



### 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® 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.



You'll be in good company with Caterpillar®, Volvo, John Deere®, Mack®, Bomag®, Kawasaki, Doosan, the US Military and more!\*

Our products are featured by over 150 OEMs, under the Series 9000® name and private labels (such as Caterpillar's "Turbine PreCleaner" and John Deere's "Rotary Ejector.") The Series 9000 is just as powerful as a retrofit solution; now you too can harness the power of a Sy-Klone!

*\*All trade names and logos are the property of their respective companies*

**Air Flow Range:** With eight models in sizes from 2" to 8", we can handle 10 - 1,800 CFM (and much higher with multiple-unit installations - contact SyKlone for assistance)

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

**Precleaner Maintenance:** Self-cleaning and maintenance-free

**Recommended Uses:** Off-road conditions, construction, mining, forestry, landfills, farming, 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



Series 9000™ with additional heavy debris screen ►

**Visit our website**

*and use the*

**Sizing Wizard**

*to help with your model and  
installation kit selection.*

**Don't see your machine listed?**

**CALL US, we can fit!**



### How it works:

#### 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:

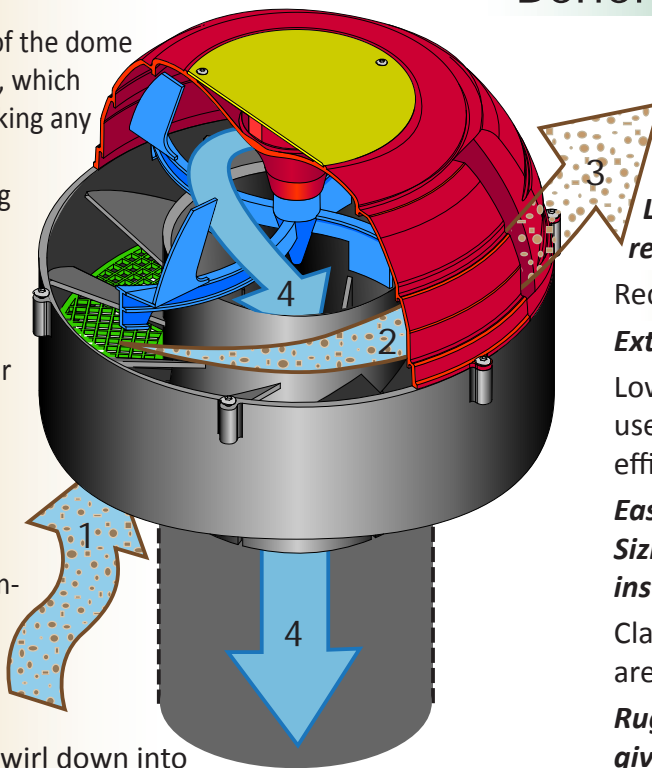
Curved particle-accelerator blades slam air and dirt up against the sidewall

#### Step 3:

Strakes along the interior surface move heavier-than-air debris towards the ejection slot

#### Step 4:

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

#### **Lowest cost per operating hour by reducing parts, labor, and downtime costs.**

Reduces downtime

#### **Extends engine life**

Lowest 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 limited lifetime 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 precleaner. 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 Precleaner:**

The valve can tear, crack, remain open, or fall off, causing precleaner 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 Dealer:**

**L | S | M**  
**TECHNOLOGIES**  
[www.lsmtechnologies.com.au](http://www.lsmtechnologies.com.au)

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



Registered to  
ISO 9001:2000