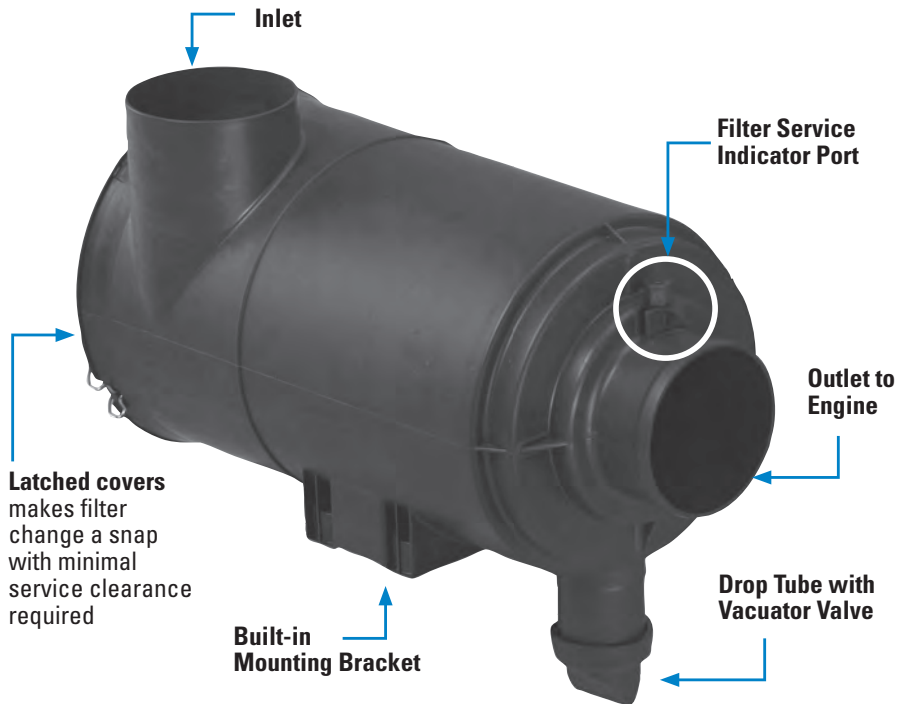


Built-in Mounting Brackets and Filter Indicator Port Easy to service with non-metal filters



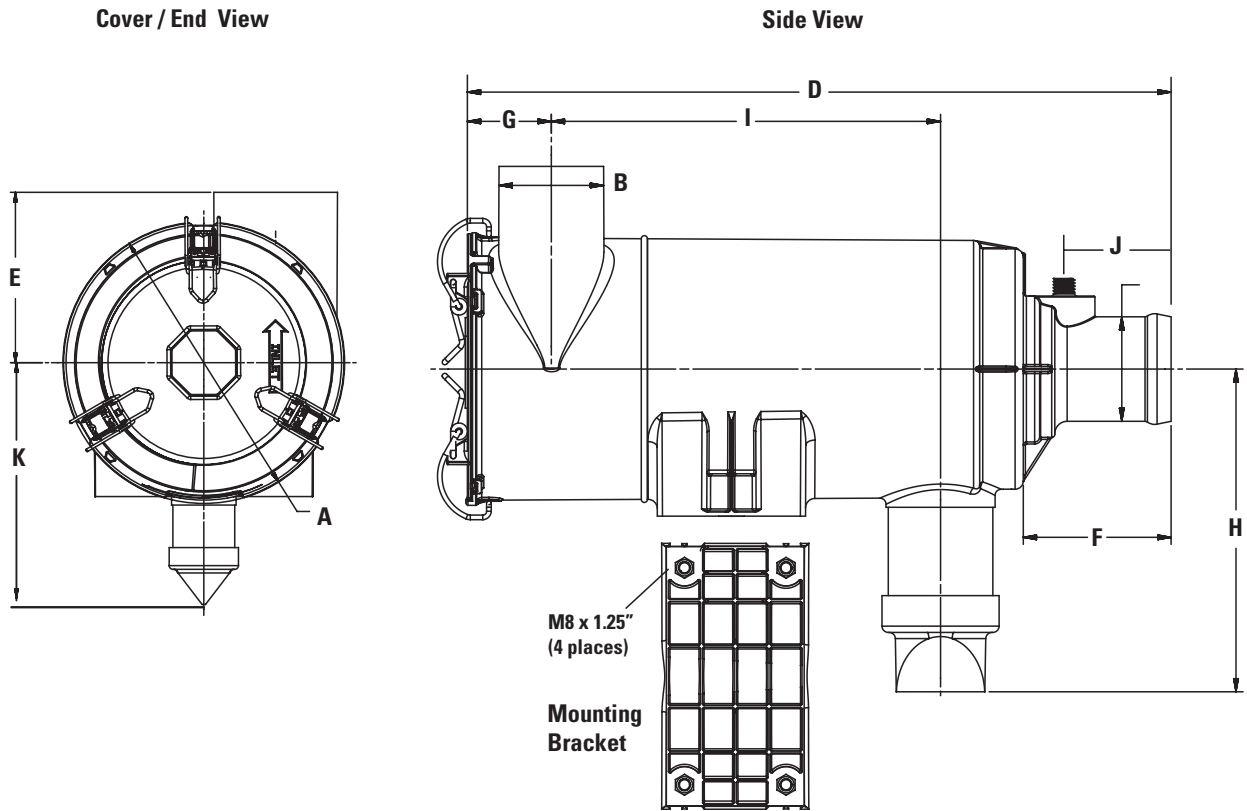
Applications

- Off-road equipment operating in medium-dust conditions with engine airflow range of 7,5 to 18 m³/min.
- Installs horizontally. In case engine mount is required contact your Donaldson Representative.
- Sustained temperature tolerance: to 82°C. Do not install next to components that exceed the maximum temperature (82°C); like a turbocharger, muffler, exhaust pipe or other high temperature component

Air Cleaner Features

- Smaller in diameter compared to competitive brands with similar airflow
- Improved handling and maintenance: lighter and smaller, changing filters is a snap
- Product design includes:
 - main filter
 - safety filter
 - filter service indicator port
- Cover latch position allows for minimum service clearance and eases filter service
- Mounting brackets built-in to air cleaner body eliminating need for mounting bands
- Indicator thread size = 1/8-27NPT (MALE)

XRB Specifications - Service Parts



Air Cleaner Model No.	Airflow m ³ /min.	Range Dimensions (mm)										
		A	B	C	D	E	F	G	H	I	J	K
B080080	7,5 - 10	231	102	102	425	140	61	80	198	375	40	110
B100127	9 - 13,5	287	127	114	565	198	72	88	225	493	50	145
B120470	13,5 - 18	330	152	128	601	218	71	100	245	526	50	165

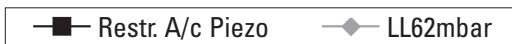
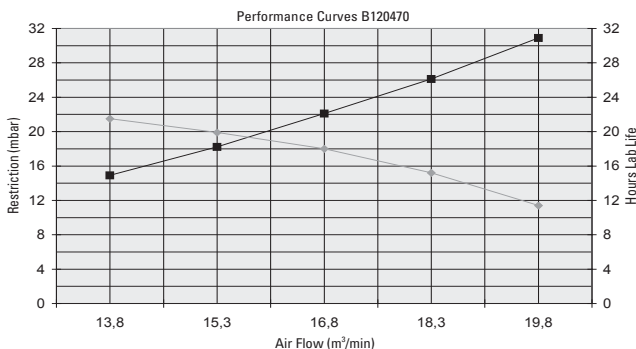
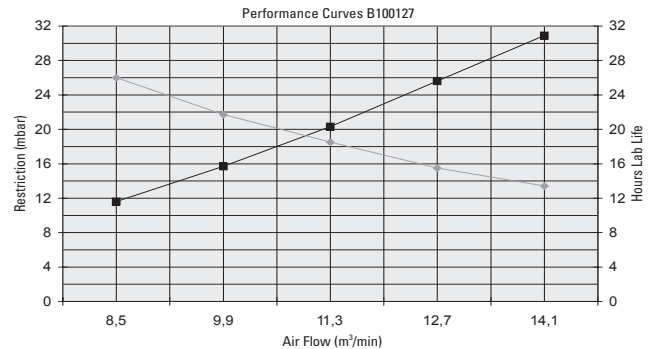
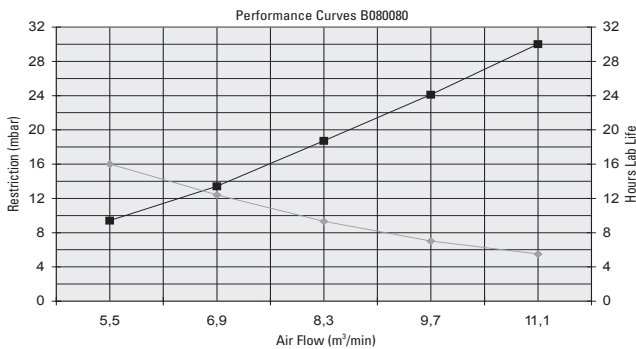
Air Cleaner Model No.	Main Element	Service Parts		
		Safety Element	Access Cover Assy	Vacuator™ Valve
B080080	P611190 •	P611189	P605731	P158914
B100127	P611539 *	P611540	P609942	P158914
B120470	P608116 *	P608391	P608117	P158914

• Non Metal * Metal Liner

When specifying an Air Cleaner...

Determine the Airflow Requirements of your engine, then find the corresponding m^3/min airflow in the charts below. The restriction numbers - shown in mbar at the left side of the chart - indicate the approximate initial restriction of each model air cleaner at that m^3/min . When calculating total initial restriction of the entire air intake system, include the restriction caused by ducting, elbows, pre-cleaners, etc. The estimated lab life hours are indicated at the right side of the chart.

XRB Performance Curves



All performance curves are according ISO 5011 standards - Restriction measured at Piezo
All tests are done with ISO Coarse at Dust Concentration of $1g/m^3$

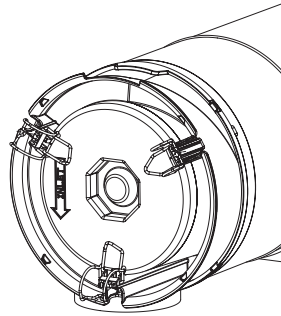
Installation Recommendations

- Air cleaner orientation is horizontal, with the drop tube pointing down - within $\pm 15^\circ$. For service clearance, allow the entire length of the filter for removal and 35 mm for service cover latches.
- Mounting is M8 x 1,25 with a maximum torque of 20,34 Nm.
- Connections: Inlet/Outlet maximum torque 4.52 Nm.
- Inlet accessory note: The air cleaner housing can accommodate a lightweight inlet hood, but not a pre-cleaner or any other accessory. Use of an unapproved intake accessory will void your Donaldson warranty.
- Filter Service Indicator port arrives with plug/cap. Order filter service indicator separately. See accessories section. Indicator port maximum torque 2 Nm.

1 Shut off your engine

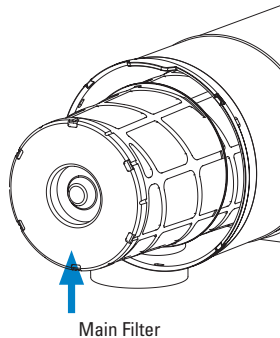
2 Unlatch and remove service cover

Unlatch and remove the service cover to access the main filter. Gently move the end of the filter back and forth to break the seal.



3 Remove the filter

The main filter makes such a tight seal, that you will encounter some initial resistance when trying to remove it. To break the seal, grab the end of the filter and gently move the filter back and forth and pull it out of the housing.



APPLICATION NOTE Avoid dislodging contaminant from the filter or knocking it against the housing.

4 Clean the inside surface

Using a soft rag, remove all the dust and debris from the inside surface of the housing. Be careful not to introduce contaminant into the outlet tube.

APPLICATION NOTE Failure to do so may cause contaminant to be introduced to the seal area of the main filter during reinstallation, causing a leak. Leaks result in higher restriction on the safety filter and shorter filter life.

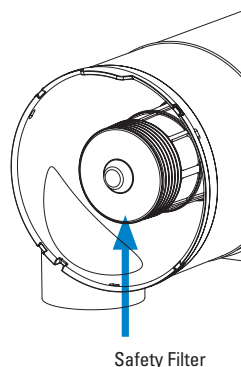
5 Check the safety filter. Replace every third primary filter change

The safety filter should be changed every third primary filter change out.

APPLICATION NOTE If the safety is not installed properly, it may attach itself to the primary filter upon removal.

Dust from the main filter may be evident on the safety filter. This is normal. At each 1st and 2nd primary filter change, check safety filter for damage. If damaged, replace.

Also check to ensure the safety filter is properly seated in the housing. It should fit snugly inside the outlet tube. Continue pushing the filter into the outlet tube until it stops.



6 Inspect the new main filter

Before installing a new main or safety filter, inspect it carefully. Visually check for any voids, cuts, tears or indentations in the urethane-sealing surface. If your check reveals damage, do NOT install the filter.

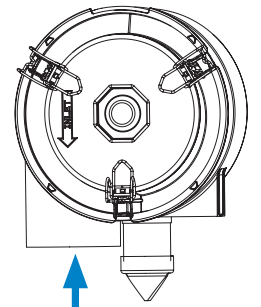
7 Install the new filter

The critical sealing area will compress slightly, adjust itself and distribute the sealing pressure evenly. To complete a tight seal, apply pressure by hand at the outer rim of the filter, not the center.

8 Replace the cover & refasten the latches

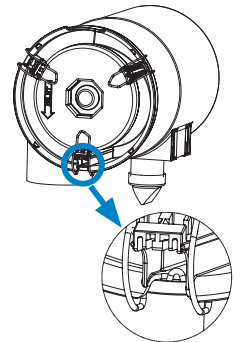
Replace the service cover. The "INLET" arrow should line up with the air cleaner inlet. DO NOT force cover onto air cleaner. The cover should go on with no extra force.

If cover is not flush to the body, the filter is not properly seated in the housing.



APPLICATION NOTE Never use the service cover to push the filter into place! Using the cover to push the filter could cause damage to the housing and will void the warranty.

If the service cover hits the filter before it is fully in place, remove the cover and push the filter further into the housing and try again. The cover should go on with no extra force.



Refasten latches to secure cover. Make sure that latches penetrate the slots in both the body and the cover.

9 Inspect the intake system

Inspect and torque all clamps, bolts and connections in the entire air intake system. Check for holes in piping, and repair if needed. If the Vacuator™ Valve is damaged, replace.

10 Restart your engine

Recommended Main Filter Change Interval

Change the main filter when the restriction level reaches your vehicle/engine manufacturer recommendation.