For Diesel, Gasoline and Compressed Natural Gas Engines, and Hybrid Vehicles Operating in Light to Light/Medium Dust Conditions

Over-highway trucks, stationary engines, light industrial vehicles, and sport utility/light trucks generally operate in low-dust environments. They still need top quality air filtration systems to protect them and keep them running at peak efficiency. Those operating in high carbon environments particularly need protection.

Section Index

PowerCore
A Donaldson Filtration Technology

If you're looking for a new air cleaner, check out the PowerCore® air cleaner section first!

PCD Air Cleaners with PowerCore Filtration Technology offer improved filtration performance compared to our older E Series air cleaners.

Convenient DuraLite™ Disposables

Rugged Air Cleaners for Small and/or High Pulsation Gas & Diesel Engines

Donaldson's DuraLite Air Cleaners are tough, non-metallic, lightweight, self-supporting, and completely disposable. They are also easy to install, durable, and reliable.

They are designed to function well under high and severe pulsation conditions found in many applications, especially two- and three-cylinder engines. Vibration-resistant media is potted into molded housings of rugged ABS plastic — so they don't fall apart as other designs might.

DuraLite™ Air Cleaners — sturdy, one-piece, and disposable — are designed to withstand the high pulsation of small engines such as the ones shown here. They are easy to maintain because there are no service parts. When the filter is full, simply throw it away.

Applications

- Can be mounted vertically or horizontally
- Gas and diesel engines and hybrid vehicles in light to medium dust conditions
- Powered vehicles and equipment
- Mobile engines
  - Stepvans
  - Recreational vehicles
  - Lawn and garden tractors
- Stationary engines
  - Air compressors
  - Refrigeration units
  - Material handling equipment pumps
  - Gen sets
  - Welding equipment
- Marine engines
  - Propulsion units
  - Gen sets
- Provides variety of airflow volumes to engine: from 42 to 2118 cfm
- Temperature tolerance:
  180 °F/83 °C continuous
  220 °F/105 °C intermittent

Air Cleaner Features

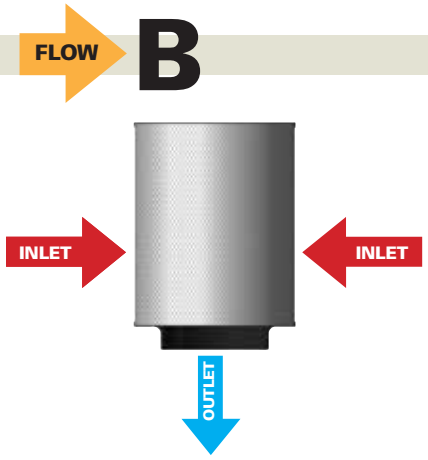
- No serviceable parts. Air cleaner housing and filter are one unit.
- Designed to withstand severe intake pulsation
- Economical replacement cost
- Self-supporting, sturdy
- Very reliable: only one critical seal
- Lightweight and compact in size
- Non-metallic (except B085008 which is galvanized steel), non-corrosive . . . ideal for marine applications
- Completely disposable . . . acceptable for normal trash pick-up (DuraLite should not be incinerated)
- Easily installed and maintained
- Minimal removal clearance needed — only 1.5"
- Three airflow styles available to fit virtually any engine intake configuration
- Various media available for specific applications — high pulsation and high humidity

Donaldson recommends the use of a high torque hose clamp (up to 150 in•lbs) for DuraLite air cleaners. This clamp eliminates the need for double clamping. Order one for each DuraLite air cleaner. See Accessories Section for more information.

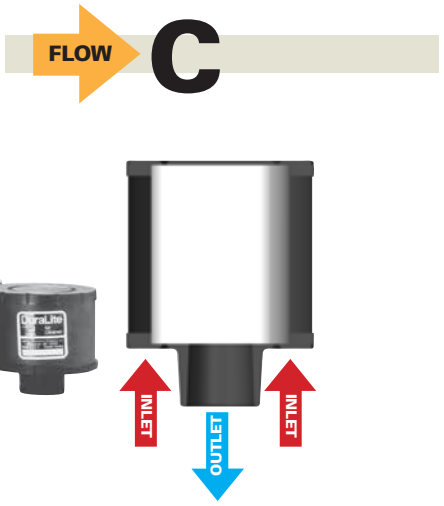
When Selecting an Air Cleaner . . .

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 lower restriction will provide longer filter service life. When calculating total initial restriction of the entire air intake system, include the restriction caused by ducting, elbows, and pre-cleaners.

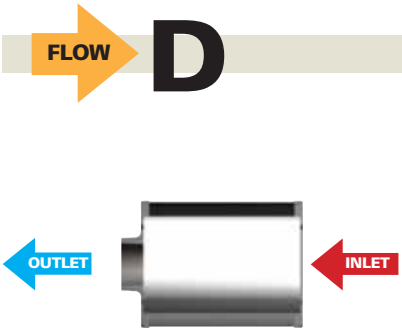
ECB DuraLite



ECC DuraLite



ECD DuraLite



Note: D065008 has inlet holes on both ends of filter

ECB Initial Airflow Restriction

CFM @ "H_2O 4"	6"	8"	Air Cleaner Model
175	250	300	B085008
275	335	390	B085001
275	335	390	B085048
280	400	470	B085011
280	400	470	B085046
380	440	480	B105020
400	580	710	B105002
450	590	680	B105006
700	882	1024	B125011
800	1060	1250	B125005
830	1110	1295	B125003
970	1215	1412	B085056
1060	1305	1500	B120439
1550	1836	2118	B120376

ECC Initial Airflow Restriction

CFM @ "H_2O 4"	6"	8"	Air Cleaner Model
42	55	64	C045001
55	70	82	C045002
64	82	94	C055003
70	90	106	C055002
95	111	140	C065001
108	137	162	C065002
112	145	170	C085001
115	147	190	C065015
115	150	175	C085005
120	150	175	C065003
130	165	188	C085002
135	170	195	C085006
135	170	195	C085043
150	180	215	C085003
170	205	245	C085004
170	205	245	C085041
325	400	480	C105003
352	400	480	C105028
400	500	620	C105004
400	500	620	C105017
485	620	760	C125004

ECD Initial Airflow Restriction

CFM @ "H_2O 4"	6"	8"	Air Cleaner Model
44	56	65	D045003
50	64	75	D045004
78	97	115	D055004
102	127	152	D065003
125	155	185	D065008

DuraLite™ Air Cleaners

Donaldson FILTRATION SOLUTIONS

ECB DuraLite™ Specifications

Air Cleaner Models	Body Diameter (A) in	mm	Outlet Diameter (C) in	mm	Length (D) in	mm	Outlet Length (F) in	mm	Media Type	Weight lbs	kg
B085001	8.50	216	3.00	76	11.00	279	1.38	35	A	4.2	1.9
B085008[1]	8.75	222	3.00	76	8.50	216	1.38	35	A	5.5	2.5
B085011	8.50	216	4.00	102	11.00	279	1.38	35	A	4.2	1.9
B085046	8.50	216	4.00	102	11.00	279	1.38	35	B	4.2	1.9
B085048	8.50	216	3.00	76	11.00	279	1.38	35	B	4.2	1.9
B085056	7.72	196	5.67	144	11.02	280	1.38	35	B	3.2	1.5
B105002	10.50	267	5.00	127	15.00	381	1.38	35	C	5.9	2.7
B105006	10.50	267	4.00	102	10.50	267	1.38	35	A	5.2	2.4
B105020	10.50	267	4.00	102	10.50	267	1.38	35	B	3.6	1.6
B120376	12.5	318	7.8	198	15.75	400	1.89	48	D	8.0	3.6
B125011	12.5	318	5.0	127	9.0	229	1.38	35	D	6.6	3.0
B120439	12.5	318	7.78	197	15.75	400	1.57	40	A	3.5	1.6
B125003	12.50	318	6.00	152	15.00	381	1.38	35	C	7.1	3.2
B125005	12.50	318	5.50	140	9.00	229	1.38	35	D	5.0	2.3

ECC DuraLite™ Specifications

Air Cleaner Models	Body Diameter (A) in	mm	Outlet Diameter (C) in	mm	Length (D) in	mm	Outlet Length (F) in	mm	Media Type	Weight lbs	kg
C045001	4.50	114	1.50	38	4.50	114	1.38	35	C	0.6	0.27
C045002	4.50	114	1.50	38	8.00	203	1.38	35	C	0.9	0.40
C055002	5.50	140	1.75	44	7.00	178	1.38	35	C	1.0	0.45
C055003	5.50	140	1.75	44	4.00	102	1.38	35	C	1.0	0.45
C065001	6.50	165	2.00	51	4.00	102	1.38	35	C	0.8	0.36
C065002	6.50	165	2.00	51	7.50	191	1.38	35	C	1.3	0.60
C065003	6.50	165	2.25	57	5.00	127	1.38	35	C	1.0	0.45
C065015	6.50	165	2.00	61	9.00	229	1.38	35	D	2.0	0.90
C085001	8.50	216	2.50	64	4.00	102	1.38	35	C	1.4	0.64
C085002	8.50	216	2.50	64	6.50	165	1.38	35	C	2.2	1.0
C085003	8.50	216	3.00	76	5.00	127	1.38	35	C	2.2	1.0
C085004	8.50	216	3.00	76	9.50	241	1.38	35	C	3.0	1.4
C085005	8.50	216	2.50	64	5.00	127	1.38	35	C	2.2	1.0
C085006	8.50	216	2.50	64	9.50	241	1.38	35	C	3.0	1.4
C0850413	8.50	216	3.00	76	9.50	241	1.38	35	C	3.0	1.4
C0850433	8.50	216	2.50	64	9.50	241	1.38	35	C	3.0	1.4
C105003	10.50	267	4.00	102	6.00	152	1.38	35	A	2.3	1.0
C105004	10.50	267	4.00	102	10.50	267	1.38	35	A	3.6	1.6
C1050173	10.50	267	4.00	102	10.50	267	1.38	35	A	3.6	1.6
C1050283	10.5	267	4.0	102	6.0	152	1.38	35	A	3.4	1.5
C125004	12.50	318	5.00	127	11.00	279	1.38	35	A	5.8	2.6

ECD DuraLite™ Specifications

Air Cleaner Models	*Body Diameter (A)* in	mm	*Outlet Diameter (C)* in	mm	*Length (D)* in	mm	*Outlet Length (F)* in	mm	*Media Type*	*Weight* lbs	kg
D045003	4.50	114	1.50	38	4.50	114	1.38	35	C	0.6	0.27
D045004	4.50	114	1.50	38	6.00	152	1.38	35	C	0.8	0.36
D055004	5.50	140	1.75	44	7.00	178	1.38	35	C	1.0	0.45
D065003	6.50	165	2.00	51	4.00	102	1.38	35	C	0.8	0.36
D0650084	6.50	165	2.00	51	9.00	229	1.38	35	D	1.5	0.68

Specification Illustrations

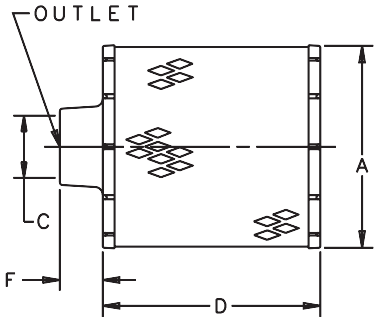
Specifications Notes:

1 - Body is galvanized steel with 4" (254mm) dia. inlet on side
2 - Body is plastic with 4" (254mm) dia. inlet on side
3 - Screen inlet deters rodent infestation
4 - Has inlet holes at both ends of filter

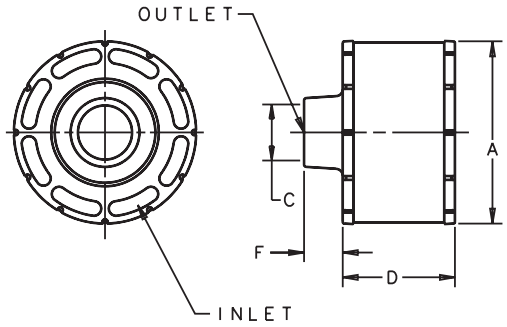
Media Types:

A = Standard cellulose media
B = Treated to withstand higher humidity; most often used in marine applications. Designed for higher airflow/low dust applications . . . should NOT be used for normal engine operating environments.
C = Reinforced to withstand higher pulsation applications
D = Designed for higher airflow/low dust applications . . . should NOT be used for normal engine operating environments

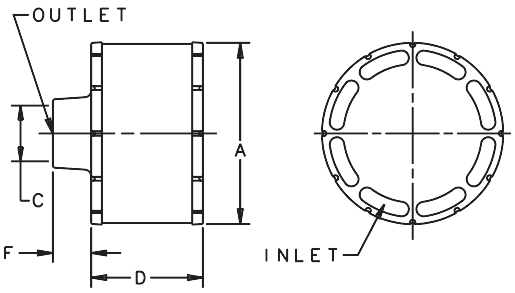
ECB DuraLite



ECC DuraLite



ECD DuraLite



Note: D065008 has inlet holes at both ends of filter

Installation Instructions

Installation

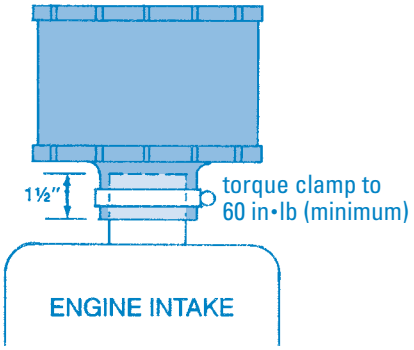
DuraLite air cleaners can be mounted in two ways:

1. **Direct Mount:** mounted directly on the intake manifold.
2. **Remote Mount:** mounted away from engine and connected to engine with inlet piping.

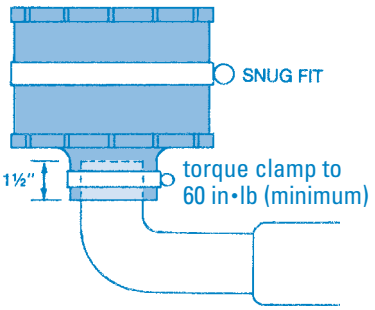
Installation Tips

- Engage outlet neck of the DuraLite over intake piping for a full 1½" to insure a secure, lasting seal.
- Tighten clamp around outlet neck to 60 in•lb minimum. A Donaldson high torque hose clamp is recommended.
- On remote mount style, avoid crushing the body with body clamps. A snug fit is best, and body clamps are not always required.
- Keep away from engine manifold and other very hot components (DuraLite is rated at 180 °F / 83 °C maximum sustained temperature).
- Keep away from battery acids, brake fluid, and other caustic fluids.

Direct Mount



Remote Mount



Service Recommendations

This servicing information is provided as a best practices guide. It is not intended to replace or supersede the service instructions supplied by your engine or vehicle manufacturer.

Servicing Intervals

Choose either of two types:

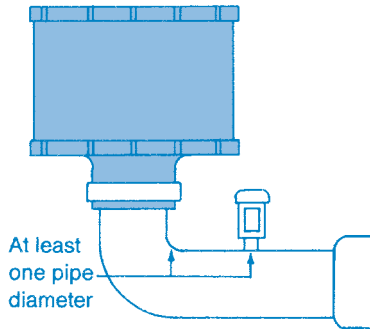
- **Scheduled (Miles or Hours).** DuraLite service intervals can be integrated into any existing maintenance program.
- **Filter Service Indicator.** This method offers the most accurate filter maintenance program, delivering maximum filter life, less machine downtime, and reduced maintenance costs.
- Washing, cleaning or servicing the filter in any way voids the warranty.

Disposal

Follow your local disposal guidelines for disposal.

Service Indicator Location

For proper restriction readings, a restriction fitting tap must be located between the engine intake and DuraLite outlet neck. The tap should be located in a straight section of the intake pipe at least one pipe diameter away from the manifold or any bends, elbows or reducers.



Servicing Tips

- Do NOT judge the filter on the basis of visual inspection! If it's doing its job, it ***should*** look dirty. DuraLite filter life is longer than you may think. Change the filter only when restriction readings indicate to do so.

- During filter change out, do NOT leave the inlet ducting exposed any longer than necessary (a few minutes) during service.
- Never wash or clean the unit for reuse.

ECO® & ECOLITE® Air Cleaners

- Lightweight
- Sturdy
- One Piece Construction

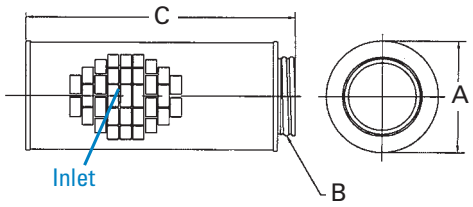
Use the initial restriction table if your selecting an air cleaner. For a direct replacement to Parker, select the air cleaner style tables.

Initial Restriction

Airflow	Air Cleaner Model
350 cfm @ 8" H_2O	P537451 ECO-SE
510 cfm @ 8" H_2O	P537452 ECO-SE
800 cfm @ 8" H_2O	P613679 ECO-SE
840 cfm @ 8" H_2O	P537453 ECO-SE
960 cfm @ 8" H_2O	P537454 ECO-SE
1000 cfm @ 5" H_2O	P537447 ECOLITE
1000 cfm @ 6" H_2O	P527586 ECO-CM
1000 cfm @ 7" H_2O	P524837 ECO-II
1100 cfm @ 6" H_2O	P537450 ECO-CM
1200 cfm @ 5" H_2O	P537448 ECOLITE
1200 cfm @ 6" H_2O	P154927 ECO-II
1230 cfm @ 8" H_2O	P607373 ECO-SE
1400 cfm @ 7" H_2O	P524838 ECO-II
1500 cfm @ 5" H_2O	P537449 ECOLITE
1500 cfm @ 7" H_2O	P528722 ECO-II
1530 cfm @ 8" H_2O	P537456 ECO-SM
1550 cfm @ 8" H_2O	P537455 ECO-SM

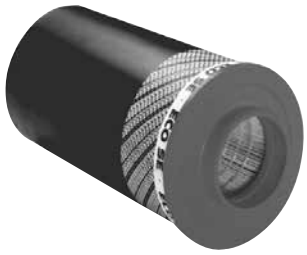
When Selecting an Air Cleaner . . .

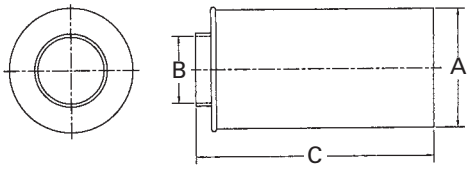
Determine the airflow requirements of your engine, then find the corresponding cfm airflow in the table at left. The restriction numbers (shown in inches of water) indicate the approximate initial restriction of each model air cleaner at that cfm. If there are two air cleaner models that fit your parameters,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



ECO®-II

Parker Number	Donaldson Number	Body Dia. (A) in	Body Dia. (A) mm	Body Length (C) in	Body Length (C) mm	Inlet Dia.	Outlet Dia. (B) I.D. in	Outlet Dia. (B) I.D. mm
071338001	P524837	9.75	248	24.0	610	Grid	6.0	152
071338002	P154927	11.0	279	24.0	610	Grid	7.0	178
071338003	P524838	13.5	343	24.0	610	Grid	7.0	178
071338004	P528722	13.5	343	18.0	457	Grid	7.0	178





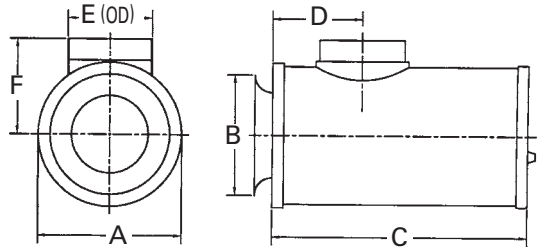
ECO®-SE

Parker Number	Donaldson Number	Body Dia. (A) in	Body Dia. (A) mm	Body Length (C) in	Body Length (C) mm	Inlet Dia.	Outlet Dia. (B) I.D. in	Outlet Dia. (B) I.D. mm
114500001	P537451	6.75	171	14.2	361	End Perf	3.0	76
114500002	P537452	7.75	197	17.2	437	End Perf	4.0	102
114500003	P537453	9.67	246	20.2	513	End Perf	5.0	127
114880003	P537454	9.70	246	18.1	460	6.0* 152*	5.0	127
114880005	P613679	7.75	197	17.20	437	6.0* 152*	4.00	102
400292000	P607373	11.50	292	16.88	429	6.0* 152*	7.00	178

* side inlet (not illustrated)

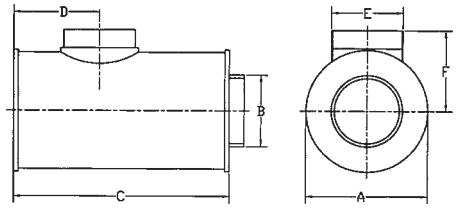
ECO®-CM

Parker Number	Donaldson Number	Body Dia. (A) in	Body Dia. (A) mm	Body Length (C) in	Body Length (C) mm	Outlet Dia. (E) in	Outlet Dia. (E) mm	Inlet Dia. (B) in	Inlet Dia. (B) mm	(D) in	(D) mm	(F) in	(F) mm
078897002	P527586	11.0	279	24.0	610	6.0	152	8.0	203	18.5	470	8.9	226
078897001	P537450	13.5	343	24.0	610	7.0	178	8.0	203	5.5	140	11.1	282



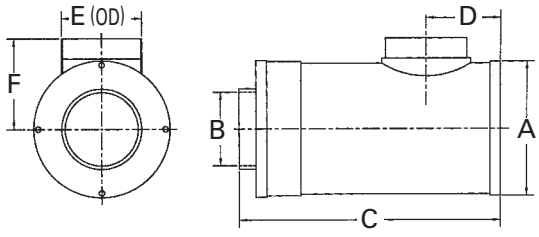
ECOLITE®

Parker Number	Donaldson Number	Body Dia. (A) in	Body Dia. (A) mm	Body Length (C) in	Body Length (C) mm	Outlet Dia. (E) in	Outlet Dia. (E) mm	Inlet Dia. (B) in	Inlet Dia. (B) mm	(D) in	(D) mm	(F) in	(F) mm
062891001	P537447	9.75	248	24.0	610	6.0	152	6.0	152	5.5	140	6.75	171
062891002	P537448	11.0	279	24.0	610	7.0	178	7.0	178	5.5	140	7.8	198
062891003	P537449	13.5	343	24.0	610	7.0	178	7.0	178	5.5	140	9.1	231



ECO®-SM

Parker Number	Donaldson Number	Body Dia. (A) in	Body Dia. (A) mm	Body Length (C) in	Body Length (C) mm	Outlet Dia. (E) in	Outlet Dia. (E) mm	Inlet Dia. (B) in	Inlet Dia. (B) mm	(D) in	(D) mm	(F) in	(F) mm
099842009	P537455	13.5	343	16.8	427	7.0	178	7.0	178	5.5	140	8.6	219
099842010	P537456	13.5	343	16.8	427	7.0	178	7.0	178	9.5	241	8.6	219



Competitive Cross Reference

Baldwin	Donaldson
PA2650	P154927
PA2721	P537447
PA2722	P537448
PA2723	P537449
PA2724	P524838
PA2731	P537450
PA2874	P527586
PA2875	P528722
PA2876	P524837
PA3493	P537454
PA3554	P537451
PA3555	P537452
PA3556	P537453

Fleetguard	Donaldson
AH1103	P154927
AH1104	P537447
AH1105	P537448
AH1106	P537449
AH1135	P524838
AH1135F	P524838
AH1183	P528722
AH1184	P537450
AH1191	P537451
AH1192	P537452
AH1193	P537453
AH1194	P524837
AH1197	P537454
AH19014	P537455
AH19015	P537456

Fram	Donaldson
CA3770	P154927
CA6622	P524837
CA6623	P524838
CA6624	P528722
CA6854	P537451
CA6855	P537453
CA7229	P537447
CA7230	P537448
CA7231	P537449
CA8129	P537452
CA8131	P537450

Luber-finer	Donaldson
LAF1799	P528722
LAF1821	P537450
LAF1825	P527586
LAF1828	P537447
LAF1844	P537449
LAF1848	P537448
LAF1934	P537454
LAF2521	P537453
LAF8002	P154927
LAF8003	P524838

Wix	Donaldson
46743	P537451
46748	P537454
46755	P537453
46759	P537452
46848	P524837
46849	P528722
46850	P154927
46851	P524838
46857	P537455
46858	P537456
46891	P537447
46893	P537448
46895	P537449
46897	P537450
546755	P537453

Durable, Corrosion-Free Air Cleaner

Improved Reliability, Superior Engine Protection, Easiest Serviceability

The EPG air cleaner series, which incorporates Donaldson RadialSeal™ 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 — without the hassle of separate sealing gaskets.

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

Whether you are going to service by miles, hours or restriction, keep accurate maintenance records and log or track your filter changes.

This EPG RadialSeal™ Air Cleaner is part of a complete Donaldson intake system. 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, has RadialSeal™ Sealing Technology that delivers a reliable seal in rugged environments and quick filter change-out.

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" (279mm), 13" (330mm), 15" (381mm)
- Temperature tolerances:
  11" (279mm) dia: -40 °F to 220°F (-40 °C to 104 °C)
  13" (330mm) 15" (381mm) dia: -40 °F to 200 °F (-40 °C to 93 °C)

Filter Features

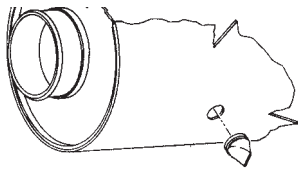
- RadialSeal™ Sealing Technology ensures reliability, is easy to service and makes the filter self-centering, self-aligning and self-sealing
- All models can accommodate safety filter
- Donaldson Blue™ high efficiency and extended service filters — which capture sub-micron contaminant such as soot and carbon — are available for some models (see service parts listing on page 55)

The Better Alternative to Drain Holes

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 back splash, but the Vacuator™ Valve never does. The P525956 is a 1" (25mm) diameter model designed for over-highway applications.

Installation is fast and easy:

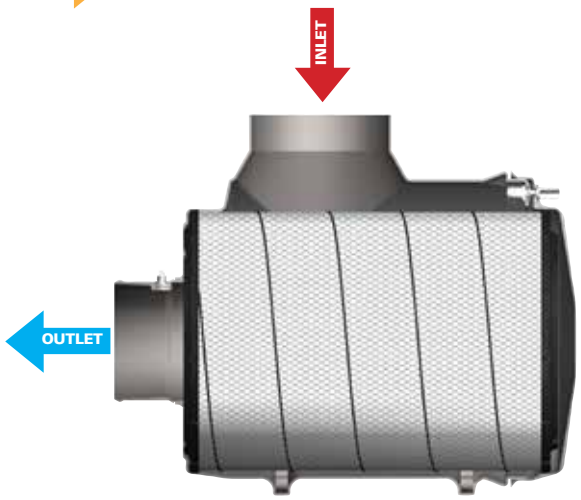
1. Locate the lowest point of the air cleaner to allow proper drainage through Vacuator Valve.
2. Remove filter(s) before drilling.
3. Drill a 1" (25mm) hole centered at the lowest point of the air cleaner as shown in illustration. Remove debris from drilling.
4. Install Vacuator Valve (P525956) by pushing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



EPG Air Cleaners

Donaldson FILTRATION SOLUTIONS

FLOW G — Air in the Side, Out the End (standard flow filters)

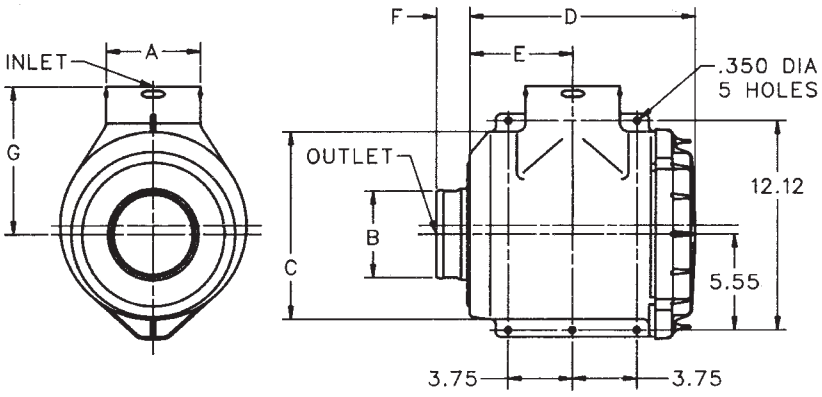


Initial Airflow Restriction

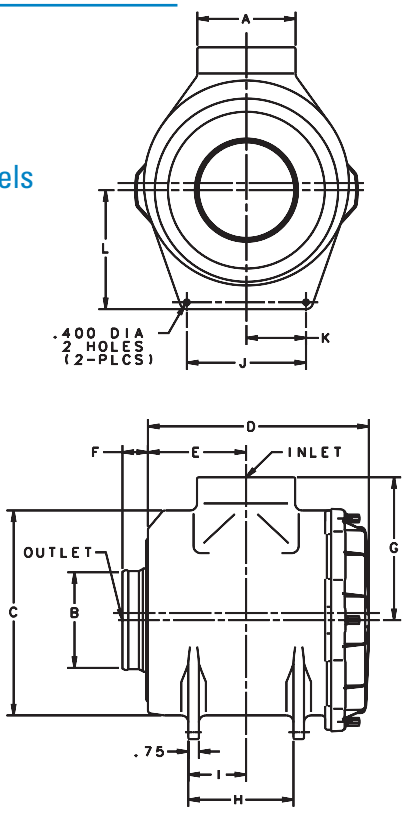
Airflow	Air Cleaner Model
MODELS WITH PRIMARY & SAFETY FILTER	
450 cfm @ 5.5" H_20	G110120
650 cfm @ 6" H_20	G130089
800 cfm @ 5.5" H_20	G150049
MODELS WITH PRIMARY FILTER	
625 cfm @ 5.5" H_20	G110119
950 cfm @ 10" H_20	G130079
1325 cfm @ 8" H_20	G150048

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 & Accessories

G110119 EPG

Cover	P529151
Elbow, 45°	P109021
Elbow, 90°	P107844
Elbow, 90° reducing	P143895
Fastener kit	X006452
Filter, primary-Donaldson Blue™	DBA5067
Filter, primary - SM	P527484 3
Filter, safety	P527680 4
Hump hose	P105610
Informer™ indicator 25" H_2O	X002277
Inlet hood, plastic	H000604
Outlet band clamp	P148345
Thumb screw	P527435
Vacuator™ Valve	P525956

G110120 EPG

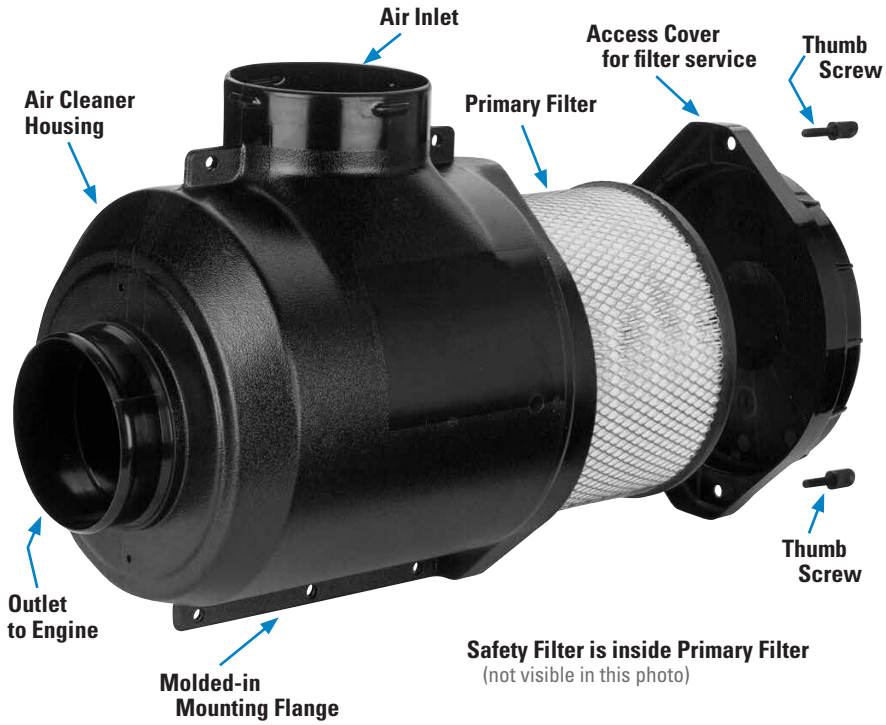
Cover	P529151
Elbow, 45°	P109021
Elbow, 90°	P107844
Elbow, 90° reducing	P143895
Fastener kit	X006452
Filter, primary-Donaldson Blue™	DBA5067
Filter, primary - SM	P527484 3
Filter, safety	P527680 3
Hump hose	P105610
Informer™ indicator 25" H_2O	X002277
Inlet hood, plastic	H000604
Outlet band clamp	P148345
Thumb screw	P527435
Vacuator™ Valve	P525956

G130079 EPG

Cover	P533916
Elbow, 45°	P109021
Elbow, 90°	P107844
Elbow, 90° reducing	P143895
Fastener kit	X006452
Filter, primary - SM	P533930 3
Filter, primary-Donaldson Blue™	DBA5109
Filter, safety	P533890 4
Hump hose	P105610
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000275
Inlet hood, plastic	H000606
Outlet band clamp	P148345
Thumb screw	P527435
Vacuator™ Valve	P525956

G130089 EPG

Cover	P533916
Elbow, 45°	P109021
Elbow, 90°	P107844
Elbow, 90° reducing	P143895
Fastener kit	X006452
Filter, primary - SM	P533930 3
Filter, primary-Donaldson Blue™	DBA5109
Filter, safety	P533890 3
Hump hose	P105610
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000275
Inlet hood, plastic	H000606
Outlet band clamp	P148345
Thumb screw	P527435
Vacuator™ Valve	P525956



Safety Filter is inside Primary Filter
(not visible in this photo)

11" Model Shown

G150048 EPG

Cover	P523096
Elbow, 45°	P105548
Elbow, 90°	P105536
Fastener kit	X006452
Filter, primary-Donaldson Blue™	DBA5069
Filter, primary - SM	P527682 3
Filter, safety	P527683 4
Hump hose	P105613
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000339
Inlet hood, plastic	H000607
Outlet band clamp	P148348
Thumb screw	P527435
Vacuator™ Valve	P525956

G150049 EPG

Cover	P523096
Elbow, 45°	P105548
Elbow, 90°	P105536
Fastener kit	X006452
Filter, primary - SM	P527682 3
Filter, primary-Donaldson Blue™	DBA5069
Filter, safety	P527683 3
Thumb screw	P527435
Hump hose	P105613
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000339
Inlet hood, plastic	H000607
Outlet band clamp	P148348
Vacuator™ Valve	P525956

X006452 Fastener Kit
Includes Fasteners and 1 Thumb Screw

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)

SM= Scheduled Maintenance
Donaldson Blue™ = High Efficiency, Extended Service

EPG Air Cleaners
Service Instructions

Donaldson FILTRATION SOLUTIONS

This servicing information is provided as a best practices guide. It is not intended to replace or supersede the service instructions supplied by your engine or vehicle manufacturer.

1 Check the Restriction

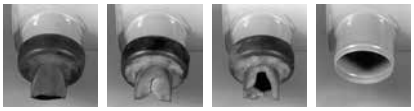
Measure the restriction of the air cleaner with a Donaldson filter service indicator, service gauge or water manometer. Use the restriction tap provided on the air cleaner or at the transfer pipe. Replace the filter only when the restriction level has reached the maximum recommended by the engine or equipment manufacturer or on a regular service schedule.

2 Remove the Filter

Unfasten or unlatch the service cover. The RadialSeal™ filter fits tightly over the outlet tube to create the critical seal, so there will be some initial resistance, similar to breaking the seal on a jar. Gently move the end of the filter back and forth to break the seal. Rotate while pulling the filter straight out. Avoid knocking the filter against the housing.

3 Clean Out the Vacuator™ Valve

Remove the Vacuator Valve and clean out any dust found in the drop tube. Reinstall Vacuator Valve or replace if found worn or damaged. If your air cleaner is equipped with a Vacuator Valve, visually check and physically squeeze it.



Make sure the valve is flexible and not inverted, damaged or plugged. Replace it if damaged or if it looks like any of these images. A damaged or missing Vacuator™ Valve will disrupt the designed flow of air through the air cleaner.

4 Inspect the Old Filter

Inspect the old filter for any signs of leaks. A streak of dust on the clean side of the filter is a telltale sign. Eliminate any source of air leaks before installing the new primary filter.

5 Visually Inspect the Safety Filter

If your air cleaner has a safety filter, do a visual inspection for damage. Verify that the safety filter is properly seated in the housing. Do not remove the safety filter unless it is damaged or due for replacement. The safety filter should be replaced every three primary filter changes. When you remove the safety filter, replace it immediately or make sure you cover the air cleaner outlet tube to avoid admitting any contaminant.

6 Clean Both Surfaces of the Outlet Tube

Use a clean damp cloth to wipe the filter sealing surface and the inside of the outlet tube. Contaminant on the sealing surface could hinder an effective seal and cause leakage.

7 Inspect the New Filter

Visually inspect the new filter, paying special attention to the sealing area which is inside the open end.

As you inspect the filter's RadialSeal take care not to wipe the sealing surface. The factory has placed a dry lubricant on the seal which aids in installation and removal. NEVER install a damaged filter.

8 Insert the New Filter Properly

If you're servicing the safety filter at this change-out, carefully seat it into position before installing the primary filter. Seat the filter by hand, making certain it is completely inserted into the air cleaner housing before securing the cover in place. To complete a tight seal, apply pressure by hand at the outer rim of the filter, not the flexible center.

Never use the service cover to push the filter into place since no cover pressure is required to hold the seal. Using the cover to apply pressure could damage the housing and cover fasteners, and will void the warranty.

If the new filter is not fully in place, remove the cover and push the filter further into the air cleaner with hand pressure on the outer rim. The cover should then go on with no extra force. Then secure the service cover.

9 Check Connectors for a Tight Fit

Make sure restriction indicators are reset and in proper working order.

Verify that all mounting bands, clamps, bolts, and connections in the entire air cleaner system are tight.

Check for holes in piping and repair or replace as needed. Any leaks in the intake piping will admit dust directly to the engine.

Cowl-Mounted Air Cleaner

Superior Protection with RadialSeal™ Sealing Technology

Looking for a replacement to our older EBA cylindrical-shaped axial seal style air cleaner? Our ERA RadialSeal™ air cleaner series delivers a reliable filtration system for your engine and simplifies filter service.

Our older, classic EBA cowl-mounted air cleaner (shown on the right) has been replaced with our ERA Air Cleaner.

EBA replacement filters are still available through your local Donaldson outlet.

Applications

- Light dust, single-stage air cleaner
- Vertical installation, mounted on the side of the truck
- Primarily for on-highway trucks
- Can be installed on driver or passenger's side
- Allows up to 1350 cfm airflow throughput per air cleaner

(Mounting the unit directly to the engine is not recommended)

Air Cleaner Features

- Black, corrosion and chemical resistant polymer paint retains its finish through all types of weather
- Available in 11" (279mm), 13" (330mm) and 15" (381mm) diameter sizes
- Order inlet hoods separately
- Double airflow throughput by using two air cleaners
- Vacuator™ Valve automatically expels moisture from bottom of housing

The ERA Style air cleaner has RadialSeal sealing technology and fewer access bolts to remove during service compared to our old EBA air cleaner design.

The exterior finish is glossy black, polymer paint.

Don't forget to protect the air cleaner from rain and exposure, by adding an inlet hood to the intake flange on the service cover. Pre-cleaner inlet hoods are featured in the accessories section.

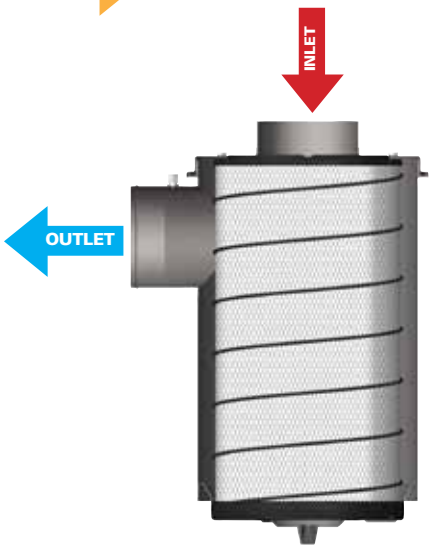
Filter Features

- RadialSeal sealing technology — high tech resilient urethane ends that hold the filter firmly in place and maintain a tight, reliable seal — reduces the number of components and ensures reliability
- High efficiency, extended service, Donaldson Blue™ filters are available on some models (see service parts list on page 60 for part numbers)

Donaldson BLUE™

FLOW

Air in the End, Out the Side (reverse flow filters)



When Selecting an Air Cleaner . . .

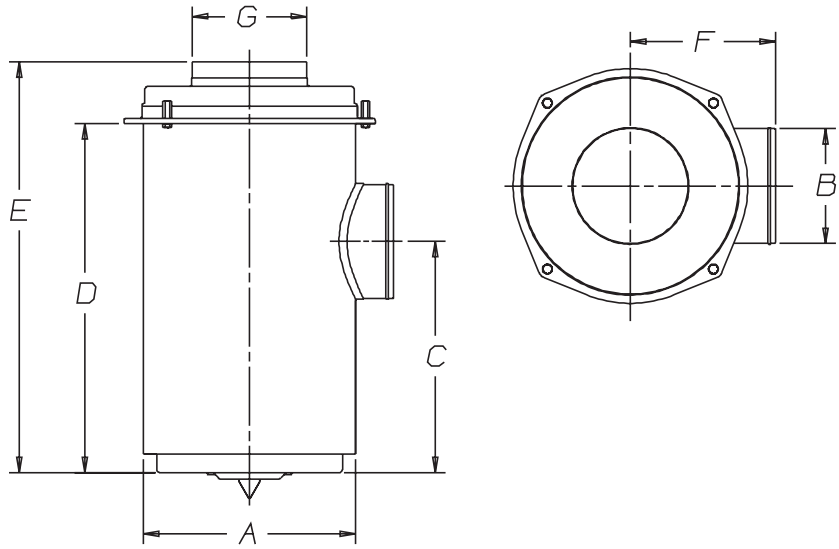
Determine the airflow requirements of your engine, then find the corresponding cfm airflow in the table at right. The restriction numbers (shown in inches of water) indicate the approximate initial restriction of each model air cleaner at that cfm. If there are two air cleaner models that fit your parameters,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

Initial Airflow Restriction

CFM @ "H_2O 6"	8"	10"	Air Cleaner Model
ERA AIR CLEANER			
750	870	970	A110052
760	880	890	A130115
760	880	980	A150141
1045	1205	1350	A150138

ERA Specification Illustrations

Side and Top View



ERA Specifications

Air Cleaner Models	Body Diameter (A) in	mm	Outlet Diameter (B) in	mm	Outlet Location (C) in	mm	Body Length (D) in	mm	Overall Length (E) in	mm	Outlet Location (F) in	mm	Inlet Dia. OD (G) in	mm	Service Clearance in	mm	Service Indicator Tap	Weight lbs	kg
A110052	11.00	279	5.50	140	17.07	434	20.39	518	23.70	602	9.36	238	6.00	152	20.00	508	Yes	24	11
A130115	13.00	330	6.00	152	16.69	424	20.19	513	22.95	265	10.42	265	6.00	152	20.00	508	Yes	29	13
A150141	15.00	381	6.00	152	16.90	429	20.38	518	23.14	588	11.90	302	6.00	152	20.00	508	Yes	32	15
A150138	15.00	381	7.00	178	19.25	489	24.38	619	27.69	7.03	11.90	302	7.00	178	24.00	610	Yes	36	16

ERA Service Parts & Accessories

Requires Inlet Hood — See Accessories section for choices and order separately.

A110052 ERA

Bolt	P119463
Cover	P544744
Elbow, 45°	P105546
Elbow, 90°	P105534
Elbow, 90° reducing	P128990
Filter, primary-Donaldson Blue™	DBA5148
Filter, primary - SM	P544741 3
Gasket, cover	P155211
Hump hose	P105611
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000275
Inlet hood, plastic	H000606
Mounting band, black, metal	P004079
Nut, plastic	P119325
Outlet band clamp	P148346
Retaining ring	P129469
Vacuator™ Valve	P149099

A130115 ERA

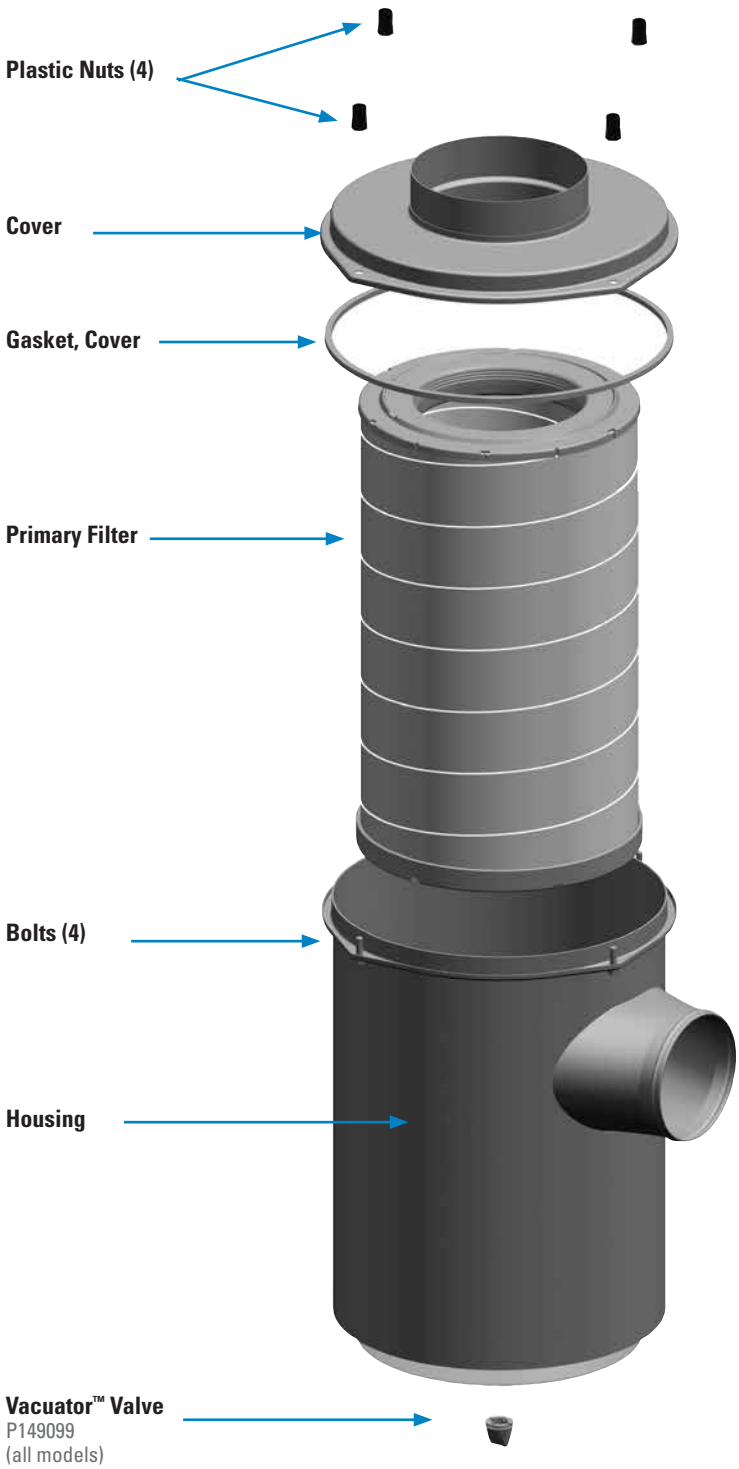
Bolt	P119463
Cover	P542475
Filter, primary - SM	P544950 3
Filter, primary-Donaldson Blue™	DBA5149
Gasket, cover	P155264
Mounting band, black	P013722
Nut, plastic	P119325
Retaining ring	P129469
Vacuator™ Valve	P149099

A150141 ERA

Bolt	P119463
Cover	P544827
Elbow, 45°	P105547
Elbow, 90°	P105535
Filter, primary-Donaldson Blue™	DBA5151
Filter, primary - SM	P544243 3
Gasket, cover	P535559
Hump hose	P105612
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000275
Inlet hood, plastic	H000606
Mounting band, metal, black	P016845
Nut, plastic	P119325
Outlet band clamp	P148347
Retaining ring	P129469
Vacuator™ Valve	P149099

A150138 ERA

Bolt	P119463
Cover	P544238
Elbow, 45°	P105548
Elbow, 90°	P105536
Filter, primary-Donaldson Blue™	DBA5150
Filter, primary - SM	P544301 3
Gasket, cover	P535559
Hump hose	P105613
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000339
Inlet hood, plastic	H000607
Mounting band, black, metal	P016845
Nut, plastic	P119325
Outlet band clamp	P148348
Retaining ring	P129469
Vacuator™ Valve	P149099



NOTES:

3 =Shipped with air cleaner initially

SM = Scheduled Maintenance

Donaldson Blue™ = High Efficiency, Extended Service

This servicing information is provided as a best practices guide. It is not intended to replace or supersede the service instructions supplied by your engine or vehicle manufacturer.

1 Check the Restriction

Replace the filter only when the restriction level has reached the maximum recommended by the engine or equipment manufacturer or on a regular service schedule. Restriction indicators, mounted on the air cleaner system are recommended for keeping an eye on restriction levels and indicating when servicing is due.

2 Remove the Filter

Unfasten or unlatch the service cover.

Because the filter fits tightly over the outlet tube to create the critical seal, there will be some initial resistance, similar to breaking the seal on a jar. Gently move the end of the filter back and forth to break the seal. Rotate while pulling the filter straight out. Avoid knocking the filter against the housing.

3 Check the Vacuator™ Valve

If your air cleaner is equipped with a Vacuator Valve, visually check and physically squeeze it. Make sure the valve is flexible and not inverted, damaged or plugged.

4 Inspect the Old Filter

Inspect the old filter for any signs of leaks. A streak of dust on the clean side of the filter is a telltale sign. Eliminate any source of air leaks before installing the new primary filter.

5 Clean Both Surfaces of the Outlet Tube

Use a clean damp cloth to wipe the filter sealing surface and the inside of the outlet tube. Contaminant on the sealing surface could hinder an effective seal and cause leakage.

Continued on next page

ERA Air Cleaners
Service Instructions

Donaldson FILTRATION SOLUTIONS

6 Inspect the New Filter

Visually inspect the new filter, paying special attention to the sealing area which is inside the open end. As you inspect the filter's RadialSeal™ take care not to wipe the sealing surface. The factory has placed a dry lubricant on the seal which aids in installation and removal.

NEVER install a damaged filter.

7 Insert the New Filter

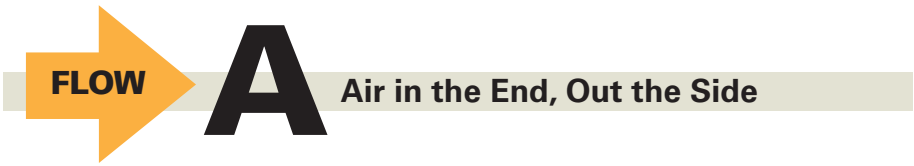
Seat the filter by hand, making certain it is completely inserted into the air cleaner housing before securing the cover in place. To complete a tight seal, apply pressure by hand at the outer rim of the filter, not the flexible center. Never use the service cover to push the filter into place since no cover pressure is required to hold the seal.

Note that a cover gasket is usually supplied with ERA replacement filters. It is important that it be fitted at the same time as the new filter to ensure that the housing is airtight.

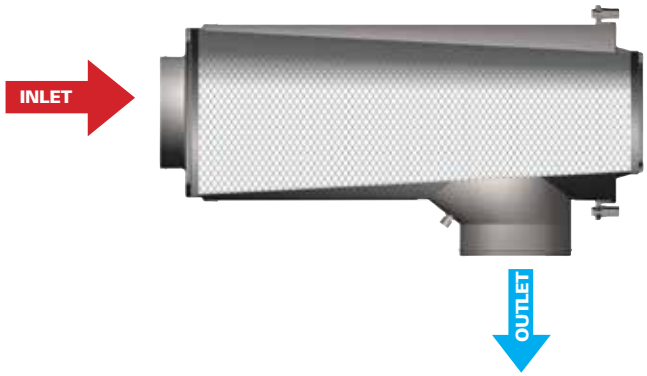
Using the cover to apply pressure could damage the housing and cover fasteners, and will void the warranty. If the new filter is not fully in place, remove the cover and push the filter further into the air cleaner with hand pressure on the outer rim. The cover should then go on with no extra force. Then, secure the service cover.

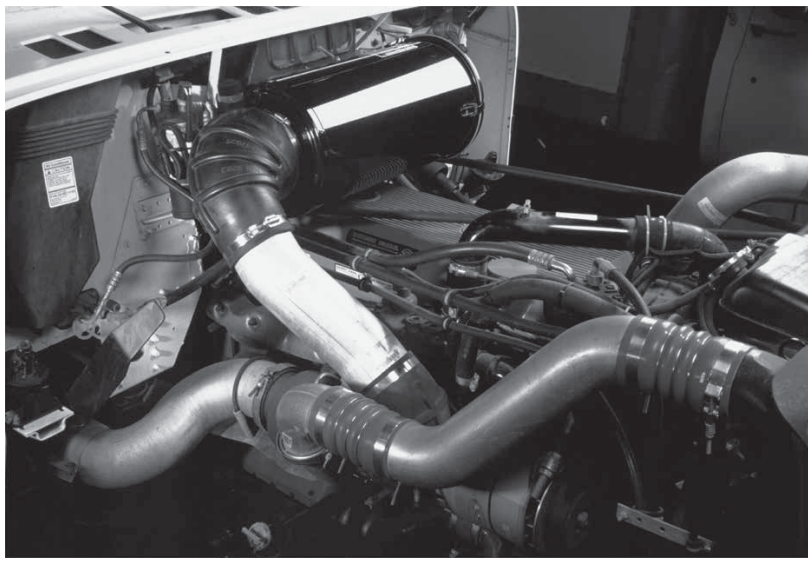
8 Check Connectors for a Tight Fit

Make sure restriction indicators are reset and in proper working order. Verify that all mounting bands, clamps, bolts, and connections in the entire air cleaner system are tight. Check for holes in piping and repair or replace as needed. Any leaks in the intake piping will admit dust directly to the engine.



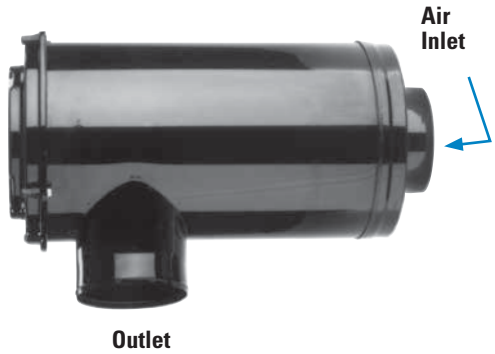
Air in the End, Out the Side





Because of the cone-shaped filter inside the housing, EBA Konepac™ is smaller in size compared to the ERA without sacrificing airflow. This allows trucks to meet width requirements in all states.

Picture of A112018 air cleaner with service cover on the opposite end of the inlet.



Applications

- Light-dust, single-stage air cleaner
- Typically mounted horizontally, underhood.

When Selecting an Air Cleaner . . .

Service parts for this axial style air cleaner may not be available due to newer filtration technology and housing designs. Donaldson now recommends RadialSeal™ style air cleaners for new applications.

If you do prefer this air cleaner style, please use the air cleaner selection steps outlined on the inside cover to determine which air cleaner is best for your engine.

Initial Airflow Restriction

CFM @ "H_2O 6"	8"	10"	Air Cleaner Model
STYLE KPI			
1150	1300	1475	A112018
STYLE KPII			
875	1000	1130	A092037
1140	1300	1450	A112078
1400	1640	1850	A132001

Looking for the EBA Cylindrical models?

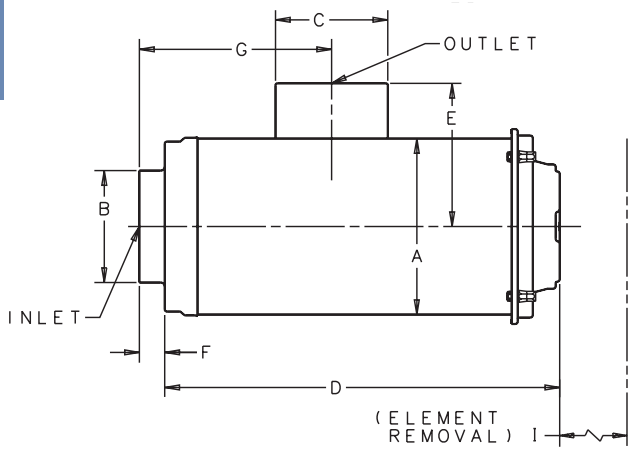
The four models previously available have been replaced by a more reliable ERA RadialSeal style air cleaner design. The ERA models are a direct replacement to the older axial seal air cleaner models.

A110009 use A110052
A150039 use A150141
A130045 use A130115
A150128 use A150138

EBA Konepac™ Specification Illustrations

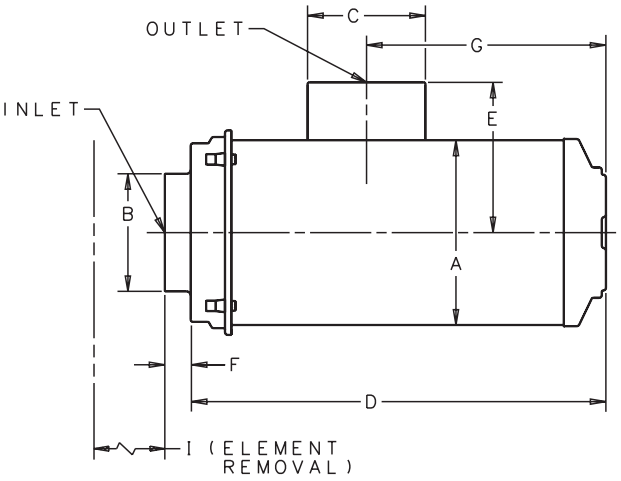
Style Konepac I (KPI)

Service cover opposite the inlet end



Style Konepac II (KPII)

Service cover on inlet end

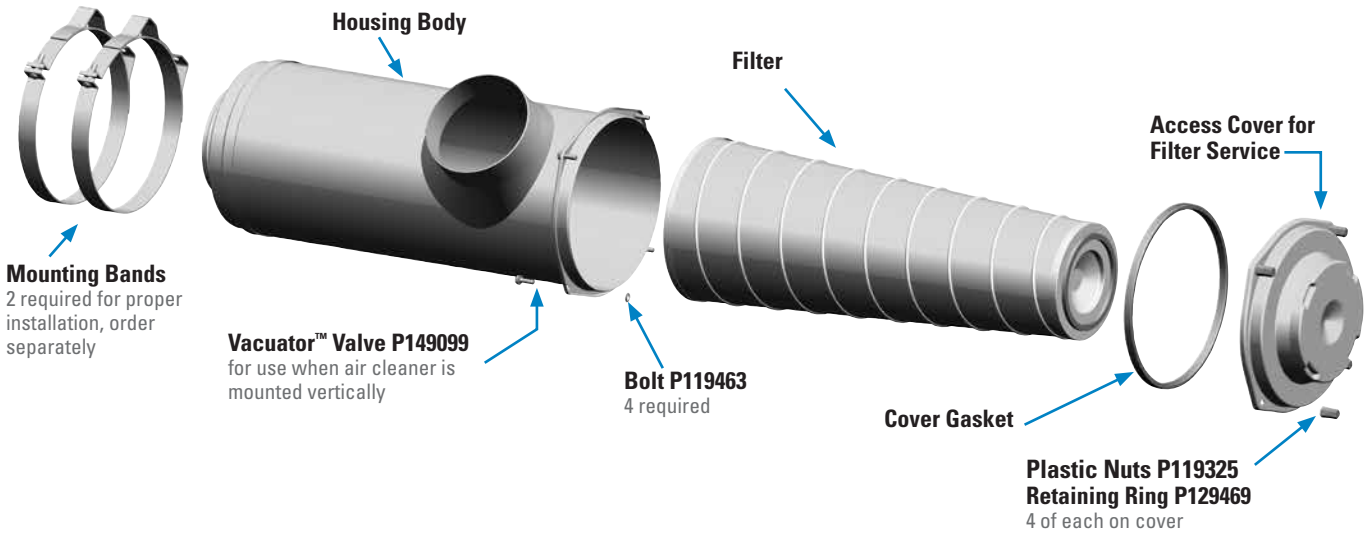


EBA Konepac™ Specifications

Air Cleaner Models	Body Diameter (A) in	mm	Inlet Diameter (B) in	mm	Outlet Diameter (C) in	mm	Length (D) in	mm	(E) in	mm	Inlet Length (F) in	mm	(G) in	mm	Service Clearance (I) in	mm	Service Indicator Tap	Weight lbs	kg
STYLE KPI																			
A112018	11.00	279	7.00	178	7.00	178	28.62	727	8.95	227	1.58	40	22.20	564	28.00	711	Yes	39.0	17.8
STYLE KPII																			
A092037	9.00	229	6.00	152	6.00	152	28.63	727	7.85	199	1.18	30	10.00	443	27.62	702	Yes	21.5	9.5
A112078	11.00	279	7.00	178	7.00	178	28.67	728	8.95	227	1.58	40	8.00	203	28.00	711	Yes	30.0	13.6
A132001	13.00	330	8.00	203	8.00	203	28.59	726	10.00	254	2.38	60	7.50	191	28.00	711	No	42.0	19.0

EBA Konepac Service Parts & Accessories

(KPII style shown)



A092037 Style KPII

Elbow, 45°	P105547
Elbow, 90°	P105535
Filter, primary	P140822
Filter, primary-Donaldson Blue™	DBA5025
Filter, primary treated	P129472 1,3
Hump hose	P105612
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000275
Inlet hood, plastic	H000606
Mounting bands, metal	P004073
Nut, plastic	P119325
Outlet band clamp	P148347
Retaining ring	P129469
Vacuator™ Valve	P149099

A112018 EBA KPI

Elbow, 45°	P105548
Elbow, 90°	P105536
Filter, primary	P151097 3
Filter, primary-Donaldson Blue™	DBA5024
Filter, primary treated	P129396 1
Gasket, cover	P155211
Hump hose	P105613
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000339
Inlet hood, plastic	H000607
Mounting band, metal	P004079 2
Nut, plastic	P119325
Outlet band clamp	P148348
Retaining ring	P129469
Vacuator™ Valve	P149099

A112078 EBA KPII

Elbow, 45°	P105548
Elbow, 90°	P105536
Filter, primary	P151097
Filter, primary-Donaldson Blue™	DBA5024
Filter, primary treated	P129396 1,3
Gasket, cover	P155211
Hump hose	P105613
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000339
Inlet hood, plastic	H000607
Mounting band, metal	P004079 2
Nut, plastic	P119325
Outlet band clamp	P148348
Retaining ring	P129469
Vacuator™ Valve	P149099

A132001 EBA KPII

Elbow, 45°	P112606
Elbow, 90°	P112605
Filter, primary	P141228 3
Filter, primary -Donaldson Blue™	DBA5026
Gasket, cover	P155264
Hump hose	P112608
Informer™ indicator 25" H_2O	X002277
Inlet hood, plastic	H001053
Mounting band, metal	P013722 2
Nut, plastic	P119325
Outlet band clamp	P148349
Retaining ring	P129469
Vacuator™ Valve	P149099

NOTES:

1 = Filter is treated with chemical for carbon resistance and is not cleanable
2 = Two required for proper installation
3 = Shipped with air cleaner initially

Donaldson Blue™ = High Efficiency, Extended Service

EBA Konepac™ Air Cleaners
Service Instructions

Donaldson FILTRATION SOLUTIONS

This servicing information is provided as a best practices guide. It is not intended to replace or supersede the service instructions supplied by your engine or vehicle manufacturer.

1 Check the Restriction

Measure the restriction of the air cleaner with a Donaldson filter service indicator, service gauge, or a water manometer.

Replace the filter only when the restriction level has reached the maximum recommended by the engine or equipment manufacturer or on a regular service schedule.

2 Gently Remove the Old Filter

Switch the engine off. Handle the dirty filter gently, until it is clear of the air cleaner housing. Accidental bumping will shake dirt loose inside the filter housing.

3 Clean the Inside of the Housing

Always clean the inside of the housing. Dirt left in the air cleaner housing can potentially damage your engine.

Use a clean, damp cloth to wipe every surface clean. Ensure that the outlet tube sealing area is clean and undamaged.

4 Check the Inside Visually Before Installing the Filter

Always clean the gasket sealing surface. An improper gasket seal is one of the most common causes of engine contamination. Make sure that all hardened dirt ridges are completely removed, both on the bottom and top of the air cleaner housing.

Check for uneven dirt patterns. Your old filter has valuable clues to dust leakage or gasket sealing problems. A pattern on the filter's clean side is a sign that the old filter was not firmly sealed or that a dust leak exists. Identify the cause of that leak and rectify it before installing a new filter.

5 Inspect the New Filter Before Installation

Check the new filter, but don't install if it appears damaged. Check that the gasket is easily compressible and springs back promptly when finger pressure is released.

6 Install the New Filter

It is important to change the new supplied cover gasket with each filter service. Ensure that the filter is the correct size for the housing and install the filter, making sure the gasket seats evenly for a perfect seal. Without a proper seal, dirty air can by-pass the filter.

7 Ensure Air-tight Fit on All Connections and Ducts

Check that all clamps and flange joints are tight, as well as the air cleaner mounting bands. Attend to any leaks immediately to avoid dirt directly entering your engine. If the vehicle is fitted with air brakes, it is important to check the clean air supply hose which feeds the air brake compressor.

High Airflow in Compact Size for Horizontal Installation

Upgrade Path

To upgrade, consider the Donaldson EPG air cleaner or PSD air cleaners that use newer filtration technologies.

Applications

- Airflow range 775 to 1600 cfm airflow throughput per air cleaner
- Horizontal installation, side inlet
- Over-highway trucks: horizontal under hood or behind cab
- Buses: under hood

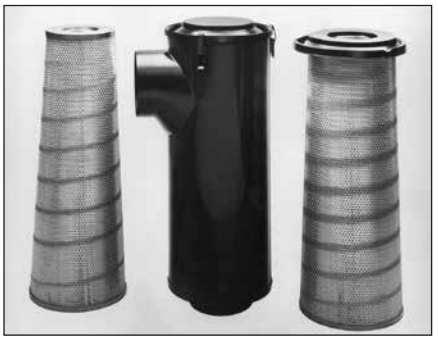
Air Cleaner Features

- Relatively small air cleaner with high airflow
- Designed for horizontal installation with side inlet
- Housing is metal and coated with a corrosion and chemical resistant polymer paint
- Direct engine mounting is not recommended due to excessive engine vibration
- All models have service access cover opposite the outlet end of the air cleaner

Filter Features

- Cone shaped filters, which we call Konepac, allow maximum media in a small package (one filter is shipped with each air cleaner)
- Other filter performance options, including Donaldson Blue™ high efficiency, extended service filters, are available on some models (see service parts list on pages 70 and 71 for part numbers)

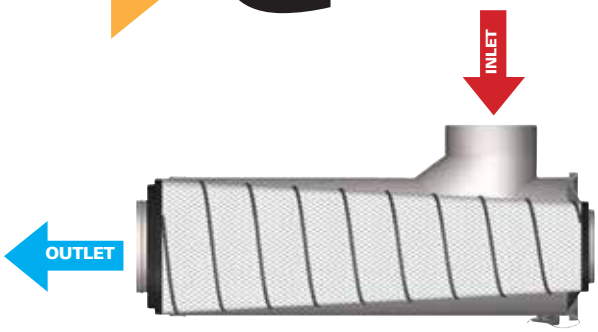
The latched service cover on the ECG Konepac allows for easy access to the filter for change out.



ECG Konepac with Latched Service Access
Left: *a standard media filter, which is available with either standard or carbon-resistant media.* ***Middle:*** *the ECG Konepac™ metal air cleaner housing.*
Right: *an extended service filter*

ECG Konepac with Perforated Inlet — an alternative to disposable style housings. You'll get the economy of replacing the filter instead of the entire unit each time. The perforated inlet on the side of this G112417 housing (middle) is the same as the disposable's, so conversion is direct and easy. ***Left:*** *Extended service filter.* ***Right:*** *Filter designed for scheduled maintenance.*

FLOW G — Air in the Side, Out the End (standard flow filters)



When Selecting an Air Cleaner . . .

Service parts for this axial style air cleaner may not be available due to newer filtration technology and housing designs. Donaldson now recommends one of two other families — the EPG or PCD.

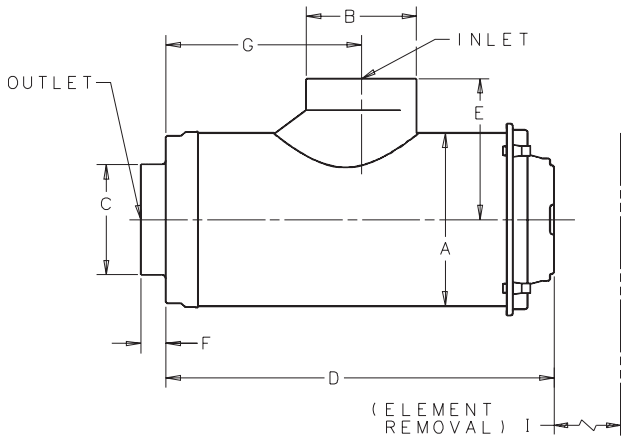
Initial Airflow Restriction

CFM @ "H_2O 6"	8"	10"	Air Cleaner Model
MODELS WITH BOLTED SERVICE ACCESS			
775	880	1000	G092001
1100	1300	1425	G112001
1200	1400	1550	G132000
MODELS WITH LATCHED SERVICE ACCESS			
800	925	1040	G092401
1200	1400	1600	G112404
1200	1400	1600	G112417[1]
1200	1400	1600	G112501
1200	1400	1600	G112504

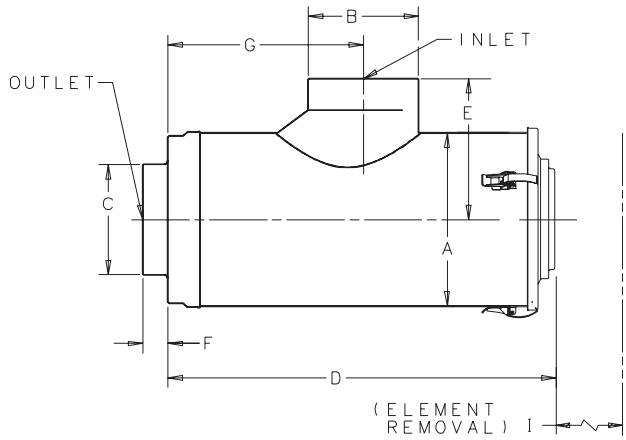
1 - No inlet tube, perforated inlet holes on side

ECG Konepac™ Specification Illustrations

Bolted Service Access



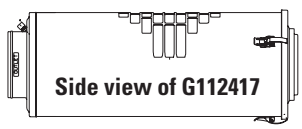
Latched Service Access



ECG Konepac Specifications

Air Cleaner Models	Body Diameter (A) in	mm	Inlet Diameter (B) in	mm	Outlet Diameter (C) in	mm	Overall Length (D) in	mm	(E) in	mm	Inlet Length (F) in	mm	(G) in	mm	Service Clearance in	mm	Service Indicator Tap	Weight lbs	kg
BOLTED SERVICE ACCESS																			
G092001	9.00	229	6.00	152	6.00	152	28.63	727	7.85	199	1.18	30	18.63	473	27.62	702	No	30	14
G112001	11.00	279	7.00	178	7.00	178	28.62	727	8.95	227	1.58	40	20.62	524	27.00	686	No	38	17
G132000	13.00	330	7.00	178	7.00	178	24.59	625	9.54	242	2.38	60	18.25	464	27.62	702	No	36	16
LATCHED SERVICE ACCESS																			
G092401	9.00	229	6.00	152	6.00	152	28.70	729	7.86	200	1.18	30	21.75	553	27.62	702	No	30	14
G112404	11.00	279	7.00	178	7.00	178	22.70	577	8.97	228	2.00	51	12.32	313	22.00	559	Yes	33	15
G112417[1]	11.00	279	--	--	7.00	178	28.70	729	--	--	2.00	51	15.11	384	28.00	711	Yes	30	14
G112501	11.00	279	7.00	178	7.00	178	28.30	719	8.97	228	2.00	51	21.22	539	28.00	711	Yes	23	10
G112504	11.00	279	7.00	178	7.00	178	22.30	566	8.97	228	2.00	51	12.32	313	22.00	559	Yes	20	9

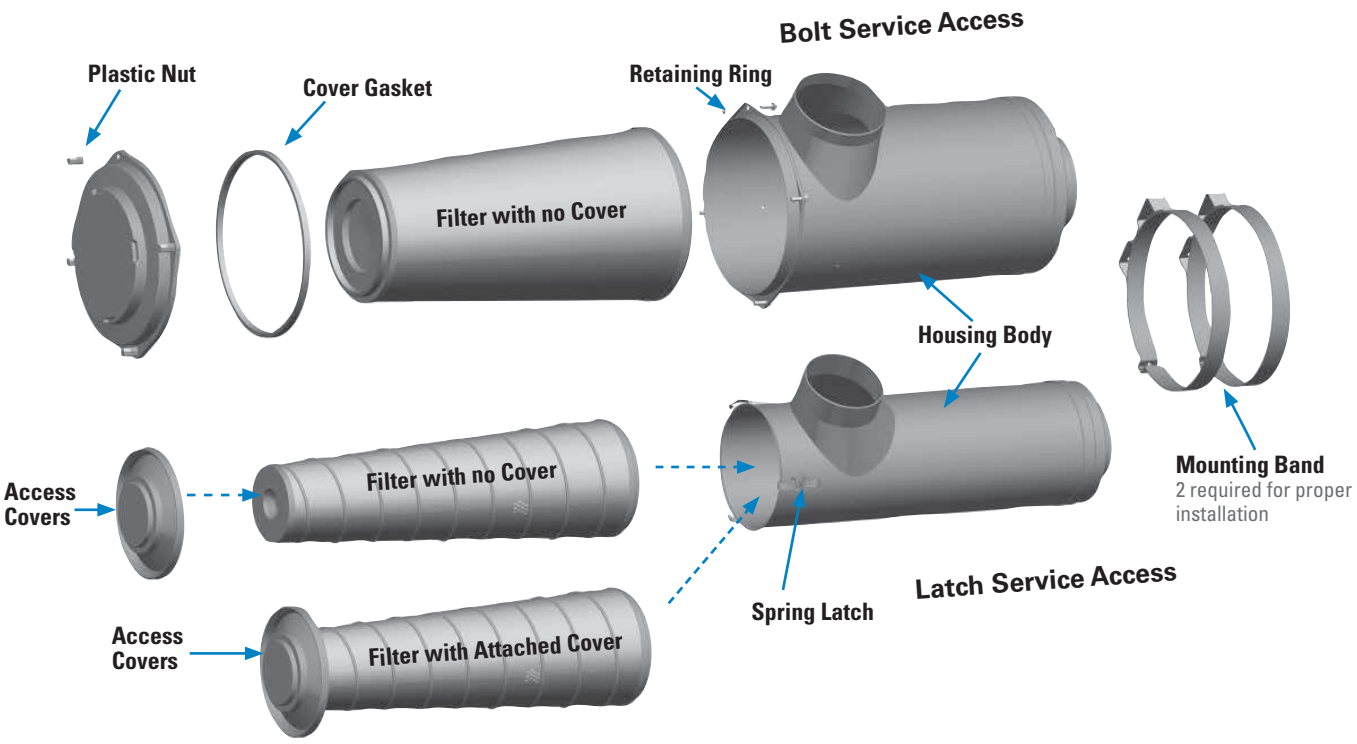
1 - This model has no inlet tube; inlet consists of rectangular perforated holes on side of housing.



Side view of G112417

ECG Konepac™ Air Cleaners

ECG Konepac Service Parts



ECG Konepac Service Parts & Accessories

G092001 Bolted Service Cover

Elbow, 45°	P105547
Elbow, 90°	P105535
Filter, primary, no cover, treated	P148044 1,3
Hump hose	P105612
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000275
Inlet hood, plastic	H000606
Mounting band, metal	P004073 2
Nut, plastic	P119325
Outlet band clamp	P148347
Retaining ring	P129469

G092401 Latch Service Cover

Elbow, 45°	P105547
Elbow, 90°	P105535
Filter, primary, attached cover	P150693 6
Filter, primary, no cover	P150692 3
Filter, primary, no cover, treated	P148044 1
Hump hose	P105612
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000275
Inlet hood, plastic	H000606
Mounting bands, metal	P004073
Outlet band clamp	P148347
Spring latch replacement kit	X006201

G112001 Bolt Service Cover

Elbow, 45°	P105548
Elbow, 90°	P105536
Filter, primary, no cover, treated	P148043 1,3
Gasket, cover	P155211
Hump hose	P105613
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000339
Inlet hood, plastic	H000607
Kit	X006201
Mounting band, metal	P004079 2
Nut, plastic	P119325
Outlet band clamp	P148348
Retaining ring	P129469

G112404 Latch Service Cover

Cover	P150862
Elbow, 45°	P105548
Elbow, 90°	P105536
Filter, primary, attached cover	P153551
Filter, primary, attached cover - ES & HE	DBA5053
Filter, primary, no cover, treated	P154575 1,3
Gasket, cover	P536493
Hump hose	P105613
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000339
Inlet hood, plastic	H000607
Mounting bands, metal	P004079
Outlet band clamp	P148348
Spring latch replacement kit	X006201

Latch Replacement Kit
X009291

ECG style air cleaners have three cover latches that need to perform correctly to ensure the filter gasket is sealing properly. These latches should be checked for tightness and wear. To check for tightness, close all three latches, then open and close them one at a time. There should be good tension and they should snap tightly when closed. If any latches seem loose or rattle, they should be replaced.

G112417 Latch Service Cover

Cover	P150862
Elbow, 45°	P105548
Elbow, 90°	P105536
Filter, primary, attached cover	P150695
Filter, primary, attached cover - Donaldson Blue™	DBA5047
Filter, primary, no cover	P150694 3,5
Filter, primary, no cover - Donaldson Blue™	DBA5029
Gasket, cover	P536493
Hump hose	P105613
Informer™ indicator 25" H_2O	X002277
Mounting bands, metal	P004079
Outlet band clamp	P148348
Spring latch replacement kit	X006201

G112501 Latch Service Cover

Elbow, 45°	P105548
Elbow, 90°	P105536
Filter, primary	P150694 5
Filter, primary	P150695 3,6
Filter, primary, attached cover - Donaldson Blue™	DBA5047
Filter, primary, no cover - Donaldson Blue™	DBA5029
Filter, primary treated	P148043 1
Gasket, cover	P536493
Hump hose	P105613
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000339
Inlet hood, plastic	H000607
Mounting bands, metal	P004079
Outlet band clamp	P148348
Spring latch replacement kit	X006201

G112504 Latch Service Cover

Elbow, 45°	P105548
Elbow, 90°	P105536
Filter, primary, attached black cover	P537791 3,6
Filter, primary, attached cover	P153551 6
Filter, primary, attached cover - Donaldson Blue™	DBA5053
Filter, primary, no cover, treated	P154575 1
Gasket, cover	P536493
Hump hose	P105613
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000339
Inlet hood, plastic	H000607
Mounting bands, metal	P004079
Outlet band clamp	P148348
Spring latch replacement kit	X006201

G132000 Bolt Service Cover

Elbow, 45°	P105548
Elbow, 90°	P105536
Filter, primary, no cover	P142100 3
Filter, primary, no cover - Donaldson Blue™	DBA5027
Gasket, cover	P120604
Hump hose	P105613
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000339
Inlet hood, plastic	H000607
Mounting band, metal	P013722 2
Nut, plastic	P119325
Outlet band clamp	P148348
Retaining ring	P129469

NOTES:

1 = Filter is treated with chemical for carbon resistance and is not cleanable
2 = Two required for proper installation
3 = Shipped with air cleaner initially
5 = Also requires access cover P150862
6 = Access cover is attached to filter

Donaldson Blue™ = High Efficiency, Extended Service

ECG Konepac™ Air Cleaners
Service Instructions

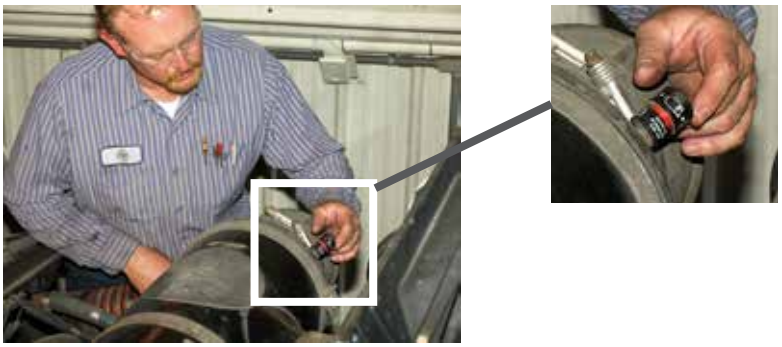
Donaldson FILTRATION SOLUTIONS

This servicing information is provided as a best practices guide. It is not intended to replace or supersede the service instructions supplied by your engine or vehicle manufacturer.

1 Check the Restriction

Check the restriction of the air cleaner with a Donaldson filter service indicator, service gauge, or a water manometer.

Replace the filter only when the restriction level has reached the maximum recommended by the engine or equipment manufacturer or on a regular service schedule.



2 Gently Remove the Old Filter

Switch the engine off. Handle the dirty filter gently, until it is clear of the air cleaner housing. Accidental bumping will shake dirt loose inside the filter housing.

3 Clean the Inside of the Housing

Always clean the inside of the housing. Dirt left in the air cleaner housing can potentially damage your engine.

Use a clean, damp cloth to wipe every surface clean. Ensure that the outlet tube sealing area is clean and undamaged.

4 Visually Check the Inside Before Fitting the New Filter

Always clean the gasket sealing surface. An improper gasket seal is one of the most common causes of engine contamination. Make sure that all hardened dirt ridges are completely removed, both on the bottom and top of the air cleaner housing.

Check for uneven dirt patterns. Your old filter has valuable clues to dust leakage or gasket sealing problems. A pattern on the filter's clean side is a sign that the old filter was not firmly sealed or that a dust leak exists. Identify the cause of that leak and rectify it before installing a new filter.

5 Inspect the New Filter Before Installation

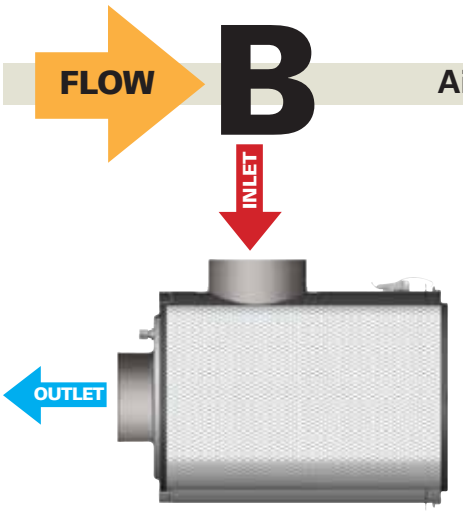
Check the new filter but don't install if it appears damaged. Check that the gasket is easily compressible and springs back promptly when finger pressure is released.

6 Install the New Filter

It is important to change the new supplied cover gasket with each filter service. Ensure that the filter is the correct size for the housing and install the filter, making sure the gasket seats evenly for a perfect seal. Without a proper seal, dirty air can by-pass the filter.

7 Ensure Air-tight Fit on All Connections and Ducts

Check that all clamps and flange joints are tight, as well as the air cleaner mounting bands. Attend to any leaks immediately to avoid dirt entering your engine directly. If the vehicle is fitted with air brakes, it is important to check the clean air supply hose which feeds the air brake compressor.



Air in the Side, out the End (standard flow filters)

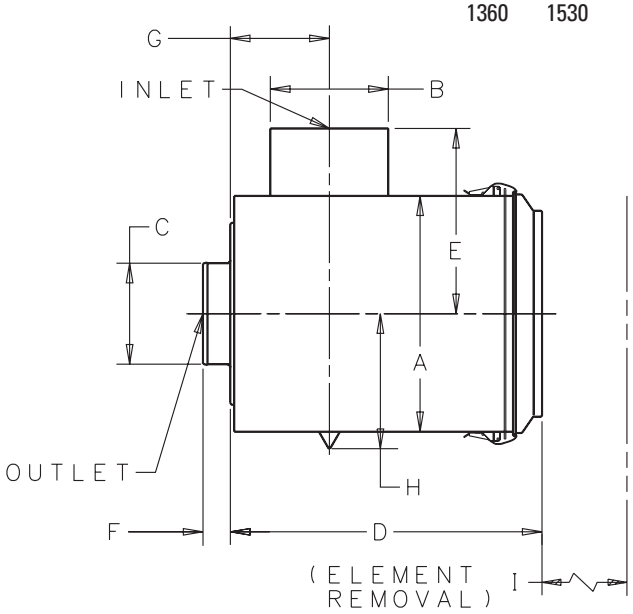
When Selecting an Air Cleaner . . .

Determine the airflow requirements of your engine, then find the corresponding cfm airflow in the table below. 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 lower restriction will provide longer filter service life. When calculating total initial restriction of the entire air intake system, include the restriction caused by ducting, elbows, and pre-cleaners.

When servicing the EBB, make sure to replace the cover gasket when changing filters.

Initial Airflow Restriction

CFM @ "H_2O 6"	8"	10"	Air Cleaner Model
620	730	800	B120271
900	1050	1320	B140044
1360	1530	1640	B160049



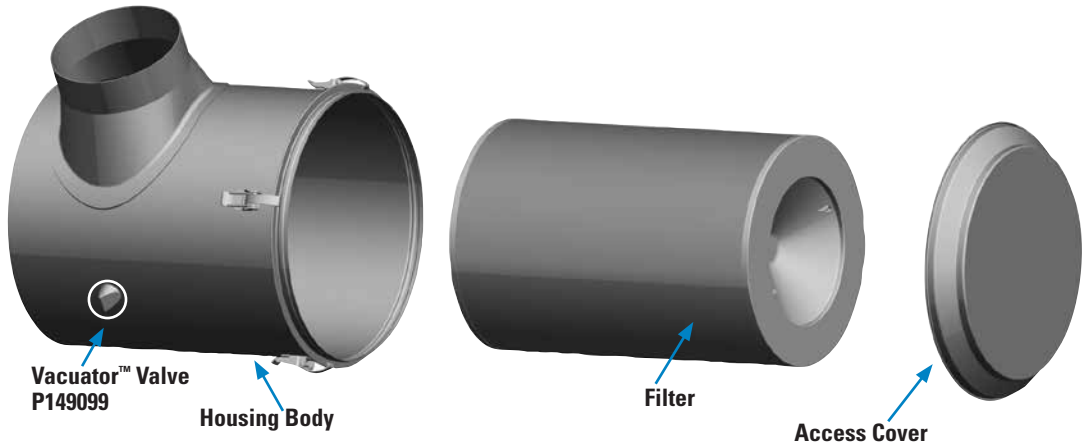
EBB Specifications

NOTE: All EBB Air Cleaners are tapped to accept a filter service indicator

Air Cleaner Models	Body Diameter (A) in	mm	Inlet Diameter (B) in	mm	Outlet Diameter (C) in	mm	Length (D) in	mm	(E) in	mm	Inlet Length (F) in	mm	(G) in	mm	(H) in	mm	Service Clearance (I) in	mm	Weight lbs	kg
B120271	11.81	300	5.50	140	5.00	127	16.42	417	7.64	194	2.00	51	5.80	147	--	--	16.0	406	16	7
B140044[1]	14.00	356	7.00	178	6.00	152	18.50	470	10.90	277	1.62	41	5.88	149	8.00	203	17.5	445	19	8
B160049[2]	16.00	406	8.00	203	7.00	178	18.75	476	12.91	328	2.50	64	8.84	225	--	--	18.0	457	35	16

1 - B140044 is only model with installed Vacuator™ Valve 2 - Access cover secured with bolts

Service Parts & Accessories



B120271

Elbow, 45°	P109021
Elbow, 90°	P107844
Elbow, 90° reducing	P143895
Filter, primary	P182028
Filter, primary - Donaldson Blue™	DBA5028
Filter, primary - SM	P181028 3
Hump hose	P105610
Informer™ indicator 25" H_2O	X002277
Inlet hood, plastic	H000604
Mounting band, metal	H000349 2
Outlet band clamp	P148345

B140044 EBB

Elbow, 45°	P105547
Elbow, 90°	P105535
Filter, primary	P182015
Filter, primary - Donaldson Blue™	DBA5015
Filter, primary - SM	P181015 3
Hump hose	P105612
Informer™ indicator 25" H_2O	X002277
Inlet hood, metal	H000339
Inlet hood, plastic	H000607
Mounting band, metal	H000350 2
Outlet band clamp	P148347

B160049 EBB

Elbow, 45°	P105548
Elbow, 90°	P105536
Filter, primary	P182099 3,6
Filter, primary - Donaldson Blue™	DBA5099
Filter, primary - SM	P181099 6
Hump hose	P105613
Informer™ indicator 25" H_2O	X002277
Inlet hood, plastic	H001053
Mounting band, metal	H000351 2
Outlet band clamp	P148348

NOTES:

2 = Two required for proper installation
3 = Shipped with air cleaner initially
6 = Access cover is attached to filter

SM=Scheduled Maintenance
Donaldson Blue™ = High Efficiency, Extended Service

EBB Air Cleaners
Service Instructions

Donaldson FILTRATION SOLUTIONS

This servicing information is provided as a best practices guide. It is not intended to replace or supersede the service instructions supplied by your engine or vehicle manufacturer.

1 Check the Restriction

Check the restriction of the air cleaner with a Donaldson filter service indicator, service gauge, or a water manometer.

Replace the filter only when the restriction level has reached the maximum recommended by the engine or equipment manufacturer or on a regular service schedule.

2 Gently Remove the Old Filter

Switch the engine off. Handle the dirty filter gently, until it is clear of the air cleaner housing. Accidental bumping will shake dirt loose inside the filter housing.

3 Clean the Inside of the Housing

Always clean the inside of the housing. Dirt left in the air cleaner housing can potentially damage your engine.

Use a clean, damp cloth to wipe every surface clean. Ensure that the outlet tube sealing area is clean and undamaged.

4 Check the Inside Visually Before Installing the Filter

Always clean the gasket sealing surface. An improper gasket seal is one of the most common causes of engine contamination. Make sure that all hardened dirt ridges are completely removed, both on the bottom and top of the air cleaner housing.

Check for uneven dirt patterns Your old filter has valuable clues to dust leakage or gasket sealing problems. A pattern on the filter's clean side is a sign that the old filter was not firmly sealed or that a dust leak exists. Identify the cause of that leak and rectify it before installing a new filter.

5 Inspect the New Filter Before Installation

Check the new filter but don't install if it appears damaged. Check that the gasket is easily compressible and springs back promptly when finger pressure is released.

6 Install the New Filter

It is important to change the newly supplied cover gasket with each filter service. Ensure that the filter is the correct size for the housing and install the filter, making sure the gasket seats evenly for a perfect seal. Without a proper seal, dirty air can by-pass the filter.

7 Ensure Air-tight Fit on All Connections and Ducts

Check that all clamps, flange joints and air cleaner mounting bands are tight. Attend to any leaks immediately to avoid dirt entering your engine directly. If the vehicle is fitted with air brakes, it is important to check the clean air supply hose that feeds the air brake compressor.

Reset the Indicator

If your system has a remote indicator, don't forget to reset it after filter service.