

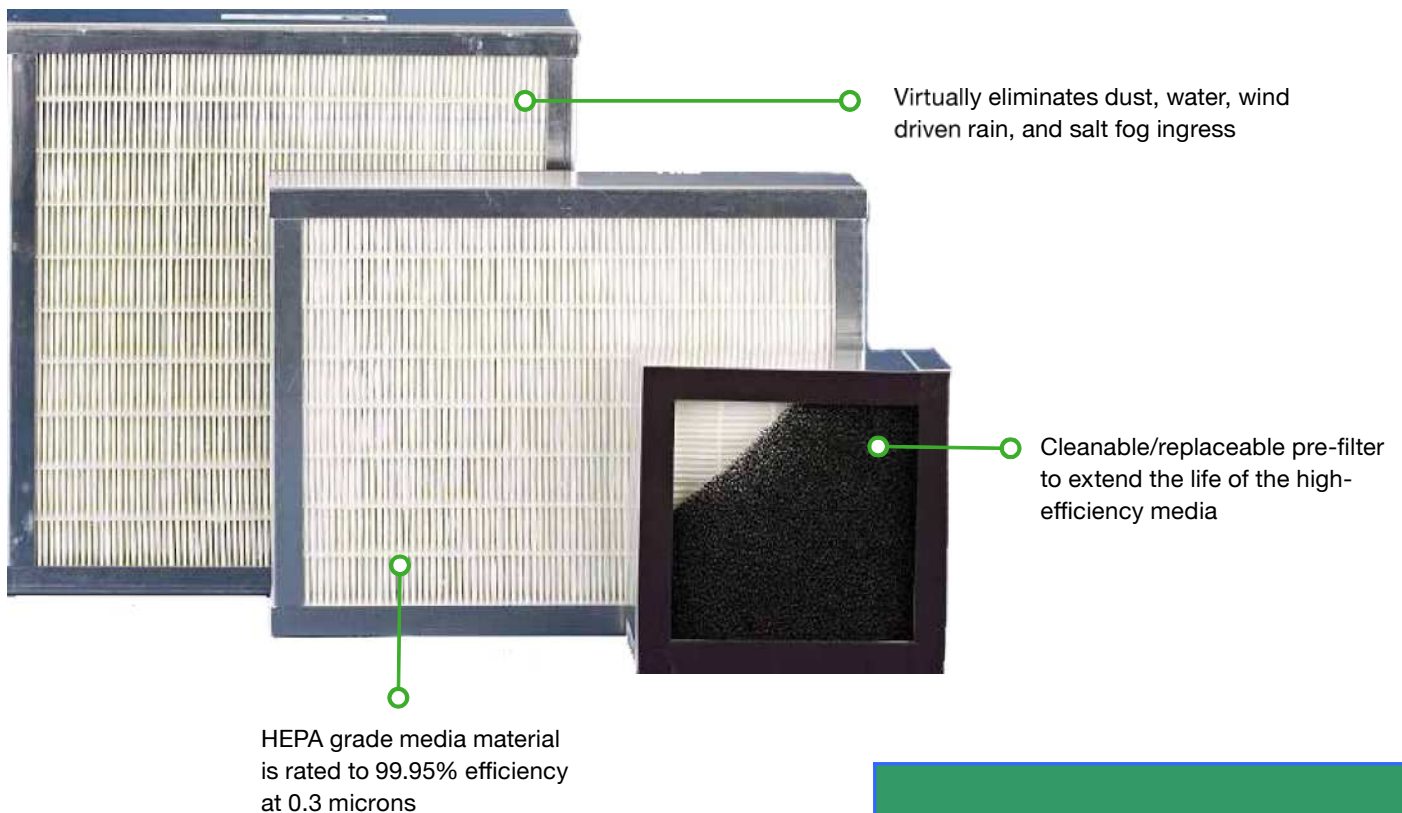
OUTSIDE PLANT AIR FILTERS

Eliminate dust, water, wind driven rain and salt fog ingress

Custom Outside Plant Air Filters keep dust, water, wind driven rain and salt fog out of electronics enclosures that use fresh air and direct air cooling systems. Cabinets for copper, fiber, coax, ADSL, wireless, and power applications can now use outside air vented cooling systems in place of costly, energy inefficient, closed loop air-to-air heat exchangers.

Outside Plant Filter Features:

- Superior water and airborne contaminant protection
- Allows designers to utilize ambient air to cool vented systems
- Compliant with stringent industry standards including NEBS GR-487, NEMA, and IP enclosure standards
- Cleanable/replaceable pre-filter to extend the life of the high-efficiency media, in a single, low-cost, integrated assembly



FAST FACT:
Custom sizes available up 24" in width and 30" in length.

Outside Plant Filter Features:

- High dust loading for maximum service life while reducing airflow resistance
- Withstands prolonged exposure to high temperatures, high humidity, and consistent UV exposure
- Aluminum components are treated with special RoHS compliant protective finishes to provide corrosion protection

Applications:

Custom Outside Plant pleated filters are designed to prevent water, salt fog, and fine dust particulate intrusion for fan-cooled indoor and outdoor industrial / electronics enclosures. This product is also well suited to enhance performance of all electronics equipment within outdoor enclosures in mild to severe environments.

Industries:

Outside Plant filters are well suited for industries that include:

- Telecommunications cabinets
- Outdoor video displays and LED signs
- Power generation and battery back-up enclosures
- Industrial and commercial systems

Media:

The Outside Plant filter media is a UPE Membrane (ultra high molecular weight polyethylene with microglass or synthetic backer). The media HEPA grade material is rated to 99.95% efficiency at 0.3 microns. Designed to operate in harsh outdoor environments, the media virtually eliminates dust, water, wind driven rain, and salt fog ingress. Industry leading media technology allows for higher airflow and lower pressure drop resistance compared to other competitive media offerings.

A cleanable foam pre-filter is integrated into the framed assembly to help extend the life of the Outside Plant filter.



Standards & Classifications:

Outside Plant filters are compliant with NEBS GR-487, NEMA, and IP

| Model | Outside Plant Media Thickness | Frame Thickness |
|----------|-------------------------------|-----------------|
| OSP-7510 | 25,40mm [1.00"] | 38,10mm [1.50"] |
| OSP-7520 | 50,80mm [2.00"] | 63,50mm [2.50"] |
| OSP-7530 | 76,20mm [3.00"] | 88,90mm [3.50"] |

Custom pleat depths available up to 101,60mm [4.00"]

Assembly includes watertight gasket around frame face flange perimeter