

RF-180 Bag Type

Engine Air Intake Filter



Customer Value Proposition:

High Performance & Ease of Use

For years, the railroad industry has recognized that paper-type engine air filters offer the best in efficiency, engine protection and overall performance. However, bag-type filters have remained the preferred choice for many because of their ease of application and regular changeout cycles.

The Parker RF-180 combines the best of both worlds. A new concept in locomotive air filtration, this “hybrid” design integrates the high efficiency and trouble-free performance of paper type filters into the popular bag configuration.

Proven Performance

Extended tests of the RF-180 were performed at major railroads. Bags were removed at intervals of 92 days, 151 days and 220 days. Pressure drop readings and laboratory analysis showed that the RF-180 would last at least six months and still have life remaining. As a result the RF-180 bags have gained wide range acceptance.

With its six-month recommended changeout cycle, the RF-180 offers double the life of conventional bags – yet it doesn’t cost twice as much. Also, by eliminating up to two changeouts per year, you’ll save on labor as well as filter costs.

No Oil and Dirt Carryover

With conventional bags, oil adhesive in the filter media tends to migrate during service, leading to a variety of problems. Oil and dirt carryover can plug the turbo labyrinth seals, which in turn causes oil to escape up the exhaust stack or into the engine.

Turbo aftercoolers may also become plugged, resulting in higher air box temperatures. The RF-180 uses a special outer layer of material that keeps the oil inside the bag and out of turbochargers, aftercoolers and engines. And because the bag doesn’t dry out from oil migration, service life is extended.

The RF-180 installs readily in any existing bag housing. And the outside of the filter remains dry and oil-free, so it’s cleaner and easier to handle than a conventional bag.



High Efficiency

The RF-180 high efficiency version has an average efficiency of >99.5%. Higher filtration efficiency means lower dirt penetration and enhanced removal of harmful microfine particles – resulting in better protection and longer engine life.

Contact Information:

Parker Filtration Canada
Div. of Parker Hannifin Canada
2785 Francis-Hughes Ave.
Laval, QC H7L 3J6

phone 450 629 9594
phone 855 629 9500
fax 450 629 9825

www.parkerfarr.com

