



Summary of U.S. EPA SNAP Regulations Pertaining to Refrigerants

While hydrofluorocarbon (HFC) refrigerants are not being phased out, and their production is not being limited, the use of some HFCs will no longer be acceptable in certain end use applications in the U.S. market.

There are no U.S. regulations currently impacting the HFC service market. HFCs, whose use are restricted in the following regulations, can still be purchased and used to service systems already operating with these products.

On July 20, 2015, the following regulations were FINALIZED:

End Uses	New or Retrofit	Unacceptable Products	Effective Date	
Refrigeration				
Retail Food Refrigeration: Supermarket Systems	Retrofit	R-404A, R-507A and others*	July 20, 2016	
	New		January 1, 2017	
Retail Food Refrigeration: Remote Condensing Units	Retrofit	R-404A, R-507A and others*	July 20, 2016	
	New		January 1, 2018	
Retail Food Refrigeration: Stand-Alone Units	All	R-404A, R-507A	July 20, 2016	
	Med Temp, <2,200 Btu/hr	New	January 1, 2019	
	Med Temp, ≥2,200 Btu/hr	New	R-134a, R-404A, R-407A, R-407C, R-407F, R-410A, R-507A and others*	January 1, 2020
	Low Temp	New	January 1, 2020	
Vending Machines	Retrofit	R-404A, R-507A	July 20, 2016	
	New	R-134a, R-404A, R-407C, R-410A, R-507A and others*	January 1, 2019	
Air Conditioning				
Light Duty Motor Vehicles	New	R-134a	Model Year 2021	

On September 26, 2016, the following regulations were FINALIZED:

End Uses	New or Retrofit	Unacceptable Products	Effective Date
Refrigeration			
Retail Food Refrigeration: Refrigerated Food Processing and Dispensing Equipment	New	R-404A, R-507A, R-407A, R-407C, R-407F and others*	January 1, 2021
Household Refrigerators and Freezers	New	R-134a, R-404A, R-507A, R-407C, R-407F and others*	January 1, 2021
Cold Storage Warehouses	New	Propylene, R-443A	30 days after publication of final rule
	New	R-404A, R-507A, R-407A, R-410A and others*	January 1, 2023
Air Conditioning			
Residential/Light Commercial Air Conditioning and Heat Pumps	Retrofit	All ASHRAE Flammability Class 3 Refrigerants	30 days after publication of final rule
	New	Propylene, R-443A	
Centrifugal and Positive Displacement Chillers	New	Propylene, R-443A	30 days after publication of final rule
	New	R-134a ¹ , R-404A ² , R-507A, R-407C, R-410A and others*	January 1, 2024

*This is a summary of the most commonly used refrigerants. Please consult EPA.gov/SNAP for a full list of unacceptable products. Exceptions: ¹Military marine vessels, and human-rated spacecraft and related support equipment ²Human-rated spacecraft and related support equipment

Are You Prepared?

- Evaluate your plan for new equipment, remodel, and retrofit against the timelines outlined in the above regulations, especially if you are involved in the retail food refrigeration industry.
- Use Opteon™ low global warming potential refrigerants to improve energy efficiency and provide a seamless transition from soon-to-be restricted HFCs.
- Visit Opteon.com for more information on HFC replacement options.

For more information on the Opteon™ family of refrigerants, or other refrigerants products, visit opteon.com or call (800) 235-7882.

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