

Service demand for R-1234yf is growing rapidly.

Are you prepared?



Nearly 70 million vehicles currently on the road in the US use R-1234yf refrigerant.

Garages need to be prepared to service vehicles with R-1234yf



Aftermarket service demand continues to grow



Approximately 15 million cars with R-1234yf exit factory warranty each year



Reduces cost by allowing for work to be done in-house



Easily installed with similar safe service practices as R-134a

An estimated 95% of vehicles manufactured for sale into the US in 2021 will use R-1234yf

The New OEM Standard

Chemours supplies Opteon™ R-1234yf to more than 8 OEMs in North America

OEMs have widely adopted R-1234yf for use in US vehicles, including:

Audi	Chrysler	GMC	Jeep	Mercedes-Benz	Tesla
BMW	Dodge	Honda	Kia	Mitsubishi	Toyota
Buick	Ferrari	Hyundai	Land Rover	Porsche	Volkswagen
Cadillac	Fiat	Infiniti	Lexus	RAM	
Chevrolet	Ford	Jaguar	Maserati	Subaru	

 **Opteon™ YF**
Automotive Refrigerant
R-1234yf

Frequently Asked Questions About Opteon™ YF



FAQs About Opteon™ YF



Q: What is Opteon™ YF?

A: Opteon™ YF (R-1234yf) is a non-ozone depleting, low global warming potential (GWP) refrigerant that has become the standard refrigerant for most automotive manufacturers globally. Opteon™ YF refrigerant cools like Freon™ 134a in automotive air conditioning systems but it has a much lower GWP. Freon™ 134a has a GWP of 1,300; Opteon™ YF has a GWP < 1 and is therefore less harmful for the planet.

Q: Why is the price difference between Freon™ R-134a and Opteon™ YF noticeable and what do you get for the expanded cost?

A: Opteon™ YF (R-1234yf) is a completely new refrigerant, and is manufactured using a more complex process than Freon™ R-134a. In order to design an environmentally safe product for the automotive industry, there are also in depth safety and validation steps during the product development phase to meet industry requirements.

Q: Why does a car use R-1234yf and not R-134a?

A: The car using R-1234yf was specifically designed to have a lower GWP refrigerant than R-134a.

Q: If a car uses Opteon™ YF, can I use Freon™ R-134a to service it?

A: No, it is illegal to use R-134a in a R-1234yf filled car. Cars filled with R-1234yf fall under the US EPA Clean Air Act, so they need to be filled with R-1234yf.

Q: How can I tell if a car uses R-1234yf?

A: There will be a label under the hood which shows the type of refrigerant the vehicle uses. One can also locate this information in the owner's manual



12oz Can

10lb and 25lb Cylinder



Opteon™ YF (R-1234yf) from Chemours is proudly made in the USA.

If you would like more information about Opteon™ YF, the Opteon family of refrigerants, or other refrigerant products, please visit opteon.com or call 800-235-7882.