



FRIP



NORTH AMERICAN
**Sustainable
Refrigeration
Council**

F-gas Reduction Incentive Program (FRIP): Commercial and Industrial Refrigeration Funding Guidelines Addendum 01

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The purpose of this addendum is to make the following revisions, based on public feedback, to the F-gas Reduction Incentive Program (FRIP): Commercial and Industrial Refrigeration Funding Guidelines, originally posted on September 5, 2024.¹

Note: Added language appears in bold underline and deleted language appears in strikethrough and within square brackets.

1) Page 8, Table 4: Existing System Eligibility Requirements by Refrigeration Sector

Refrigeration Sector	Minimum Global Warming Potential (GWP) for All Existing Systems to be Replaced	Minimum Refrigerant Charge for Sum of Existing Systems to be Replaced
Retail Food Refrigeration	>1,300 GWP ²	N/A
Industrial Process Refrigeration	>1,800 GWP ³	[2,000 lb.] <u>500 lb.</u> ⁴
Cold Storage and Other Refrigeration	>1,800 GWP ³	[1,000 lb.] <u>500 lb.</u> ⁴

2) Page 9: Field-erected systems, as well as packaged, direct exchange systems, are eligible for funding under this solicitation. [~~Self-contained equipment is not eligible for funding under this solicitation.~~] Microdistributed systems with water loops are eligible for funding.

¹[FRIP Funding Guidelines CI Refrigeration](#)

² Common refrigerants with a GWP >1,300 per the Intergovernmental Panel on Climate Change (IPCC) 4th Assessment Report (AR4) include R-22, R-407A, R-404A, R-507A, R-448A, and R-449A.

³ Common refrigerants with a GWP >1,800 per IPCC's AR 4 include R-22, R-407A, R-404A, and R-507A.

⁴ The majority of the charge size of the existing systems to be replaced must be from systems with >50 lb. of refrigerant.

Air-cooled self-contained equipment is eligible for funding only in retail food refrigeration facilities. For this equipment type, the proposed refrigerated cases must be ENERGY STAR certified⁵ or have equivalent maximum daily energy consumption.⁶ For cases that are not ENERGY STAR certified, manufacturers or applicants must supply the specification sheet or model number of the proposed cases in their application for the North American Sustainable Refrigeration Council (NASRC) to verify eligibility. Projects that replace no more than 200 linear feet of high-GWP refrigerated cases are preferred. If more than 200 linear feet of high-GWP refrigerated cases will be replaced, NASRC will review the application to determine whether the proposal meets the intent of FRIP and is eligible for an incentive award. However, no more than 200 linear feet will be used to calculate the incentive award for air-cooled self-contained equipment projects.

[When propane is used as a refrigerant in these systems, charge sizes must be consistent comply with the latest refrigeration safety standards in California⁷ [to ensure energy efficient operation.] Existing, field-erected indirect systems, which are only eligible for replacement in the Industrial Process Refrigeration sector, must be replaced with systems—whether direct or indirect—that use exclusively ultra-low-GWP refrigerants. This is considered a full replacement for calculating the incentive award.

⁵ [ENERGY STAR Certified Commercial Refrigerators and Freezers | EPA ENERGY STAR](#)

⁶ [Commercial Refrigerators & Freezers Key Product Criteria | ENERGY STAR](#)

⁷ Underwriters Laboratories (UL) 60335-2-89 Edition 2 and ASHRAE 15 (2022) are effective in California starting July 1, 2024.