Equipment Details

Equipment Name	**CU-7 — Rack A Condensing Unit**
Serial Number	DEMO-SN-2207
Model Number	Copeland ZX-Series
Refrigerant Type	R-404A
Full Charge	55 lbs
Full Charge Method	Manufacturer's determination
EPA Category	Commercial Refrigeration (20% threshold)
Leak-Repair Rule	**Subject to 40 CFR 84.106**
Location	Roof, rack A
Installed	Mar 1, 2025
Calculation Method	Annualizing
Status	**ACTIVE**
Added to System	Apr 30, 2026

Record Revisions — 40 CFR 84.106(l)(1)(v) (0 on record)

No revisions to the full charge or other appliance-record fields since this appliance was added.

Current Compliance Status

EXCEEDED

Current Leak Rate	**29.2%**
EPA Threshold	20%
Events in 365-Day Window	2
Rolling Window Total	7.5 lbs

Leak Rate vs. Threshold



125% Chronic Leaker Assessment

2026 Counted Pounds	7.5 lbs
125% of Full Charge	68.8 lbs
Counted % of Full Charge	**14%**

Chronic Leaker Progress



Service Events (2 total)

#	Date	Added	Leak Rate	Method	Technician	Notes
1	Jun 29, 2026	2 lbs	3.6%	ANN	Marisol Vega	—
2	Nov 1, 2026	5.5 lbs	29.2%	ANN	Marisol Vega	Found oil residue at liquid line braze joint. Charge adde...

Repair Actions (1 total)

OPEN Triggered at 29.2% on Nov 1, 2026 Deadline: Dec 1, 2026

Auto-created: Leak rate 29.2% exceeds 20% threshold.