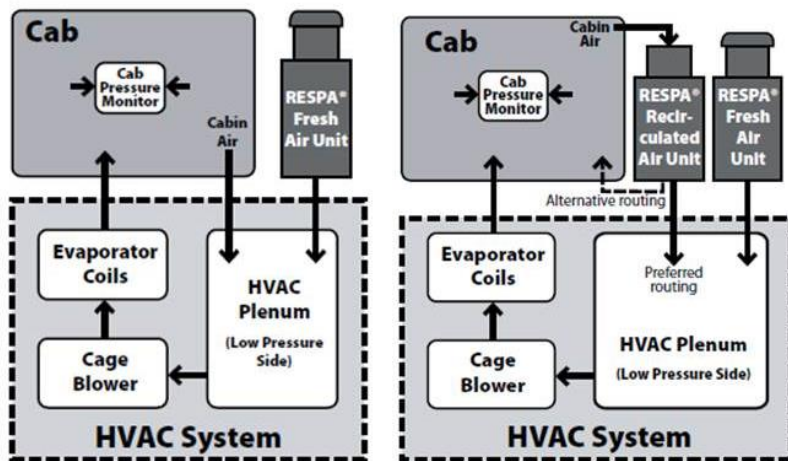




“Perrin Manufacturing” has partnered with Sy-Klone International (www.sy-klone.com) establishing a ‘systems integration’ cab air quality installation kit vs. individual component sales. The anticipated benefit is a proposed ‘turn key’ cab air quality system designed specifically for OEM operator cabs. Complemented by the Sy-Klone Cab Air Quality process, Perrin has the capability to put together a customer specific cab air quality package that includes cab environment positive pressurization with ‘respirable air quality’; complementing the Perrin HVAC system. Along with the health and safety of the operator, air quality issues directly affect production ‘up time’; allow A/C systems to meet their PM; sophisticated electronics stay ‘clean’ and operational. Self-cleaning and interchangeable filters include MERV16; HEPA; Odor; and Vapor”.



- NIOSH endorsed and OSHA compliant, no one has such an effective applied performance level of powered particulate separation for either operator cab environments or environmental enclosures.
- RESPA™ - The cost effective **RESPA Cab Air Quality System** comprehensively filters all cab environment air flows while continuously monitoring cab pressure. The Perrin RESPA Cab Air Quality System combines compact format, high efficiency mechanical separation Powered Precleaning technology with high efficiency compact filtration, powered low restriction inline compact recirculation filtration and real time pressure monitoring. The Vortex HyperFLOW™ Precleaner/Filter/Pressurizer takes out over 90% of the particulate down to 5 microns by creating a vortex around the filter media while passing debris along the filter housing wall and out of the rear of the filter housing. The clean air which exists in the vortex is pushed through the proprietary MERV 16 filter and into the HVAC Fresh air inlet. By removing most particulate from the air flows prior to the filter, filter life is exponentially increased. Unique high efficiency filter media allows for regulatory compliance, extended maintenance intervals on dirt sensitive cab electronics, HVAC evaporator core, operator health and increased operator and machine productivity.

- RadialSHIELD™ High Efficiency – Interchangeable – Self-cleaning Filters.
 - MERV16 – [Minimum Efficiency Reported Value] 95% Efficient on .3 to 1.0 micron particles.
 - HEPA – [High Efficiency Particulate Air] 99% Efficient on .3 to 1.0 micron particles.
 - A MERV16 generates particle counts equal to the HEPA filter after a very short load time on the filter. The MERV16 is one step down from a MERV17 which is HEPA. NIOSH in the states has tested both filters in field testing and the lab and recommends the MERV16 over the HEPA for performance/cost and durability reasons.
 - ODOR & Gas Vapor Filtration available in interchangeable; application specific.

Sy-Klone International has been on a mission since 1986 to become the technological world leader in atmospheric ejective air precleaning. Our research and development efforts are second to none. Since 1986 Sy-Klone International has earned 43 patents and two patents pending in air precleaning technology. We are advancing in a field that has remained relatively unchanged for decades. Air precleaners of the future will be built with Sy-Klone's technologies.

