

RMS Fact Sheet* for Food Retail End-Users: New York State’s Proposed Regulations for HFC Prohibitions (Hydrofluorocarbon Standards and Reporting 6 NYCCR §494 Subpart 1)

Applies To:

- New equipment and equipment that is modified such that it becomes “new” by expanding the BTU capacity; for refrigeration, cumulatively replacing 75%+ of evaporators and 100% of compressors, condensers, and connected evaporator loads; for AC w/>1 condenser and evaporator: modifying 75%+ of indoor evaporator units and 100% of its condensing units; for AC with 1 condenser and evaporator, modifying with a new exterior condenser, condensing unit, or remote condensing unit.

Prohibitions:

- Installation of a field charged AC or refrigeration system that uses a prohibited substance after the prohibition date.
- Manufacture of an AC or refrigeration product that uses a prohibited substance after the prohibition date. One year sell-through.
- Retrofits to lower GWP20** refrigerants allowed until 1/1/2029.

Prohibitions on Products and Systems:

Subsector	Prohibited Substances	Date
Light commercial AC/heat pumps	Regulated substances pursuant to 40 CFR §84.54(a)(1) & 40 CFR §84.54(c)(1)	1/1/2025
	Virgin substances w/GWP20 >10	1/1/2028
	Regulated substances w/GWP20 >10	1/1/2034
Refrigerated food processing and dispensing equipment	R-404A, R-407A, R-407B, R-407C, R-407F, R-410A, R-410B, R-417A, R-421A, R-421B, R-422A, R-422B, R-422C, R-422D, R-424A, R-428A, R-434A, R-437A, R-438A, R-507A	1/1/2021
	Regulated substances pursuant to 40 CFR §84.54(a)(9) and 40 CFR §84.54(c)(15)	1/1/2027
	Regulated substances w/GWP20 >10	1/1/2034
Supermarket systems and remote condensing units	R-404A, R-407B, R-421B, R-422A, R-422C, R-422D, R-428A, R-434A, R-507A	1/1/2021
	Regulated substances w/GWP20 >580 for equipment w/50+ lb. charge capacity	1/1/2025
	Regulated substances w/GWP20 >943 for equipment w/<50 lb. charge capacity	1/1/2025
	Substances w/GWP20 >10	1/1/2034
Retrofitted spmkt. systems/ remote condensing units	R-404A, R-407B, R-421B, R-422A, R-422C, R-422D, R-428A, R-434A, R-507A	1/1/2021
Stand-alone units medium temp	HFC-134a, R-404A, R-407A, R-407B, R-407C, R-407F, R-410A, R-422A, R-422B, R-422C, R-422D, R-424A, R-426A, R-428A, R-434A, R-437A, R-438A, R-507A, SP34E	1/1/2021
	Regulated substances pursuant to 40 CFR §84.54(a)(4)	1/1/2025
	Virgin substances w/GWP20 >10	1/1/2028
	Regulated substances w/GWP20 >10	1/1/2034
Stand-alone units low temp	R-404A, R-407A, R-407B, R-407C, R-407F, R-410A, R-410B, R-417A, R-421A, R-421B, R-422A, R-422B, R-422C, R-422D, R-424A, R-428A, R-434A, R-437A, R-438A, R-507A	1/1/2021
	Regulated substances pursuant to 40 CFR §84.50(a)(4)	1/1/2025
	Virgin substances w/GWP20 >10	1/1/2028
	Regulated substances w/GWP20 >10	1/1/2034
Stand-alone units (retrofitted)	R-404A, R-507A	1/1/2021
Cold storage warehouses	R-404A, R-407A, R-407B, R-410A, R-410B, R-417A, R-421A, R-421B, R-422A, R-422B, R-422C, R-422D, R-423A, R-424A, R-428A, R-434A, R-438A, R-507A	1/1/2023
	Regulated substances w/GWP20 >580 for equipment w/50+ lb. charge capacity	1/1/2025
	Regulated substances w/GWP20 >943 for equipment w/< 50 lb. charge capacity	1/1/2025
	Regulated substances w/GWP20 >10	1/1/2034
New refrigeration facility (incl. existing facility that replaced 75%+ of evaporators & 100% of compressors & condensers)	Regulated substances w/GWP20 >10 for equipment w/50+ lb. charge capacity	1/1/2025

*This fact sheet is a summary of very complex and lengthy proposed regulations and is based on the initial reading of the rule. As our understanding improves, we will refine the fact sheet. It focuses only on HVACR equipment and refrigerants commonly found in supermarkets. This fact sheet is not meant to be a substitute for reading the regulatory text.

**GWP20 refers to NY’s use of 20-year global warming potentials instead of the 100-year GWPs used by the federal and other state governments.