



### Increased Filter Life Means Decreased Maintenance Downtime

Air filter life is directly related to the amount of debris ingested through an engine's air intake. Installing a Sy-Klone Series 9000<sup>®</sup> 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.

[www.sy-klone.com](http://www.sy-klone.com)

Try our **ONLINE SAVINGS CALCULATOR**  
See how much money you can save, then email  
the results

Easy to use - enter your own usage and cost data, and the Series 9000 Online Savings Calculator will estimate your annual savings. Enter the cost of installation and calculate how many months it will take to pay for itself.



Call your local  
**Sy-Klone Solutions Provider**

**Air Flow Range:** Nine models in sizes from 2" to 8" range from 10 - 1,400 CFM (0.28 - 39.64 m<sup>3</sup>/m) and much higher with multiple-unit installations; contact SyKlone for details

**Mounting & Equipment Types:** Mounts on all vertical and horizontal air cleaner housings, on all machines, replacing tube body systems or internal precleaners.

**Maintenance:** Self-cleaning & routine maintenance-free

**Applications:** Off-road conditions, construction, mining, forestry, waste, agriculture, military, and more.

**Debris Types:** Expels all types of mixed debris, including mud, snow, rain, leaves, sawdust, chaff, and dust. Heavier debris requires additional heavy debris screen, and Ag Screen is extremely effective against chaff.

Visit our website  
and use the  
**Sizing Wizard**

*Don't see your machine listed?*

Use the Online Sizing Calculator to help  
with your model and installation kit selection.



### How it works:

**Step 1:**

Air enters the underside of the dome through screened louvers. This prevents clogging by blocking any particles larger than the ejection slot from entering the unit.

**Step 2:**

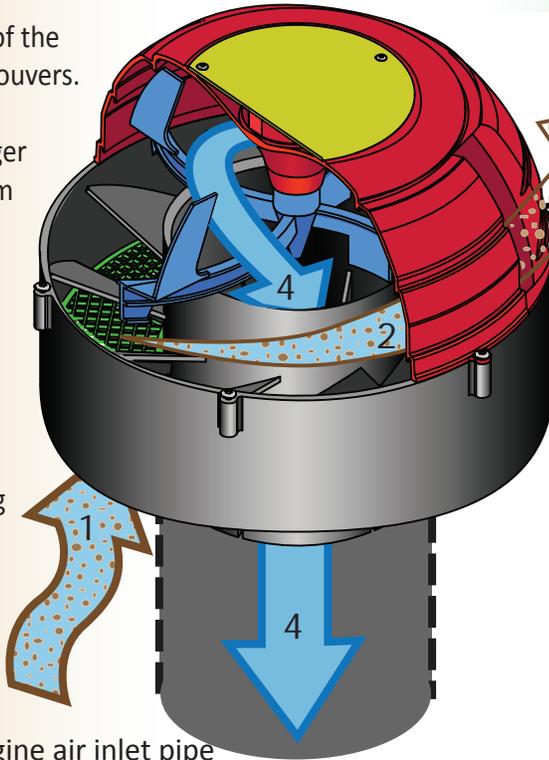
Curved particle-accelerator blades push dirt against the sidewall

**Step 3:**

Strakes (angled fins) along the interior surface move heavier-than-air debris towards the ejection slot

**Step 4:**

Clean air continues to swirl down into the engine air inlet pipe



### Benefits:

**Extends air filter life**

Handles all kinds of mixed debris, including mud, snow, rain, leaves, sawdust, chaff, and dust

**Lowers cost per operating hour by reducing parts, labor, and downtime**

Increases uptime

**Extends engine life**

Lowers air restriction, which increases useable horsepower and improves fuel efficiency

**Easy to install - just check our website Sizing Wizard to see which model and installation kit are best for your machine**

Claims against our warranty are practically non-existent

**Rugged engineered polymer construction gives you the strength of steel (without the corrosion) at the cost of plastic**

## We leave our competition in the DUST... literally!



**INGESTIVE  
precleaners mean  
INCREASED  
maintenance!**

**Dust Ejector:**

Tubes can clog, disabling the pre-cleaner. Less effective on mixed debris. Tubes can melt due to exhaust gas. Not accessible for inspection or cleaning.

**Dust Bowl:**

Can crack. Can rust. Can cloud, leading to inability to service. Requires dumping, and shortens filter life when full. Not effective on mixed debris.

**Internal Pre-cleaner:**

The valve can tear, crack, remain open, or fall off, causing pre-cleaner failure and shortened air filter life. Often painted in the open position, disabling function. If dump valve is off or not working, debris can be sucked in through the dump valve port.

**Sy-Klone Solutions Provider:**

**Sy-Klone EJECTIVE precleaners mean DECREASED maintenance!**

**ISO  
9001**