

# PRESS RELEASE



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### **D6 Inc. to Unveil 22,000 Square Foot State-of-the-Art Headquarters, Thermoforming Design and Processing Facility with May Open House**

*Frigel's Intelligent Process Cooling System Key to Rapid Development and Production of  
Quality Parts for Oregon-based Company*

**EAST DUNDEE, ILL.** – 19 April, 2017 – [Frigel](#) customer [D6 Inc.](#), a manufacturing and think-tank group that specializes in food- and non-food packaging, today announced the opening of its headquarters and thermoforming processing facility to be unveiled at an open house on May 25, 2017. The 22,000-square-foot, state-of-the-art facility in Portland, OR, features advanced intelligent process cooling from Frigel designed specifically to support D6 Inc.'s ability to rapidly and cost-effectively produce quality prototype molds and parts.

“We pride ourselves in being *the* fastest production grade prototyping company in the world for our clients, creating progressive concepts in a matter of hours compared to the monthly timeframes of our competitors,” said D6 Inc. President and CEO Edward Dominion. “Our unique capabilities, combined with our new facility, allow us to produce anywhere from 10 to 500,000 plus parts per month, per line so that our clients are able to prove a concept at the store level within two to four weeks of the initial design phase.”

Dominion said D6 Inc.'s extensive knowledge of global and domestic consumer trends, as well as advanced manufacturing processes and a talented team of employees, are central to the company's rapid prototype and part production rate. D6 Inc.'s approach includes an Algorithmic Pricing Model (MX85), along with proprietary design and rendering software and state-of-the-art equipment.

Among advanced technologies at D6 Inc.'s operation is Frigel's integrated process cooling system. Based on extensive analyses of the processes and associated cooling temperatures and requirements, Frigel designed and installed a system tailored to D6 Inc.'s exact cooling requirements and production goals.

Primarily a thermoforming operation, the new facility is equipped with 11 thermoforming lines with cooling rates that range from 6,000 Kcal/hr (2 tons) up to 60,000 Kcal/hr (20 tons). Each individual thermoforming line is capable of producing parts at 55 cycles per minute. The Frigel system includes:

- An [Ecodry](#) 3DK central cooler. The patented closed-loop adiabatic central cooling unit efficiently and cost-effectively delivers clean process cooling water to machine-side Frigel Microgel combined Chiller/Temperature Control Units (TCUs).
- Two [Microgel](#) Chiller/TCUs. The units, which are positioned next to 11 thermoforming lines, provide the exact process cooling water temperatures, turbulent flows and pressures based on the specifications of any given production run.
- [3PR](#) control technology. The control platform for the Frigel system provides seamless Internet connectivity to building management systems. Users can easily view, control and optimize all aspects of their equipment based on real-time data. 3PR is the first to offer Wi-Fi and Ethernet connectivity on process-cooling units so that users can access crucial operating data, including temperatures, pressures, flow rates, and energy use. Frigel North America service technicians can monitor and troubleshoot the system remotely from the Chicago area headquarters.

“We’re driven to succeed,” Dominion said. “That means working with partners like Frigel who definitely help us get there. We’re incredibly excited about our new facility, and very optimistic about the opportunity that exists for a company like ours that can do what no other company can when it comes to rapid development and delivery of quality prototypes and parts of scale.”

## **PHOTO CAPTIONS**

### D6 Facility

*D6 Inc.’s new state-of-the-art 22,000 square foot headquarters and thermoforming design and processing facility, Portland, OR.*

### D6 Microgel

*Frigel’s Microgel Chiller/TCU at D6 Inc.’s new facility provides the exact process cooling water temperatures, turbulent flows and pressures needed based on the specifications of any given production run.*

### D6 Ecodry

*At D6 Inc.’s new facility, Frigel’s Ecodry 3DK central cooler efficiently and cost-effectively delivers clean process cooling water to machine-side Frigel Microgel combination Chiller/Temperature Control Units (TCUs).*

## **About Frigel**

Frigel has been a worldwide market leader in intelligent process cooling since the 1960s. Foremost among Frigel’s products is Ecodry, a unique, closed-loop intelligent cooling system that has been proven at more than 5,500 manufacturing installations worldwide. Ecodry, an environmentally friendly cooling

solution, keeps cooling water clean, delivers substantial savings on water, chemicals, energy and maintenance. Frigel also manufactures and markets the unique, cycle-time improving Microgel combination chiller/temperature control unit (TCU), as well as Turbogel and Thermogel TCUs, Aquagel pumping and filtration equipment and Heavygel central chillers. Frigel North America is located in East Dundee, Illinois, a suburb of Chicago. Visit [www.frigel.com](http://www.frigel.com) for more information.

#### **About D6 Inc.**

D6 Inc. is the worldwide leader in rapidly and cost-effectively producing quality production-grade prototype molds and parts at an unprecedented pace. D6 Inc., which creates progressive concepts in a matter of hours for clients compared to a period of months as with competition, specializes in food- and non-food packaging. It has quickly emerged as the market leader behind its knowledge of global and domestic consumer trends, manufacturing processes, and a proprietary design and rendering software MX85, in addition to the application of advanced technology. D6 Inc. is located in Portland, OR. For more information, visit [www.d6inc.com](http://www.d6inc.com).

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