

MINIMIZE DUST

Protect heavy mobile equipment operators and engines in high-debris work environments



THE SY-KLONE EFFECT

- Dirty air in.
- Debris ejected, dust filtered out.
- Clean air for workers and engines.

THE PROTECTIVE POWER OF CLEAN AIR

MAXIMIZE PROTECTION



ENGINE PRECLEANERS

Extend Engine Filter Life, Lower Cost of Ownership

CAB AIR QUALITY SYSTEMS

Improve Air Quality, Reduce Occupational Exposure

HIGH-EFFICIENCY FILTRATION

Minimize Exposure, Maximize Protection

NON-POWERED



Series 9000[®]
Ejector Precleaner

- Removes dust, mixed debris, and snow
- Nine sizes allow optimal balance of efficiency and restriction for a wide range of airflows

POWERED

XLR Powered Precleaner[®]

eXtra Low Restriction Precleaning with High-Efficiency Filtration

Airflow up to 350 CFM (9.91 m³/min)



- Improve engine performance and extend engine filter life
- Sustained, clean airflow in extreme environments
- 99.99% of dust removed prior to engine intake

Vortex[®] MAX

High-Airflow Powered Engine Precleaning with High-Efficiency Filtration

Airflow up to 900 CFM (25.48 m³/min)



- Higher airflow system for larger machines
- Improve engine performance and extend engine filter life
- Small footprint, multiple installation configurations

1. FRESH AIR SYSTEM

RESPA[®] CF2

Powered Precleaner/Filter/Pressurizer

- Standard and extended length
- Multiple filter options to suit your working environment



2. MONITOR

RESPA Advisor[®]

Pressure Monitor



RESPA Advisor[®] +

Touchscreen Pressure + CO₂ Monitor

- ISO 23875 compliant



3. RECIRCULATION SYSTEM

RESPA[®] CFX2

Powered Recirculation Filtration

- Plumbs into HVAC plenum



RESPA[®] PFX

In-Cab Powered Purification Filtration

- No plumbing required

RESPA[®] FFX2

Non-Powered Recirculation Filtration

- Plumbs into HVAC plenum



PARTICULATE FILTERS

MERV 16 / F9

High-Efficiency RESPA Filters

- General-use filter with long filter life
- ≥95% Efficient at 0.3-1.0 micron



EPA

Higher-Efficiency RESPA Filters

- ISO 23875 compliant
- ≥99% Efficient at 0.3 micron



HEPA

Highest-Efficiency RESPA Filters

- For specialized application or when required by regulation
- ≥99.99% Efficient at 0.3 micron



Engine

High-Efficiency Engine Filters

- For XLR and Vortex MAX

ODOR AND GAS FILTERS

Odor + HEPA

- For non-toxic odors with HEPA particulate filtration



ABEK Gas + HEPA

- General-purpose gas filter with HEPA particulate filtration



Ammonia + HEPA

- Ammonia gas filter with HEPA particulate filtration