



SABROSO

A RESTAURANT'S JOURNEY TO SUSTAINABILITY WITH GAST

CASE STUDY





“A few months after installing a CO₂ tank outside, we came one day and the tank was gone. It was a lot of money. If we run out of CO₂, we’re going to have a lot of angry customers, and we don’t want that because we’re going to lose them.”

OLIVIA MANCINAS,
Owner/Operator, Sabroso

Losing CO₂ doesn’t just slow down service. It immediately stops fountain beverage sales, disrupts syrup ratios, and jeopardizes customer loyalty. Sabroso found itself at a critical moment in its history, facing a challenge that demanded a smarter, more reliable solution.

A Community Anchor Faces Unseen Challenges

In Benton Harbor, Michigan, Sabroso is more than a restaurant—it’s a vibrant gathering place where friends and families share great food and crisp fountain drinks. At its heart is owner and operator Olivia Mancinas, whose passion for her community drives everything she does.

Like many small businesses, Sabroso runs on thin margins, making every cost and customer interaction count. Beverage sales are key to its success, but rising CO₂ costs, supply disruptions, potential system leaks, and even tank thefts turned a simple necessity into a major challenge, threatening both operations and the community spirit Olivia has built.

Key Challenges

For restaurants running on thin margins, every cost and customer moment counts. With beverage sales so critical, any CO₂ disruption quickly becomes a serious issue. Sabroso, like many operators, found that traditional CO₂ systems had become one of their most unpredictable and unsustainable risks.

- Delivery delays and rising gas prices
- Labor-draining cylinder swaps and peak-hour downtime
- CO₂ loss from leaks in syrup pumps and lines
- Added compliance and safety handling requirements
- Outages that hurt customer experience and brand reputation
- Long-term environmental impact

The Core Problem:

Keep fountain beverages flowing while cutting waste, cost, and risk.

That’s when Gast, a local manufacturer just down the road, stepped in. During an on-site visit, the team saw a major issue: much of the CO₂ Sabroso was paying for and storing wasn’t required for carbonation. It was used for non-essential applications, such as powering BIB syrup pumps and dispensers.

If they could those CO₂ uses with clean, efficient air, Gast could dramatically reduce supply risk, protect uptime, lower costs, and shrink emissions—all without disrupting operations.



The Solution: Simple Innovation, Big Impact

Guided by its commitment to moving with purpose, Gast moved quickly to deliver a reliable, forward-thinking, transformative fix: the BEVG4 CO₂ Reduction System. This compact, plug-and-play unit replaces CO₂ with clean, dry compressed air for all non-essential beverage functions. By installing directly before the bag-in-box (BIB) syrup pumps, it seamlessly integrates into existing CO₂ setups with no infrastructure changes required.

For Sabroso, the BEV G4 was compelling because it immediately addressed the biggest CO₂ pain points while requiring almost no operational effort.

As Gast's Team Described:



“We mounted the compressor on the wall, plugged the system in, and switched over from CO₂ to air...The customer didn't even feel the difference.”

DOUG FRANCK,
Market Development Manager, Gast



Why It Was the Right Fit for Sabroso (and countless others)



Fast, Simple Install

Installed in under an hour, no infrastructure changes



Space-Efficient and Quiet

Ideal for tight back-of-house environments, creates minimal noise



Reliable Performance

Supplies clean, dry air at the proper dew point



Built to Last

Designed for multi-pump systems with a 10+ year life and minimal maintenance



Compliance Ready

Meets UL, NSF, and CE standards

The Impact:

A Breath of Fresh Air for Sabroso

The BEVG4 transformed Sabroso's beverage operations, freeing Olivia and her team from constant CO₂ management so they could focus on serving their community. The switch delivered more than cost savings; it improved service reliability, strengthened margins, reduced operational stress, supported sustainability goals, and reinforced their commitment to local partnerships.

Save \$1,000 annually per location on CO₂ and delivery. *

*Based on approximately 300 drinks per day (24 oz) or 2000 gallons of syrup annually, with 2/3 hard ice fill.

\$1k

Save up to 40% on CO₂ usage by eliminating non-essential CO₂.

40%

Financial Gains & Waste Reduction

By powering syrup pumps with clean, dry compressed air, Sabroso cut 40%+ of CO₂-related costs. They saw immediate savings from fewer gas purchases and deliveries, smaller storage needs, fewer leak points, and no product loss due to downtime. This freed up resources they could reinvest in their people and business.

Reliable, Uninterrupted Beverage Service

With clean, dry air available 24/7, Sabroso significantly reduced the risk of CO₂ outages and the labor burden of cylinder swaps. With stable pressure ensuring consistent syrup ratios, Sabroso delivered a smoother, more reliable customer experience across every shift.

Reliable, Uninterrupted Beverage Service

- Eliminates a major CO₂ consumption point
- Cuts up to **40% of non-essential CO₂ usage**
- Reduces **80%+ of common leak points** in pumps, lines, and fittings
- Cuts frequencies of delivery and reduces risk for delays, shortages, and theft

As Gast Engineer Collin Howard Summarized:



“With compressed dry air, it’s all around us — and you don’t run the risk of running out of CO₂.”

COLLIN HOWARD,
New Product Engineer, Gast

The BEV G4 sets a new standard for efficiency and sustainability. What began as a hidden operational risk became an opportunity for Sabroso to run smarter, greener, and more reliably. Today, their fountain program delivers more uptime, greater stability, and lower operating costs, all powered by clean, dependable compressed air.





Ready to streamline your beverage system?

The BEV G4 delivers fast, measurable results—lower CO₂ usage, fewer headaches, and real operational savings. Use our beverage calculator to see how quickly the benefits stack up for your business.



CALCULATE
YOUR SAVINGS

Why Gast – Partners in Progress

At Gast, everything starts with you. We work closely with customers to understand their operations and goals, then engineer solutions tailored to their needs. Whether you're improving throughput, reducing maintenance, or advancing sustainability, we partner with you from concept through implementation—with the same expertise trusted by industry leaders.

Backed by more than a century of innovation, Gast delivers reliable compressed air and vacuum technologies that boost efficiency, reduce downtime, and lower operating costs. Our solutions integrate seamlessly into demanding environments, delivering long-lasting performance that strengthens supply chains and supports future-ready operations. With a commitment to quality and customer success, Gast helps you solve today's challenges and prepare for what's next.

We look forward to helping you and your business move with purpose.

Get In Touch

AMERICAS

Headquarters

2300 M-139 Highway
Benton Harbor, MI 49022

Customer Service:

cassistance@idexcorp.com

Tech Support:

technical.gast@idexcorp.com

EMEA

Gast Group Ltd.

Gast Jun-Air Europe B.V
Hengelderweg 24
NL-6942 NB, Didam
The Netherlands

Phone: +44 (0)1527 504040

APAC

Gast Group Ltd.

Room 3502-3505
No. 1027 Chang Ning Road,
Zhaofeng Plaza
Shanghai, China 200050

Phone: +86-21-52415599 ext. 302

Fax: +86-21-52418339 ext. 302

Email: ahu@idexcorp.com

Pictorial and dimensional data is subject to change without notice. The information presented is based on technical data and test results of nominal units. It is believed to be accurate and is offered as an aid in the selection of Gast products. It is the user's responsibility to determine suitability of the product for intended use and the user assumes all risk and liability whatsoever in connection therewith. Environmental and application conditions may affect advertised life.