

# 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<sup>®</sup>**  
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<sup>®</sup>

eXtra Low Restriction Precleaning with High-Efficiency Filtration

**Airflow up to 350 CFM (9.91 m<sup>3</sup>/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<sup>®</sup> MAX

High-Airflow Powered Engine Precleaning with High-Efficiency Filtration

**Optimal Airflow 300-600 CFM (8.5-17 m<sup>3</sup>/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<sup>®</sup> CF2

Powered Precleaner/Filter/Pressurizer

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



## 2. MONITOR

### RESPA Advisor<sup>®</sup>

Pressure Monitor



### RESPA Advisor<sup>®</sup> +

Touchscreen Pressure + CO<sub>2</sub> Monitor

- ISO 23875 compliant



## 3. RECIRCULATION SYSTEM

### RESPA<sup>®</sup> CFX2

Powered Recirculation Filtration

- Plumbs into HVAC plenum



### RESPA<sup>®</sup> PFX

In-Cab Powered Purification Filtration

- No plumbing required

### RESPA<sup>®</sup> 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