



# Self-Cleaning Pre-Cleaners

**Extend air filter life for more efficient engine performance**

Air filter life is directly related to the amount of debris ingested through an engine's air intake. Installing a Fleetguard Self-Cleaning 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.

## How the Fleetguard® Precleaner 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

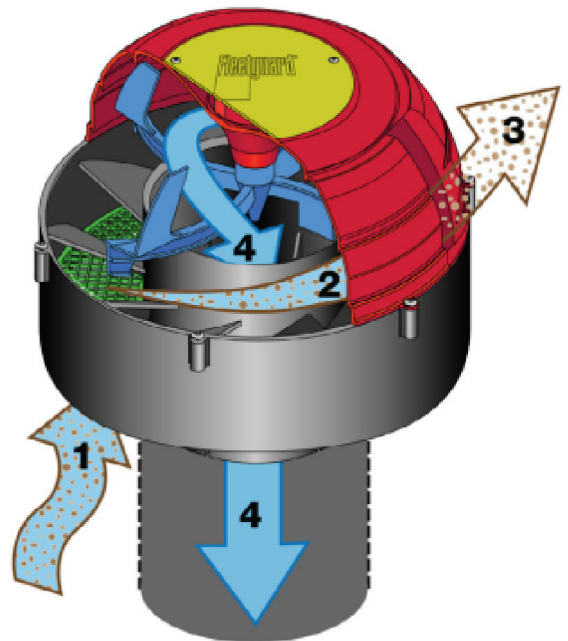
Curved particle-accelerator blades direct dirt and air up against the sidewall.

### 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 air inlet pipe.



**The Fleetguard® precleaner ejects 85% of contamination**

### **Extends air filter life**

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

### **Increases uptime**

Lowers cost per operating hour by reducing parts, labour, and downtime.

## Single-stage

Part Number	Outlet OD in (mm)	Width in (mm)	Height in (mm)	Flow Rate	
				CFM	m <sup>3</sup> /min
AP8407	2 (50.8)	4.5 (114.3)	3 (76.2)	10 - 50	0.28 - 1.42
AP8408	3 (76.2)	6.7 (170.18)	4.2 (106.68)	50 - 120	1.42 - 3.40
AP8403	4 (101.6)	8.5 (215.9)	6.28 (159.51)	100 - 275	2.83 - 7.79
AP8409	4 (101.6)	8.5 (215.9)	6.28 (159.51)	275 - 350	7.79 - 9.91
AP8421	5 (127.0)	10.6 (270)	7.9 (201)	350-500	9.91 - 14.16
AP8404	6 (152.4)	13.1 (332.74)	11.1 (281.94)	500 - 650	14.16 - 18.41
AP8410	6 (152.4)	13.1 (332.74)	11.1 (281.94)	650 - 800	18.41 - 22.65
AP8405	8 (203.2)	18 (457.2)	14.44 (366.776)	800 - 1150	22.65 - 32.56
AP8406	8 (203.2)	18 (457.2)	14.44 (366.776)	1150 - 1400	32.56 - 39.64

Mounted to the primary air filter housing, the Fleetguard® precleaner stops contamination, such as dust and dirt particles, getting to the air filter.

For more information about the Fleetguard® precleaner, contact your area sales manager.

