

Durable, Corrosion-Free Air Cleaner Improved Reliability, Superior Engine Protection, Easiest Serviceability

The EPG air cleaner series, incorporates Donaldson Radial Seal Sealing Technology, offers improved reliability and durability, reduced weight and costs, and better serviceability.

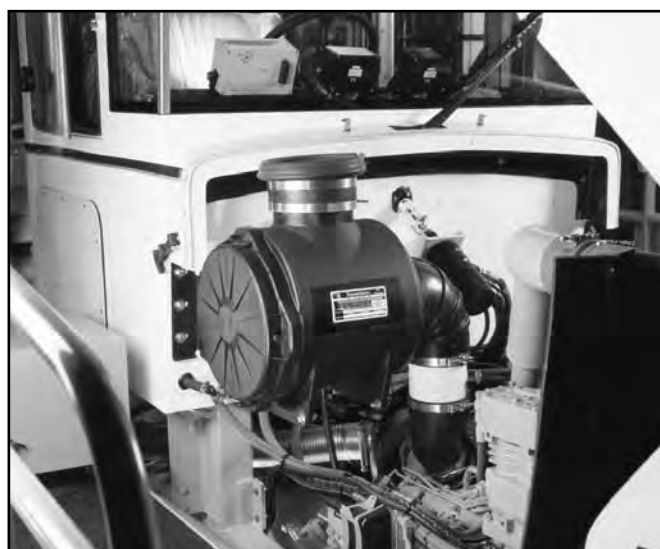
EPG air cleaners conquer underhood space limitations, are corrosion-free and lighter in weight than traditional metal units, are more sturdy than ever before, and have a reliable, easy-to service design.

The filter inside the air cleaner is also quite different from filters with metal end caps. The one-piece molded end caps encase the ends of the media and filter liners. The filter fits over the housing outlet tube, creating a reliable seal – with no hassle of separate sealing gaskets.

Of the six models, three include a primary filter and three include a primary and safety filter.



This EPG Radial Seal Air Cleaner, part of a complete Donaldson intake system, is mounted on a John Deere tractor. The entire engine air intake system is made of molded plastic. Between the intake scoop and the air cleaner are Donaldson Strata™ tubes, which provide pre-cleaning. Particulate from this stage is scavenged off and out through the exhaust system. In this system, the EPG air cleaner provides the second stage of cleaning.



The EPG Air Cleaner, which fits neatly under the hood of this Tyler Ag Sprayer, protects the engine with its powerful air filtration capability. The Radial Seal Sealing Technology means a reliable seal even in rugged environments and fast filter change-out. (Above: the hood of the vehicle is up. Left: the hood is down.)



LIGHT DUST

Provides up to 1325 cfm Airflow per Air Cleaner

Applications

- Provides up to 1325 cfm airflow per air cleaner – double airflow to engine by using two units
- Horizontal or vertical installation

Ideal for

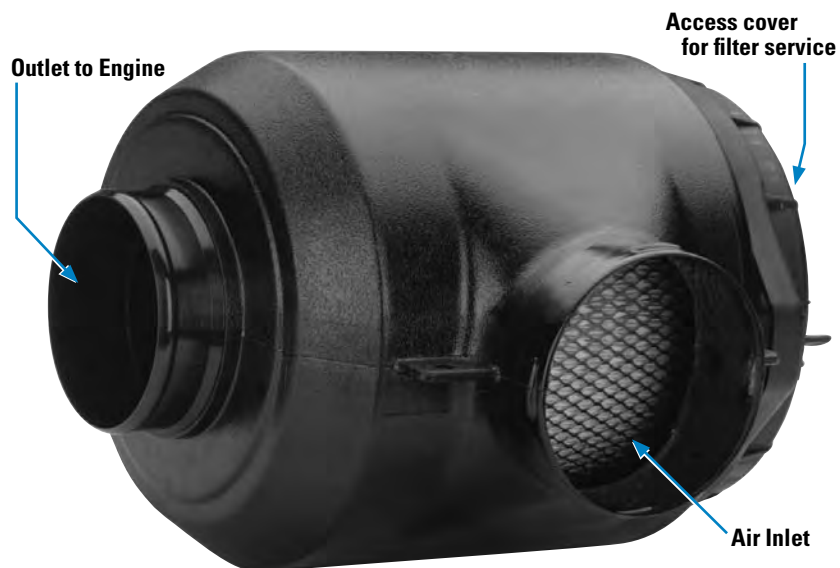
- On-highway vehicles
- Marine and offshore equipment
- Light construction vehicles
- Agricultural vehicles
- Compressors and generator sets

Air Cleaner Features

- Durable plastic housing is corrosion-free and weighs less than metal air cleaners
- Very few service parts! Easy to service!
- No mounting bands required! Installs securely via molded-in mounting flange(s) with pre-drilled holes on the side of the housing
- Available in three body diameters (11, 13, 15 inch / 279, 330, 381mm)
- Temperature tolerances:
11" (279mm) dia: -40° to 220°F (-40° to 104°C)
13" and 15" (330 and 381mm) dia: -40° to 200°F (-40° to 93°C)

Filter Features

- Radial Seal Sealing Technology ensures reliability, is easy to service and makes the filter self-centering, self-aligning and self-sealing
- All models can accommodate safety filter
- Donaldson Endurance™ extended service and high efficiency filters – which capture sub-micron contaminant such as soot and carbon – are available for some models (see service parts listing on page 27)



When specifying an Air Cleaner . . .

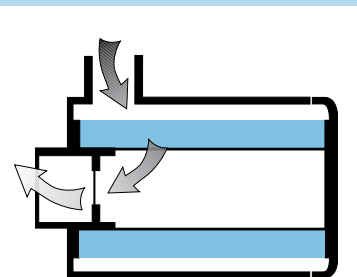
Determine the airflow requirements of your engine, then find the corresponding cfm airflow in the table at right. The restriction numbers (shown in inches of water) indicate the approximate initial restriction of each model air cleaner at that cfm. If there are two air cleaner models that fit your parameters, choosing the one with the lowest restriction will provide longest filter service life. When calculating total initial restriction of the entire air intake system, include the restriction caused by ducting, elbows, pre-cleaners, etc.

Initial Airflow Restriction

Airflow	Air Cleaner Model
MODELS WITH PRIMARY & SAFETY FILTER	
450 cfm @ 5.5" H ₂ O	G110120
650 cfm @ 6" H ₂ O	G130089
800 cfm @ 5.5" H ₂ O	G150049
MODELS WITH PRIMARY FILTER	
625 cfm @ 5.5" H ₂ O	G110119
950 cfm @ 10" H ₂ O	G130079
1325 cfm @ 8" H ₂ O	G150048

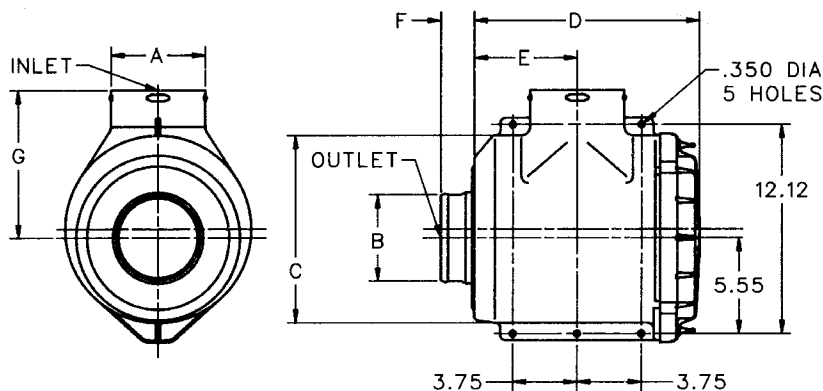
Airflow Pattern "G"

Air in the side, out the end

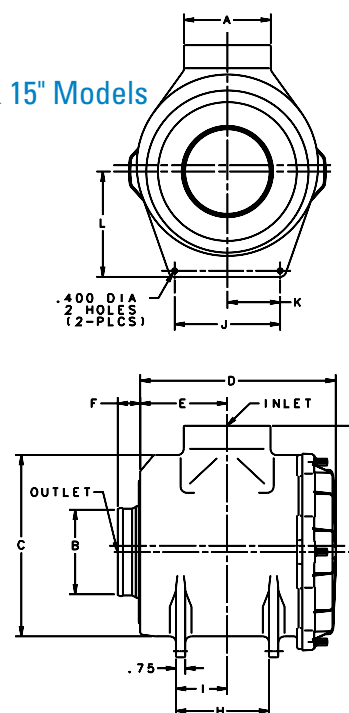


EPG Specification Illustrations

11" Models



13" & 15" Models



EPG Specifications

Air Cleaner Model	Body Dia. (C)	Inlet Dia. (A)	Outlet Dia. (B)	Length (D)	(G)	Outlet Length (F)	(E)	(H)	(I)	(J)	(K)	(L)
G110119	10.86" 276mm	5.50" 140mm	5.00" 127mm	12.89" 327mm	8.56" 217mm	1.95" 50mm	6.00" 152mm	See drawing above for dimensions on 11" models				
G110120	10.86" 276mm	5.50" 140mm	5.00" 127mm	12.89" 327mm	8.56" 217mm	1.95" 50mm	6.00" 152mm	See drawing above for dimensions on 11" models				
G130079	12.62" 321mm	6.00" 152mm	5.00" 127mm	16.02" 407mm	9.51" 242mm	3.00" 76mm	5.66" 144mm	7.75" 197mm	2.00" 51mm	8.00" 203mm	4.00" 102mm	6.00" 152mm
G130089	12.62" 321mm	6.00" 152mm	5.00" 127mm	16.02" 407mm	9.51" 242mm	3.00" 76mm	5.66" 144mm	7.75" 197mm	2.00" 51mm	8.00" 203mm	4.00" 102mm	6.00" 152mm
G150048	14.62" 371mm	7.00" 178mm	7.00" 178mm	15.75" 400mm	10.19" 259mm	1.82" 46mm	7.00" 178mm	7.50" 191mm	4.12" 105mm	8.50" 216mm	4.25" 108mm	8.00" 203mm
G150049	14.62" 371mm	7.00" 178mm	7.00" 178mm	15.75" 400mm	10.19" 259mm	1.82" 46mm	7.00" 178mm	7.50" 191mm	4.12" 105mm	8.50" 216mm	4.25" 108mm	8.00" 203mm

EPG Service Parts

G110119

cover	P529151
fastener kit	X006452
filter, primary - SM	P5274843
filter, primary - ES & HE.....	EAF5067
filter, safety.....	P5276804
thumb screw	P527435

G110120

cover	P529151
fastener kit	X006452
filter, primary - SM	P5274843
filter, primary - ES & HE.....	EAF5067
filter, safety.....	P5276803
thumb screw	P527435

G130079

cover	P533916
fastener kit	X006452
filter, primary - SM.....	P5339303
filter, primary - ES & HE.....	EAF5109
filter, safety.....	P5338904
thumb screw	P527435

G130089

cover	P533916
fastener kit	X006452
filter, primary - SM.....	P5339303
filter, primary - ES & HE.....	EAF5109
filter, safety.....	P5338903
thumb screw	P527435

G150048

cover	P523096
fastener kit	X006452
filter, primary - SM	P5276823
filter, primary - ES & HE.....	EAF5069
filter, safety.....	P5276834
thumb screw	P527435

G150049

cover	P523096
fastener kit	X006452
filter, primary - SM	P5276823
filter, primary - ES & HE.....	EAF5069
filter, safety.....	P5276833
thumb screw	P527435

NOTES:

- 3 = Shipped with air cleaner initially
- 4 = Safety filter is designed to fit this air cleaner, but was not originally shipped with it (note that adding a safety filter will decrease the maximum airflow throughput)

ES = Extended Service
HE = High Efficiency
SM= Scheduled Maintenance



11" Model Shown



Vacuator™ Valve: The Better Alternative to Drain Holes for Avoiding Moisture Ingestion

The Donaldson Vacuator™ Valve is an optional accessory for the EPG that expels water from the air cleaner before any reaches the filter – thereby extending filter life. Bare drain holes can clog or take in backsplash, but the Vacuator Valve never does! The P525956 is a 1" (25mm) diameter model designed for over-highway applications.

Installation is fast and easy:

1. Locate the lowest point of the air cleaner to allow proper drainage through Vacuator Valve.
2. Remove filter(s) before drilling.
3. Drill a 1" (25mm) hole centered at the lowest point of the air cleaner as shown in illustration. Remove debris from drilling.
4. Install Vacuator Valve (P525956) by pushing it into the hole.
5. Reinstall filter(s), reattach cover.

