

# RESPA® PFX

## Standalone In-Cab Air Recirculation System



### CLEANER CAB AIR. SAFER OPERATORS. PROTECTED EQUIPMENT.

The **Sy-Klone RESPA PFX** system enhances operator safety by rapidly reducing airborne particulates within the cab. The compact filtration unit is combined with a blower motor to quickly recirculate air and drive down particulate levels inside of a cab. Designed to work independent of the factory HVAC, it accelerates particulate decay to meet ISO 23875 performance standards—providing cleaner, safer air without the need for additional plumbing or complex modifications.

The decay rate refers to the time required for dust and particulates to be removed from the operator cab. Actual performance can vary based on factors such as cabin leakage (how well the cab is sealed), ambient particulate concentrations, ventilation or airflow rate, and whether doors or windows are open. Under design conditions with a properly sealed cab, particulate concentrations drop below 25  $\mu\text{g}/\text{m}^3$  within 120 seconds, in line with ISO 23875 test standards.

- Accelerates decay rate
- Independent of factory HVAC. Compliments existing installed recirculation filtration.
- Small footprint fits a variety of cabs
- In-cab base mount and flange mount installation options available in 12-volt and 24-volt systems
- High-efficiency RadialSHIELD air filters are available in both HEPA and EPA options. The HEPA filter captures 99.95% of particles the size of COVID-19 and influenza viruses. Both filter types are fully compliant with ISO 23875 standards, ensuring effective protection and performance



Delivering **Operator Safety and Protection** through seamless integration into existing cabs (no plumbing required), enhancing and boosting the performance of the factory recirculation system.



**RadialSHIELD Air Filters**  
Enhanced protection and extended filter life  
MERV 16, EPA, & HEPA