

Compressed Air Systems for the Food & Beverage Industry



Purchase the Wrong Compressor and Get Dangerous Food Additives for Free

Contamination is something that can happen intentionally or accidentally. Either way, an unwanted substance polluting your compressed air system can remain undetected until it is too late, causing big problems to your product quality or brand reputation.

CAUSES OF CONTAMINATION



WHAT IT CAN COST YOU



Managing Compressed Air Contamination Risk

The goal of food and beverage manufacturers is to provide products that are reliable and safe, leaving little room for error in your facility. High-quality compressed air is an essential ingredient to make this happen. You can count on Ingersoll Rand® as a trusted partner for compressed air technologies and services to provide collaborative solutions that make you successful, by maximizing efficiency and performance.

The Right Compressor System for the Right Application

The FDA does not stipulate specific compressor types for the food and beverage industry, so you can take advantage of Ingersoll Rand's broad product portfolio to find the compressor system that cost effectively minimizes contamination risk and matches your specific demand.

Class 0, 100% Oil-Free Air

An oil-free air system has a higher start-up acquisition cost but offers lower risk. There is no oil in the compression chamber, posing no threat of contamination – especially important if compressed air is in direct contact with your production process. These systems have reduced maintenance costs due to the elimination of oil in the compression process.

CLASS 0
ISO 8573
Oil-Free System



Oil-Flooded with Air Treatment

This system uses built-in separators and downstream filters to remove oil. Initial costs are lower; however, it requires more maintenance and constant system monitoring to ensure consistent, contaminant-free air. Choose FDA-approved food-grade lubricant to reduce contamination risk and comply with USDA H1-F and FDA 21-CFR standards as well as meet Kosher Pareve and Halal certifications.

More Than Just Air Compressors...Take a Systems Approach



Delivering reliable compressed air to your facility goes well beyond the compressor itself. Optimize total cost of ownership (TCO) through a systems approach that employs the best air compression technologies to reduce risk—from design to decommissioning.

- Dryers and filters to eliminate harmful moisture and particulates
- Antimicrobial Ultra FG food-grade lubricant with an industry-leading 6,000-hour life
- SimplAir® aluminum piping and chemical filtration to prevent corrosion
- Helix™ Connected Platform for real-time data to maximize uptime
- Comprehensive services that mitigate risk, such as performance assessments, system design, turnkey project management and CARE maintenance programs



Contact Us to Talk to a
Compressed Air Expert Today



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