



ULTRA Xe  
High Efficiency  
V-Cell Filter

# ULTRA Xe

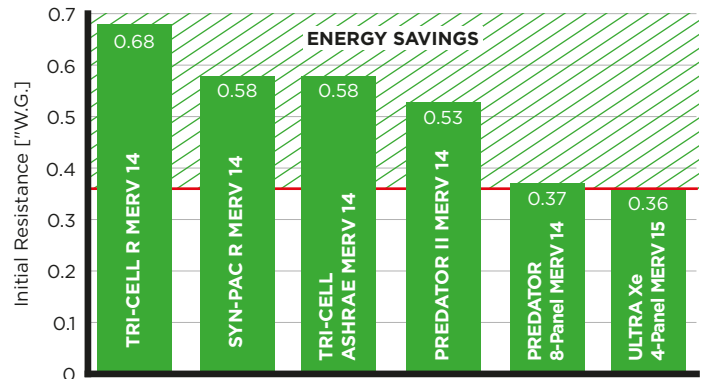
## High Efficiency

### V-Cell Filter



#### ULTRA XE

Energy Savings



#### ULTRA™ MEDIA

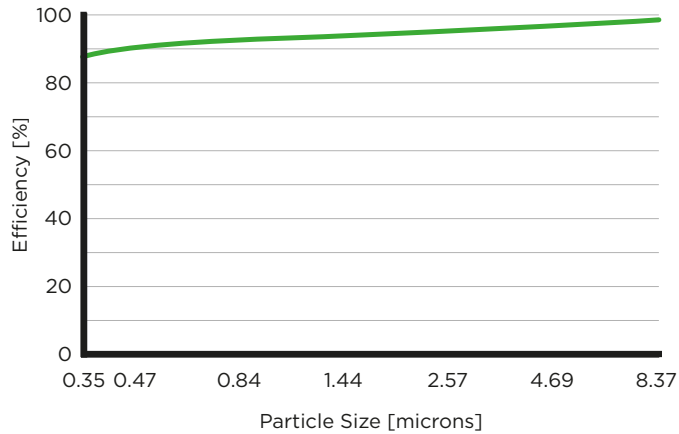
ULTRA media is a new generation of media that offers unmatched and innovative performance with MERV 15 and MERV 13 efficiency with ultra low resistance ( 0.36\" W.G. on a MERV 15) - creating a new industry benchmark for efficiency and energy savings. The ULTRA media has proven itself in testing utilizing the ASHRAE 52.2 Appendix J test method. The ULTRA MERV 15 media provides near ultra-high particulate removal performance at a fraction of the pressure drop of similar filters. The reduction on pressure drop could translate into significant energy savings depending upon the various components of your HVAC system. Low pressure drop is not all the ULTRA media offers - also ultra-high efficiency with results in reductions in the airborne contaminants you are trying to control.

#### ENERGY SAVINGS

ULTRA Xe offers a reduction in operating resistance up to 50% (see chart), this leads to an energy savings when compared to conventional MERV 14 filters. Lower Resistance leads to reduced energy consumption in almost every application. In a recent study that compared Tri-Dim's ULTRA media to conventional micro-glass filtration media, actual energy savings of 40% were documented by using precise equipment to monitor actual energy usage - not one of the many energy saving formulas or calculators.

## MERV 15 FRACTIONAL EFFICIENCY

Appendix J ASHRAE 52.2



## EFFICIENCY

Tri-Dim's ULTRA Xe achieves a MERV 15 efficiency when tested under Appendix J of ASHRAE 52.2. The ULTRA Xe's performance on critical particle sizes of 1 micron exceeds 93% and exceeds 91% on 0.5 microns. This makes the ULTRA Xe ideal for use in medical and other applications where a consistent level of filtration is demanded.



## GREEN INITIATIVES

The ULTRA Xe filter offers many features that will be a benefit to your company's 'Green Initiatives Program'. These features include:

- **Energy Savings** = up to 40% already documented
- **Greater than MERV 13** = LEED IAQ Credit
- **Longer Service Life** = Reduced Waste to Landfill
- **All Plastic Frame** = Contains Recycled Content
- **Reduces Airborne Contaminants** = reduced absenteeism

Contact your local representative for more information or to see how Tri-Dim Filter can assist with your Green Initiative Program.

# ULTRA Xe

## Technical Data

### SPECIFICATIONS

Specifications	ULTRA Xe
<b>Media</b>	Hybrid
<b>Frame</b>	Single Header, All Plastic Frame - no metal components All plastic Frame Contains Recycled content
<b>Efficiency</b> ASHRAE 52.2 (ASHRAE 52.1)	MERV 13 (80-85%) MERV 15 (90-95%)
<b>Initial Resistance</b> @ 500 FPM (2.54 m/sec)	MERV 13: 0.23" WG (57 PA) MERV 15: 0.36" WG (90 PA)
<b>Final Resistance</b>	1.5" WG (373 PA)
<b>Temperature Limit</b>	160°F (71°C)
<b>Meets Requirements</b>	ANSI/UL-900

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