

Airgas to Feature Efficient and Sustainable Solutions for Food Industry at IPPE 2022

Airgas, an Air Liquide company, will showcase equipment and applications expertise to help produce a sustainable future for the food industry at the 2022 International Production & Processing Expo (IPPE). Airgas food industry specialists will present at IPPE in Atlanta's Georgia World Congress Center from January 25–27, 2022 in Booth #C11251.

Food manufacturers are constantly looking to enhance competitiveness within the industry and are adopting more sustainable and efficient ways to meet rising consumer demand. Experts will be on hand to consult with food manufacturers navigating the challenges of adapting traditional production methods to meet emerging needs.

A complete value chain of solutions for the poultry industry is available through Airgas and can help customers produce quality products from farm to fork while maintaining food sanitation standards and lowering the carbon footprint within the food industry.

Airgas is committed to helping customers maintain hygiene and sanitation standards with its equipment offer, safety and process expertise:

- **FP1 Freezing Tunnel:** The Cryo Tunnel - FP1 is a fully welded, stainless steel, in-line cryogenic tunnel with modular sections that can be easily integrated into any food processing line. It offers the versatility to efficiently freeze, crust freeze, or chill any type of food product using liquid nitrogen or carbon dioxide while ensuring exceptional product quality. The hygienically-designed lifting system ensures that the lid can open completely for better accessibility during cleaning, sanitation and maintenance functions.
- **Bottom Injection System:** The Airgas bottom injection system is a patented, high flow, self-sealing and easily cleanable stainless steel cryogenic injector designed by Airgas for bottom injection temperature control applications using the latest hygiene guidelines. The design of this system will limit the potential for larger food safety issues, as its ease of cleanliness and inspection helps prevent any product contamination, which can lead to a food recall. It is ideal for those processors that need increased productivity and ease of operation with minimal capital investment and installation cost.

With a team of more than 60 QSSP- and OSHA 30-certified safety specialists, Airgas takes safety beyond products. These specialists will show PPE appropriate for food plant workers and can identify workplace hazards and help implement corrective actions to [protect workers from head to toe while working](#).

Airgas is ready to help customers achieve their sustainability goals by lowering their carbon footprint and supporting the growing alternative proteins industry:

- The Airgas freezing and chilling systems lock in moisture and reduce dehydration, increasing yield and thereby reducing each product's overall carbon footprint. Airgas can also offer nitrogen and oxygen produced with low carbon emissions in its full range of services used in the food industry.
- Airgas recognizes that the need for additional food sources continues to grow and that this gap can be filled with the use of alternative proteins. Airgas is working with customers who are producing and using alternative proteins, helping them to create a process solution that leverages proven technologies to meet these current and emerging needs.

A TECHTalks presentation at IPPE will feature Bill Adams, PhD, Director of Airgas Food and Pharmaceutical Solutions, presenting the topic of *Sanitation and Hygiene Considerations of Food Chilling and Freezing Equipment*, from 1:00 to 1:20 p.m. EST on January 26, 2022 at C Hall, Booth C10611.

David Joyner, Vice President of Food and Beverage Markets, commented: ***“Airgas is in a unique position to support an industry that is innovating to meet rising demand and rapidly advancing—on worker safety, automation, sustainability, supply chain resilience—and accelerate advances such as alternative proteins.”***

Airgas, Inc.

Airgas®, an Air Liquide company, is a leading U.S. supplier of industrial, medical and specialty gases, as well as hardgoods and related products; one of the largest U.S. suppliers of safety products; and a leading U.S. supplier of ammonia products and process chemicals.

Dedicated to improving the performance of its more than 1 million customers, Airgas safely and reliably provides products, services and expertise through its more than 18,000 associates, over 1,400 locations, robust e-Business platform, and Airgas Total Access® telesales channel.

As an Air Liquide company, a world leader in gases, technology and services for Industry and Health, Airgas offers customers an unrivaled global footprint and industry-leading technology and innovations.

For more information, please visit www.airgas.com

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A world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 78 countries with approximately 64,500 employees and serves more than 3.8 million customers and patients. Oxygen, nitrogen and hydrogen are essential small molecules for life, matter and energy. They embody Air Liquide's scientific territory and have been at the core of the company's activities since its creation in 1902.

Air Liquide's ambition is to be a leader in its industry, deliver long term performance and contribute to sustainability - with a strong commitment to climate change and energy transition at the heart of its strategy. The company's customer-centric transformation strategy aims at profitable, regular and responsible growth over the long term. It relies on operational excellence, selective investments, open innovation and a network organization implemented by the Group worldwide. Through the commitment and inventiveness of its people, Air Liquide leverages energy and environment transition, changes in healthcare and digitization, and delivers greater value to all its stakeholders.

Air Liquide's revenue amounted to more than 20 billion euros in 2020. Air Liquide is listed on the Euronext Paris stock exchange (compartment A) and belongs to the CAC 40, EURO STOXX 50 and FTSE4Good indexes.