

CASE STUDY

Grocery Store Provides an Essential Service While Protecting the Environment



BACKGROUND

About the Grocery Store Chain

This grocery store chain is part of one of the largest food and drug retailers in the US. With a presence in over 34 states and the District of Columbia, this grocery store plays a critical role in Americans' lives.

About A-Gas

A-Gas is building a sustainable future through the supply of lower global warming refrigerants combined with responsible lifecycle management of refrigerant gases. Through our first-class recovery, reclamation, and repurposing processes, we capture refrigerants and fire protection gases for future reclamation or destruction, preventing harmful release into the atmosphere.

About Rapid Recovery

Rapid Recovery is A-Gas' premier refrigerant recovery service. Across the globe, we provide a safe and fast on-site recovery service, which includes industry-leading EPA documentation and refrigerant analysis.

About California Air Resources Board (CARB)

Starting in 2025, California will put a cap on bulk virgin HFC refrigerant sales with a Global Warming Potential (GWP) above 2,200. While this applies to newly produced refrigerants, the GWP limits do not apply to reclaimed refrigerants, providing a cost-effective and compliant way to manage high-GWP refrigerants as businesses transition to lower-GWP alternatives.

CHALLENGE

This grocery store is committed to reducing its impact on the climate through its dedicated sustainability program and framework. As part of that framework, the grocer identified that investing in better refrigerant systems would have a positive impact on the environment.

AT A GLANCE

Challenges

- Meet sustainability goals
- Manage 4 million pounds of HFCs across the grocery store's portfolio
- Regular refrigerant recovery & supply service
- Future refrigerant strategy

Benefits

- Environmental: Responsible refrigerant recovery to prevent release into the atmosphere; prepare for shift to HFOs
- Economic: On-site recovery service, 10x faster than traditional recovery methods
- Other: EPA & DOT documentation



We could not be more proud to help this customer solve today's problems while strategizing for a more sustainable future.

TIM AMBURGEY

Former Director of National Accounts (Retired),
A-Gas

Safe refrigerant recovery and reclamation have always been important to protect the environment, but it's even more critical as HFCs are phased down as part of the AIM Act. With A-Gas' help, this grocery chain's responsible refrigerant management of the 4 million pounds of HFCs across its portfolio will ensure the future supply of these refrigerant gases.

SOLUTION

For our customer's hundreds of stores across California, it's imperative the organization judiciously manages its refrigerant consumption while continuing to provide the communities it serves an essential service. As such, A-Gas is providing product assurances while also preparing our customer to switch to HFOs across a broader range of stores, faster.



RESULTS

In switching from HFCs to HFOs, our customer is significantly reducing the GWP of its portfolio. Comparing R404A to R448A, there will be *almost a 68% decrease in GWP*. Through this partnership, they can also comply with federal and local regulations while furthering their commitment to the environment. A-Gas' Rapid Recovery EPA-certified technicians are experts in EPA documentation. With Rapid Recovery's national coverage, speed of recovery, and safe capture of refrigerants, our customer can focus on providing customer service.

CONCLUSION

With A-Gas' Rapid Recovery safely recovering refrigerants and providing AHRI 700 certified products, this grocery store chain is making progress in achieving its goals.

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Over 56K pounds of refrigerant recovered & equivalent supply assured in 2020.