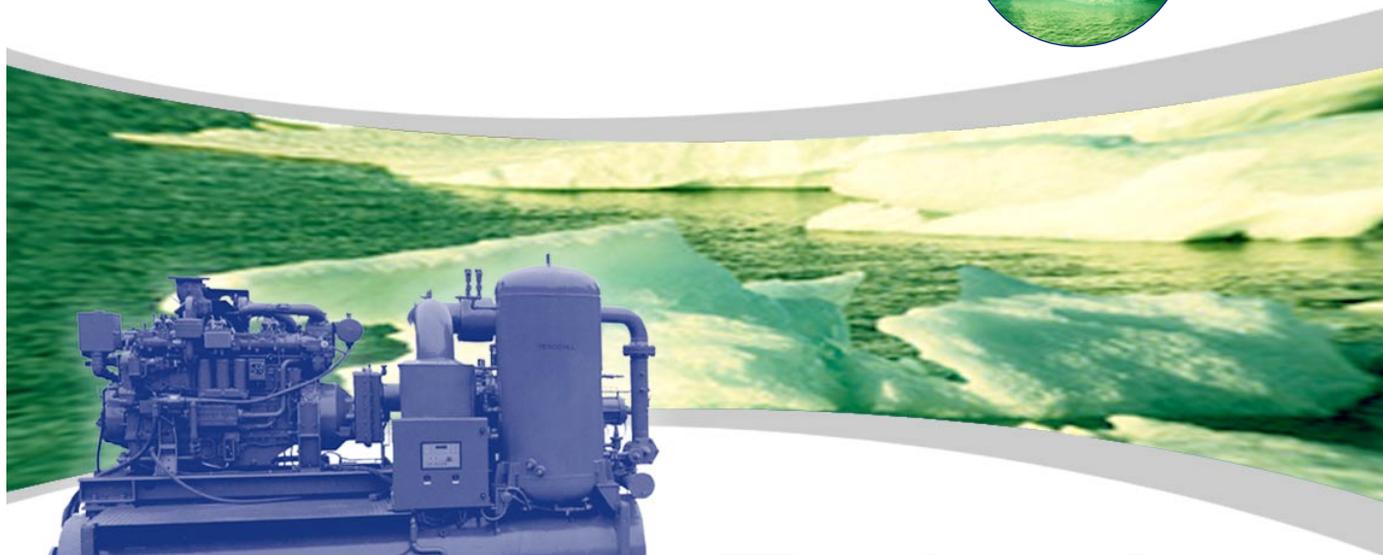
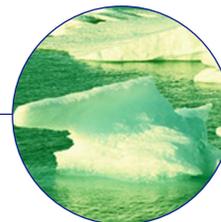


Chillers



Technology in Action

Jay Plastics Corp. - Mansfield, OH

“

The supply of natural gas has never given us a problem.

”

Rick R. Taylor
President

benefits

Benefits Realized

- Reduced Operating Cost
- Reliable
- Environment Friendly
- Added Convenience

what

What was Installed

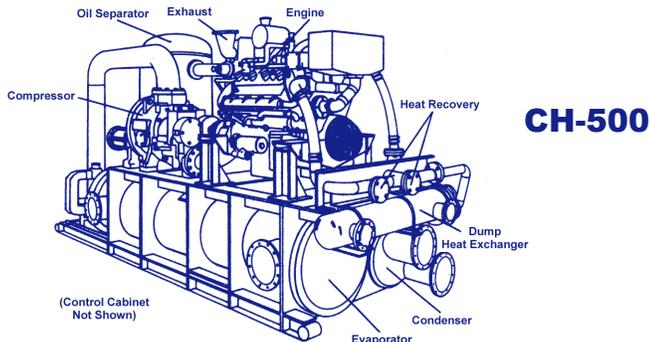
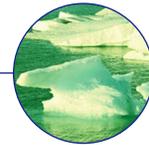
Manufacturer: Tecogen
Type: Tecochill
Gas Company: NiSource

location

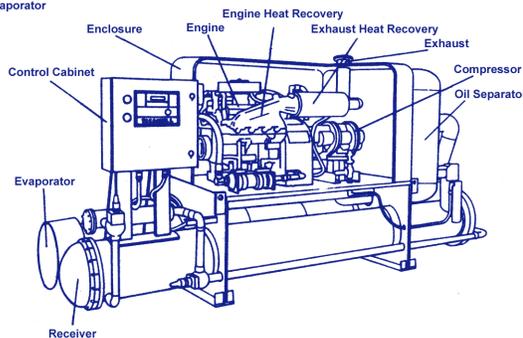
Technology on Location

Jay Plastics manufactures decorated trim parts such as wheel covers, defroster grills, and ash tray assemblies for the automotive industry. The company wanted an affordable, reliable solution to remove humidity and to provide chilled water for their injection molding process. They previously used stand-alone, freon-based, electric chillers but found that they didn't provide a good supply for some of the larger molds and were a nuisance to move around. With operating costs being a key concern, natural gas seemed the “natural” choice.

Chillers



**CH-110-AC
& CH-120-AC**



action Technology in Action

Reduced Operating Cost

Jay Plastics cited reduced operating costs as the key driver in switching their chilling system. Natural gas has achieved just that. With an estimated payback of only 1.8 years, the operation of this 150 ton chiller will save them money in a very short time.

Reliable

Using a larger system for larger molds leads to more dependable chilling. Jay Plastics is now able to use a system that is appropriate for their needs.

The company needs consistent energy to run their 24 hour, six day operation. Natural gas gives them the unfailing power they need to fuel their production demands.

Environment Friendly

Jay Plastics' new chilling system is CFC-free which will result in years of environment-friendly cooling.

Added Convenience

The company no longer needs to wheel around individual chillers. Their new system cools without smaller separate machines.

Overall Satisfaction

Jay Plastics has been very pleased with the success of their gas-driven chiller. The switch has been very cost-effective for them.

The information contained herein is provided for general information purposes only, and is not intended or to be construed as a warranty, an offer, or any representation of contractual or other legal responsibility.

Other *Plastics Suite*[®] **Technology in Action** Profiles Available

- Air Compressors
- Central Thermal Fluid Systems
- Desiccant Air Dryers
- Resin Dryers
- Thermoforming Ovens



The *Plastics Suite*[®] is a collection of tools and resources to help increase awareness of natural gas technologies in the plastics industry. Currently plastics processing consumes approximately 280 trillion BTU's of energy throughout North America. Electricity accounts for 95% of this energy consumption. Natural gas is an under-utilized option which can in most instances produce the same product at a reduced cost. The *Plastics Suite*[®] consists of equipment manufacturer guides and software for calculating equipment feasibility and projecting cost estimates. For more information on the *Plastics Suite*[®], visit the web page at www.plasticssuite.com.



For more information please contact your local Gas Supplier or visit our website: www.plasticssuite.com