6 pounds of carbon (2.7 KG) in a 24x24x12 (610x610x305 mm) No Header filter. This allows for high 'First Pass' efficiency on a broad spectrum of Airborne Molecular Contamination (AMC).

In addition to the pounds of carbon the TRI-SORB R M15 offers MERV 15 efficiency per ASHRAE 52.2. MERV 15 efficiency by definition offers a minimum removal efficiency of greater than 85% of particles from 0.3 to 1 micron size range.

The TRI-SORB R M15 offers 6 pounds of carbon, and high efficiency with a MERV 15 per ASHRAE 52.2 - it provides all of this with a low pressure drop of only 0.32" WG (80 PA) at 2000 CFM (for a 24x24x12 filter).

APPLICATIONS

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

ODORS CONTROLLED

Loading Docks
 Smoking
 Heliports
 Body Odors
 Diesel Fumes
 Cooking Odors
 Bathroom Odors

TRI-SORB™ R M15 Technical Data

No Header Version

Nominal Size Inches (mm)	Exact Size Inches (mm)	Media Area Ft ² (m ²)	MERV per ASHRAE 52.2	CFM (m ³ /sec)	Initial Resistance	Carbon Weight	Final Resistance
24x24x12 (610x610x305)	23 ³ / ₈ x23 ³ / ₈ x11 ¹ / ₄ (594x594x286)	58.08 (5.40)	15	2000 (0.94)	0.32" W.G. (80 PA)	6.0 lbs. (2.73 kg)	1.5" WG (373 PA)
12x24x12 (305x610x305)	11 ³ / ₈ x23 ³ / ₈ x11 ¹ / ₄ (289x594x286)	28.70 (2.67)	15	1000 (0.47)	0.32" W.G. (80 PA)	3.0 lbs. (1.35 kg)	1.5" WG (373 PA)
20x20x12 (508x508x305)	19 ³ / ₈ x19 ³ / ₈ x11 ¹ / ₄ (492x492x286)	39.88 (3.70)	15	1390 (0.65)	0.32" W.G. (80 PA)	4.1 lbs. (1.87 kg)	1.5" WG (373 PA)
20x24x12 (508x610x305)	19 ³ / ₈ x23 ³ / ₈ x11 ¹ / ₄ (492x594x286)	47.83 (4.44)	15	1670 (0.78)	0.32" W.G. (80 PA)	5.0 lbs. (2.25 kg)	1.5" WG (373 PA)

Single Header Version

Nominal Size Inches (mm)	Exact Size Inches (mm)	Media Area Ft ² (m ²)	MERV per ASHRAE 52.2	CFM (m ³ /sec)	Initial Resistance	Carbon Weight	Final Resistance
24x24x12 (610x610x305)	23 ³ / ₈ x23 ³ / ₈ x11 ¹ / ₄ (594x594x286)	55.66 (5.17)	15	2000 (0.94)	0.39" W.G. (97 PA)	5.8 lbs. (2.62 kg)	1.5" WG (373 PA)
12x24x12 (305x610x305)	11 ³ / ₈ x23 ³ / ₈ x11 ¹ / ₄ (289x594x286)	26.30 (2.44)	15	1000 (0.47)	0.39" W.G. (97 PA)	2.7 lbs. (1.24 kg)	1.5" WG (373 PA)
20x20x12 (508x508x305)	19 ³ / ₈ x19 ³ / ₈ x11 ¹ / ₄ (492x492x286)	37.50 (3.48)	15	1390 (0.65)	0.39" W.G. (97 PA)	3.9 lbs. (1.76 kg)	1.5" WG (373 PA)
20x24x12 (508x610x305)	19 ³ / ₈ x23 ³ / ₈ x11 ¹ / ₄ (492x594x286)	45.42 (4.22)	15	1670 (0.78)	0.39" W.G. (97 PA)	4.7 lbs. (2.13 kg)	1.5" WG (373 PA)

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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