



# RAM Filter-in-Filter Fuel Water Separator featuring NanoNet™ FS53000

## What is NanoNet™?

NanoNet is a new patented filtration media that filters harmful hard particles and water particles before they can damage the fuel injection system.

## Why are you introducing the RAM engines with NanoNet media?

According to the World Wide Fuel Council (WWFC), approximately 50% of diesel fuel globally does not meet ISO 18/16/13 at the retail pump. Cummins RAM engines and many other engines use a high pressure common rail fuel (HPCR) system, which requires that fuel cleanliness meet the ISO 12/9/6 specification code at the injectors in order to protect the injectors and meet manufacturers' specifications. FS53000 featuring NanoNet media meet or exceed this requirement.

## What application will the FS53000 fit?

The FS53000 will fit the MY'13 RAM 6.7L engines.

## How do the FS53000?

FS53000 save you money by removing hard particles and water products from your Fuel Injection Equipment (FIE) system. By reducing component wear in the injectors and avoiding premature injector failure after the warranty expires, users can experience considerable savings in Total Cost of Ownership.

## **Will the FS53000 replace FS43255?**

The FS53000 is released for MY'13 Ram 6.7L engines, but can be used as an upgrade for MY'10 RAM 6.7L engines.

## **When will I be able to purchase FS53000?**

FS53000 will be available for purchase through Cummins and Mopar dealers in 2012.

## **Will I be able to extend my service intervals with FS53000?**

If the fuel coming in to the fuel system meets ISO 18/16/13, FS53000, FS53001 and FS53002 may extend service intervals. The main purpose of the FS53000, FS53001 and FS53002 filter is to protect the fuel injection system from failing due to erosion and unusual wear and tear caused by harmful particles.

## **Why is the FS53000 price higher than the FS43255?**

FS53000 uses the new advanced NanoNet high performing filtration media, which reduces the number of particles reaching the fuel injectors on your engine. This reduces the chance of premature injector failure. Reducing the wear on injectors will reduce equipment down time due to injector failure. The savings from reduced down time exceeds the additional cost of the filters. As a result, users can experience considerable savings in Total Cost of Ownership.

## **I own a RAM truck equipped with Cummins 6.7L diesel engine and have never had an injector failure. Why do I need a FS53000?**

Injector wear is occurring all the time. Some owners will experience complete failure while others encounter reduced performance. FS53000 cleans fuel to ISO 12/9/6 cleanliness levels, thus reassuring that your equipment will not be adversely impacted by particles in the fuel supply. As an end-user you are at a higher risk due to poor filter performance after the warranty expires on your engine. If an injector fails after the warranty period, you could experience close to \$7,000 in replacement parts.



For more information, visit  
[cumminsfiltration.com](http://cumminsfiltration.com)

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