

## West Coast Brewery

**Focus:**

A Brewery that is a family-owned and independent craft brewery in Seattle, WA that started as an award-winning home brewery in 2010 and quickly grew into several production facilities and taprooms.

**Challenge:**

The rising costs of CO<sub>2</sub>, they were spending thousands per month, and with the addition of a new, high-performance canning line, costs were expected to increase exponentially.

**Solution:**

A Parker NITROSource on-site nitrogen generator was installed, providing a continuous supply of nitrogen gas with purities up to 99.99%.

**Impact:**

The Brewery substantially reduced their monthly costs to nearly one-third of what they were previously spending and realized a payback on its investment in less than one year.



**Project Name:** West Coast Brewery  
**Location:** Seattle, Washington

### Summary

Growing at a fast rate, a west coast brewery in the USA needed a solution that would help it continue to grow their business while offering a cost-savings and increasing operation efficiencies. The Brewery's procurement team sought out a local Parker distributor to help size and source their new system. In the end, a key factor in choosing a Parker product was the fact that they had access to a local representative to answer their questions and offer support – giving them confidence and total peace of mind.

### Challenge

The Brewery was quickly expanding their operations and did not want to sacrifice or compromise the quality of their processes or finished product. A solution was urgently needed to help meet the demand of their high-speed canning line and bustling operation, as canned beer continues growing in popularity. They knew of other local breweries that made the switch from CO<sub>2</sub> to N<sub>2</sub> and decided to consider the benefits of following suit.

### Solution

After careful review of the Brewery's requirements, a Parker NITROSource on-site nitrogen gas generator was selected as it was the premier choice to meet the needs of this rapidly growing business. Not only did the integration of on-demand nitrogen gas generation boost productivity, but it also provided substantial savings and an unexpectedly fast ROI, leading the Brewery to switch from using CO<sub>2</sub> to N<sub>2</sub> in nearly all their brewing processes. Free from the hassle of cylinder gas delivery and supply chain shortages they are now able to fully maximize their facility's uptime and focus on what they love most – making beer.

# NITROSource *Advanced technology for industry-leading performance*

A product of Parker's worldwide R&D resources that featuring a host of intelligent engineering solutions, unique technology and a sleek space-saving design, NITROSource is designed to work more efficiently for customers. Purely and simply, it's better inside and out.

NITROSource offers a number of significant advantages over delivered gas options, as well as traditional generator designs. So when you're considering on-site supply, NITROSource is the benchmark specification for maximum performance and lowest lifetime cost.

## Highest efficiency, highest output nitrogen gas generator

Developed through extensive research and design, utilizing the latest flow modelling technology, materials and controls system, NITROSource is the highest efficiency nitrogen generator. Using less compressed air, it produces nitrogen at the lowest unit cost.

## Carbon Molecular Sieve (CMS)

NITROSource employs the most robust, highest efficiency CMS, which is the material that removes the oxygen from the compressed air stream. This is the 'engine' of the generator, and the source of valuable performance benefits: more gas for less compressed air, reducing energy consumption; a very long working life – saving money on replacements; and less CMS per unit of gas produced, enabling a more compact unit.



### PSA technology

utilizing Carbon Molecular Sieve - designed for over 10 year's operational life.

### Easy-to-use control panel

plus mass flow controller and economy stand-by mode.

### Modular design

for expandability, and compact footprint for maximum versatility and optimum use of factory space.

### Unique Energy Saving Technology

exactly matches compressed air flow with nitrogen gas outlet flow and purity, for lowest energy consumption.