

RMS Fact Sheet for Food Retail End-Users (6 NYCRR §494 - Subpart 2) New York State's Proposed Refrigerant Management and Replacement Program

Applies To

- Owners/operators of stationary refrigeration or AC equipment w/50+ charge capacity of a regulated substance.
- Retail food chains owning/operating 20+ retail food facilities in NY or 100+ retail food facilities in the US including in NY State.

Facility and Equipment Registration

- Owners/operators must register facilities, HVACR equipment, and automatic leak detection devices (ALDS); and they must label their equipment by the compliance dates in the table below.

Equip. Size	Regulated Equipment Compliance Threshold	Registration and Labeling Compliance Date
Large	Refrigerant charge capacity of 1,500+ lbs.	6/1/2025 for equipment installed prior to that date or by June 1 of the calendar year after the date of installation.
	Split AC system w/potential emissions=23,000+ lbs. CO2e/yr.	
Medium	Refrigerant charge capacity of 200 to 1,499 lbs.	6/1/2026 for equipment installed prior to that date or by June 1 of the calendar year after the date of installation.
	Split AC system w/potential emission=3000-22,999 lbs. CO2e/yr.	
Small	Refrigerant charge capacity of 50 to 199 lbs.	6/1/2028 for equipment installed prior to that date or by June 1 of the calendar year after the date of installation.
	Split AC system w/potential emissions=750-2999 lbs. CO2e/yr.	

Leak Detection and Monitoring

- Starting 1/1/2025, HVACR owners/operators must leak inspect equipment when adding ≥ 5 lbs. of refrigerant or 1% of charge capacity, when oily residue observed, w/in 24 hrs. of leak being detected by an ALDS, and at the intervals in the following table:

Equipment Size	Compliance Threshold	Leak Detection Protocol
Large refrigeration	Refrigerant charge capacity 1,500+ lbs.	Inspect monthly; ALDS by 6/1/25.
Large AC	Refrigerant charge capacity 1,500+ lbs.	Monthly inspection or install ALDS.
	Split AC system w/potential emission rate=23,000+ lbs. CO2e/yr.	
Medium	Refrigerant charge capacity 200 - 1,499 lbs.	Quarterly inspection or install ALDS.
	Split AC system w/potential emission rate=3000-22,999 lbs. CO2e/yr.	
Small	Refrigerant charge capacity 50 - 199 lbs.	Annual inspection or install ALDS.
	Split AC system w/potential emission rate=750-2999 lbs. CO2e/yr.	

Leak Repair

- Starting 1/1/2025, leaks must be repaired within 14 days of initial detection. Mothballing stops the clock. 45 days given for repair if tech or parts not available (strict documentation to prove these situations required to receive extension).
- Initial verification test (IVT) must be conducted as soon as practicable, but no later than 30 days after the leak repair.
- Follow-up verification tests (FVT) must be conducted within 10 days of equipment reaching normal operating conditions.
- Unsuccessful verification tests qualify for a repair extension that equals the original repair time frame (14 to 45 days).

Annual Reporting: owners/operators of HVACR equipment must report annually according to the schedule in the table below.

Equipment Size	Regulated Equipment Compliance Threshold	Annual Report Deadline
Large	Refrigerant charge capacity of 1,500+ lbs.	3/31/26 for regulated equipment installed prior to January 1, 2025; By March 31 of the calendar year after the date that new regulated equipment is installed.
	Split air-conditioning system with potential emission rate of 23,000+ lbs. CO2e/yr.	
Medium	Refrigerant charge capacity of 200 to 1,499 lbs.	3/31/27 for regulated equipment installed prior to January 1, 2027; By March 31 of the calendar year after the date that new regulated equipment is installed.
	Split air-conditioning system with potential emission rate of 3000 to 22,999 lbs. CO2e/yr.	

Refrigerant Replacement Program:

- By 1/1/2035, all refrigerants used in refrigeration equipment containing 200+ lbs. must (1) have a GWP20 <10 OR (2) annual refrigerant loss from refrigeration equipment containing 200+ lbs. is ≤ 1% OR annual emissions from refrigerant loss from all equipment at each facility does not exceed a comparable emission quantity as would result from meeting conditions (1) or (2) at that facility OR (3) there is an approved Replacement Plan or an approved variance.
- Replacement Plans must be submitted no later than 1/1/2027. Must describe how each facility will transition to meet requirements as listed above.
- May request up to 5-year extension to meet requirements (by 2040) for certain types of facilities. Total number of facilities that receive extensions cannot exceed 75% of all facilities owned/operated in NY.