

# Emerson's integrated solution helps brew better coffee

## BENEFITS

- Designed and built integrated mini-compressor unit
- Achieved small footprint requirement
- Performed functional testing
- Met customer's aggressive lead time
- Simplified installation and reduced cost



## APPLICATION

Soda fountain & beverage dispensing equipment

## CHALLENGE

A beverage dispensing machine manufacturer developed a new product to penetrate the rapidly growing cold brew, nitrogen-infused coffee market. The machine required a compact, NSF-approved mini-compressor unit that was easy to install and pipe. The compressor introduced air into the cold-brewing process to give the beverage a foamy head, similar to a glass of beer.

## SOLUTION

Emerson's Integrated Solutions group provided a unique turnkey design for the mini-compressor unit. The solution was smaller than the competitor's design, plus samples were provided within days for customer review. Upon approval, Emerson built a package that consisted of an aluminum volume chamber mounted on a special plate. The solution also included the required tubing, fittings, and air pump. Emerson performed functional testing before shipping each assembly, plus met the customer's 14-week delivery schedule. The integrated solution saved the customer time and cost by avoiding the design, engineering, and procurement work needed to assemble the mini-compressor unit in-house. The customer also found that it was quick and easy to install the products in the dispensing machine.

*The customer was impressed with Emerson's ability to design and build a complete integrated mini-compressor unit, as well as simplify the installation process and reduce costs.*

**Emerson Automation Solutions**  
160 Park Avenue  
Florham Park, NJ 07932 USA  
+1 800-972-2726  
ASCO.Info-Valve@Emerson.com

**ASCO**<sup>™</sup>

The Emerson logo is a trademark and service mark of Emerson Electric Co.  
The ASCO trademark is registered in the U.S. and other countries.  
© 2019 Emerson Electric Co.

For more information:  
[www.Emerson.com/ASCO](http://www.Emerson.com/ASCO)

  
**EMERSON**<sup>™</sup>