



VERMONT - SNAP REGULATORY UPDATE – OCTOBER 2019

In June, 2019, Vermont signed into state law the now-defunct federal EPA SNAP delistings. This law changes the status listing of certain refrigerants used in specific applications. Vermont did this in response to the DC Circuit Court revoking the federal EPA SNAP delisting Rule 20 and Rule 21 as they pertained to HFCs. The result is that Vermont has ruled that various HFCs and HFC blends that were previously considered Acceptable substitutes for CFCs and HCFCs, have been changed to Unacceptable in specific end-uses in the refrigeration and air conditioning sectors. This rule does not prohibit the manufacture of the refrigerants, only certain uses in specific applications. This rule also does not prohibit the continued servicing of equipment using a restricted refrigerant if the equipment was installed and operating with a restricted refrigerant prior to specific effective date.

Specific end uses in the Refrigeration and Air Conditioning sector impacted are:

RETAIL FOOD REFRIGERATION

(New & Retrofit)

- Supermarket systems
- Remote condensing units
- Stand-alone equipment

COLD STORAGE WHSES

(New Only)

COMFORT COOLING CHILLERS

(New Only)

- Centrifugal
- Positive displacement

Below is a chart of refrigerants used in **RETAIL FOOD REFRIGERATION** that have been affected by the status changes and the corresponding effective date:

	SUPERMARKET		REMOTE COND. UNIT		STAND -ALONE			
	NEW	RETROFIT	NEW	RETROFIT	MT <2,200 BTU/hr & no flooded evap NEW	MT ≥2,200 BTU/hr; with or without flooded evap NEW	LT NEW	LT & MT RETROFIT
R-404A & R-507	Jan. 1, 2021	Jan. 1, 2021	Jan. 1, 2021	Jan. 1, 2021	Jan. 1, 2021	Jan. 1, 2021	Jan. 1, 2021	Jan. 1, 2021
R-407A/C	Okay to use	Okay to use	Okay to use	Okay to use	Jan. 1, 2021	Jan. 1, 2021	Jan. 1, 2021	Okay to use
R-134A	Okay to use	Okay to use	Okay to use	Okay to use	Jan. 1, 2019	Jan. 1, 2020	Okay to use	Okay to use

Supermarket Systems

- Multiplex or centralized, direct or indirect systems
- Distributed refrigeration system (direct), secondary loop & cascade (indirect)
- Generally more than 2 compressors per rack system and parallel piped
- Ice makers connected to a supermarket system included

Remote condensing unit

- Typically 0.3 - 5.7 refrigeration tons
- Have one or two compressors, one condenser, one receiver assembled in a single unit
- Normally located outside sales area

Stand-alone

- Refrigerators, freezers & reach-in coolers, open or with door(s)
- Fully charged with refrigerant at the factory & typically only needs an electric supply



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Below is a chart of refrigerants used in **COLD STORAGE WAREHOUSES** that have been affected by the status changes and the corresponding effective date:

	COLD STORAGE WAREHOUSE	
	NEW EQUIPMENT	RETROFIT
R-404A/R-507/R-407A	Jan. 1, 2023	No restrictions

Cold storage warehouse

- Temp controlled facilities used to store meat, dairy, produce, etc. prior to distribution to Retail Food
- Coolers or Freezers
- Public or private
- Includes packing products in containers for shipment

Below is a chart of refrigerants used in **COMFORT COOLING CHILLERS** that have been affected by the status changes and the corresponding effective date:

	CENTRIFUGAL & POSITIVE DISPLACEMENT	
	NEW EQUIPMENT	RETROFIT
R-134a/R-404a/ R-407C/R-410A/R-507	Jan. 1, 2024	No restrictions

Centrifugal chiller

- Water-cooled, aerodynamic/turbine type
- Capacities range from 200 -2100kW (60 - 60,000 refrigeration tons)

Positive displacement chiller

- Reciprocating, screw or scroll type
- Capacities range from 10 -7,000Kw (3 - 510 refrigeration tons)

For more information please go to: <https://legislature.vermont.gov/bill/status/2020/S.30>