ECG Konepac™ Air Cleaners

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 available (see service parts lists for specifics)

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.
### ECG Konepac™ Specification Illustrations

**Bolted Service Access**

**Latched Service Access**

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### ECG Konepac Specifications

<table>
<thead>
<tr>
<th>Air Cleaner Models</th>
<th>Body Diameter (A)</th>
<th>Inlet Diameter (B)</th>
<th>Outlet Diameter (C)</th>
<th>Overall Length (D)</th>
<th>Inlet Length (E)</th>
<th>Service Clearance</th>
<th>Service Indicator Tap</th>
<th>Weight (lbs)</th>
<th>Weight (kg)</th>
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<tr>
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</table>

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

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**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 PSD.

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**Initial Airflow Restriction**

<table>
<thead>
<tr>
<th>CFM @ &quot;H₂O</th>
<th>Air Cleaner Model</th>
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<tbody>
<tr>
<td>6&quot; 8&quot; 10&quot;</td>
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<tr>
<td>MODELS WITH BOLTED SERVICE ACCESS</td>
<td>MODELS WITH LATCHED SERVICE ACCESS</td>
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<td>775 880 1000 G092001</td>
<td>800 925 1040 G092401</td>
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<tr>
<td>1100 1300 1425 G112001</td>
<td>1200 1400 1600 G112404</td>
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<tr>
<td>1200 1400 1600 G112501</td>
<td>1200 1400 1600 G112504</td>
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</tbody>
</table>

1 - No inlet tube, perforated inlet holes on side
**ECG Konepac™ Air Cleaners**

**ECG Konepac Service Parts**

**ECG Konepac Service Parts & Accessories**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Part Number</th>
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<tr>
<td>G092001</td>
<td>Bolted Service Cover</td>
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<tr>
<td>G092401</td>
<td>Latch Service Cover</td>
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<tr>
<td>G112001</td>
<td>Bolted Service Cover</td>
<td></td>
</tr>
<tr>
<td>G112404</td>
<td>Latch Service Cover</td>
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</tbody>
</table>

**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.”
## ECG Konepac™ Air Cleaners

### G112417  Latch Service Cover
- **Cover**: P150862
- **Elbow, 45°**: P105548
- **Elbow, 90°**: P105536
- **Filter, primary, attached cover**: P150695
- **Filter, primary, attached cover**: EAF5047
- **Filter, primary, no cover**: P150694
- **Gasket, cover**: P536493
- **Hump hose**: P105613
- **Informer™ indicator 25' H2O**: X002277
- **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
- **Filter, primary, attached cover**: P153551
- **Filter, primary, attached cover**: EAF5053
- **Filter, primary, no cover**: P154575
- **Filter, primary, no cover**: EAF5029
- **Gasket, cover**: P536493
- **Hump hose**: P105613
- **Informer™ indicator 25' H2O**: X002277
- **Inlet hood, metal**: H000339
- **Inlet hood, plastic**: H000607
- **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, attached cover**: P150695
- **Filter, primary, attached cover**: EAF5047
- **Filter, primary, no cover**: P150694
- **Gasket, cover**: P536493
- **Hump hose**: P105613
- **Informer™ indicator 25' H2O**: 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
- **Filter, primary, no cover**: EAF5027
- **Filter, primary, treated**: P148043
- **Gasket, cover**: P536493
- **Hump hose**: P105613
- **Informer™ indicator 25' H2O**: X002277
- **Inlet hood, metal**: H000339
- **Inlet hood, plastic**: H000607
- **Mounting band, metal**: P013722
- **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.
4. Also requires access cover P150862.
5. Access cover is attached to filter.

ES = Extended Service
HE = High Efficiency
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.

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.

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.

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.

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.
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.