

# PRODUCT SUBMITTAL

## Biotronic V-CELL



### APPLICATION

The Biotronic V-CELL High Efficiency Particle Filter is a V-BANK carbon-filament style filter which utilizes Electronic Polarization Technology (EPT) to trap airborne contaminants.

The V-CELL model can be used in any application where particulate filters are used and can be a "pre", "mid", or "final" stage filter.

Unlike typical particulate filters, the V-CELL uses the entire depth of charged media (not just the face area) to capture contaminants, allowing superior dust-holding capabilities and a proportionately longer pad life.

Additionally, only the white media pads needs to be changed out, which are inexpensive and significantly lighter and easier to handle than ridged filters.

### SPECIFICATIONS

#### General Product Information

Max Capacity	2,468 CFM (Single V-Cell)
Initial Pressure Drop	0.28 in. WG @ 2,000 CFM (500 fpm)
Max. Final Pressure Drop	1.5 in. WG
Housing Material	Aluminized Steel
MERV rating	14/15
Service Cycle	3-6 Years (Application Specific)
Weight	57 Pounds (24" x 24" x 24")   30 Pounds (12" x 24" x 24")
Max Operation Temp.	200°F (93°C)

#### Electrical

Rated Voltage	24 VAC/VDC
Frequency	50/60 Hz
Power Consumption	16 Watts/8 Watts

#### Approvals

LEED - ETL Listed - UL 867.

