

# Engine Air Precleaners

Air filter life is directly related to the amount of debris ingested through an engine's air intake.



## Series 9000® Air Precleaner

Installing a Sy-Klone Series 9000® Air Precleaner as the first stage of an air intake system prevents the majority of heavier-than-air particles from entering the system. This results in longer air filter life, more efficient engine performance, and decreased maintenance expenses.

**Our precleaners are Self-Cleaning, Maintenance-Free and applicable to any application that has an air intake.**

## Benefits

- Prevents the majority of heavier-than-air particles from entering the system.
- Extends the air filter life by at least 3 times compared to the filter lifetime without precleaner.
- Relatively inexpensive, easy to install and maintenance-free.
- Decreased operational costs due to reduced expenses for parts, labor and machine downtime.

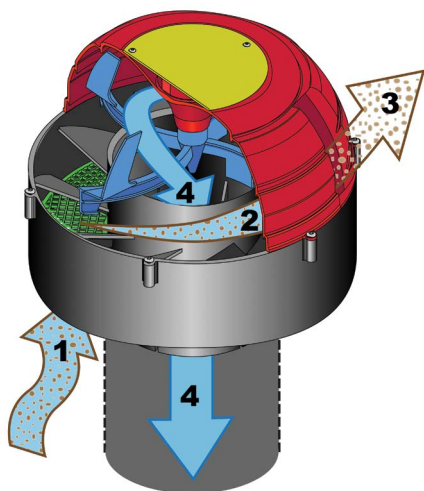
## Operation

**Step 1:** Air enters the underside of the dome through screened louvers, which prevents clogging by blocking any particles larger than the ejection slot from entering the unit.

**Step 2:** The curved blades slam air and dirt up against the sidewall.

**Step 3:** Strakes along the interior surface move heavier-than-air debris towards the ejection slot.

**Step 4:** The precleaned air continues to swirl up the dome and down into the engine air intake pipe.





## Installation

Installing a Series 9000® Air Precleaner is simple and can be done both horizontally or vertically.

The Series 9000® are suitable for almost all machines, all engines and with more than 300 installation adapters available, the installation will always succeed.

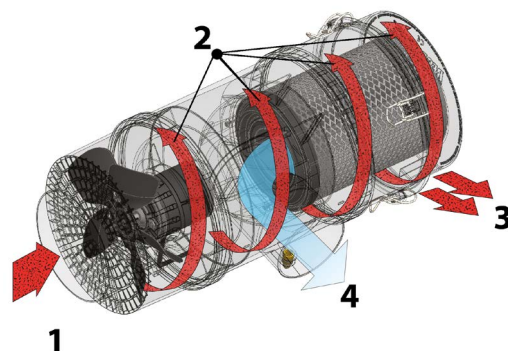
**We offer nine models in sizes from 51 mm (2") to 203 mm (8") with a range from 0,28 to 39,64 m³/min and much higher with multiple-unit installations!**

## Extremely dusty working conditions?

With the XLR Powered Precleaner® we offer the ultimate solution for maximum filter life in the most impossible working conditions. A typical Air Precleaner does not perform well in the full engine speed range and is not more efficient than 80% on particles of 5 microns or larger.

**The XLR Powered Precleaner® is a filter system that removes 99.99% of ISO 5011 particulate matter, from idle speed to full engine power!**

**Ask for more information!**



**SY-KLONE®**  
INTERNATIONAL