

Bulletin ID: CPB2112
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 Date: September 28th, 2021
 Title: Refrigerant Phase-Out 09-28-21

This bulletin is intended to disseminate information on recent updates to refrigerant regulations by State. As previously communicated in Regulatory Update Bulletins, regions within North America continue to enact independent regulations to limit use of higher Global Warming Potential (GWP) refrigerants.

Maine, Virginia, and Rhode Island have recently joined other states in adopting the EPA’s SNAP rule, prohibiting the use of certain refrigerants like R-404A. The states impacted and implementation dates are shown below:

SNAP 20 State by State Implementation Summary:

SNAP Rule	Application	Un-Acceptable Refrigerants			
		New Equipment	Retrofit	EFFECTIVE DATE	
				IN EFFECT NOW	JAN 1 2022
20-21	Remote Condensing Units	R-404A/507	R-404A/507	<ul style="list-style-type: none"> CALIFORNIA WASHINGTON NEW JERSEY NEW YORK COLORADO VERMONT DELAWARE MARYLAND MASSACHUSETTS HAWAII 	<ul style="list-style-type: none"> RHODE ISLAND MAINE VIRGINIA
	Self-contained units		R-404A/507		
	Self-contained units (LT)	R-404A/507, 134a,407A/C/F,410A			
	Self-contained units (MT <2200 BTU/hr)	R-404A/507, 134a,407A/C/F,410A			
	Self-contained units (MT ≥2200 BTU/hr)	R-404A/507, 134a,407A/C/F,410A			
	Supermarket Systems/Racks	R-404A/507	R-404A/507		

Frequently Asked Questions:

Q1: What is the effective date for this regulation?

A: The effective dates are summarized in the table; for CA, WA, NJ, NY, CO, VT, DE, MD, MA, & HI the effective date is now. For RI, ME, & VA it is January 1st 2022.

Q2: Does this regulation apply to only new equipment?

A: This regulation applies to new equipment and retrofits. The type of refrigerant prohibited is different in each situation and is outlined in the chart above.

Q3: What is the definition of “new” equipment?

A: This regulation is applicable to “new” equipment and the following what is considered “new”:

- 1) Any refrigeration equipment that is first installed using new or used components (i.e. a new installation); or
- 2) Any refrigeration equipment that is modified such that it is:
 - (i) Expanded after the effective date, to handle an expanded cooling load by the addition of components in which the capacity of the system is increased, including refrigerant lines, evaporators, compressors, condensers, and other components; or

(ii) Replaced or cumulatively replaced after the effective date, such that the capital cost of replacing or cumulatively replacing components exceeds 50 percent of the capital cost of replacing the entire refrigeration system.

Q4: Does it impact me if I am doing a remodel or replacing existing units during service/repair?

A: The regulation is for “new” equipment – ie an entire case – regardless of where that case is being used – ie a new store or a remodel of an existing store. If a case is being installed in its entirety it must meet the regulation. If only components of the case are being replaced the regulation does not apply.

Q5: Can I replace the condensing unit in an existing self-contained case under this regulation?

A: Yes. If an existing self-contained case needs a replacement condensing unit then the condensing unit can be replaced, even if the refrigerant is prohibited under the new regulation.

Q6: If these are requirements for the states listed, do they impact me in other states?

A: Beyond the states listed in the chart above, many other states are part of the US Climate Alliance and are actively making plans to adopt SNAP rules. We will send out additional information pertaining to other states’ activities, as they are published.

Q7: What refrigerant will Hillphoenix be using for self-contained cases?

A: In 2020 Hillphoenix began using R448A or R290 for all self-contained cases.

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