

# GRUNAU

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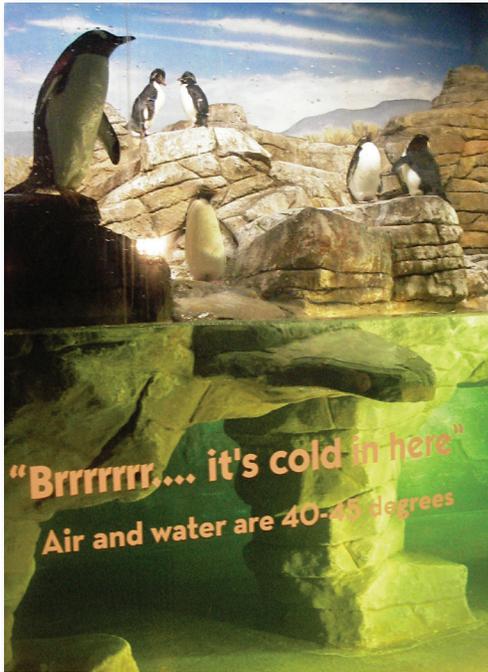
## Case Study

**Location:** Milwaukee, WI

**Industry:** Cultural & Entertainment

**Scope:** Refrigeration, Service & Maintenance

**Contract Amount:** \$12,320



**Owner:** Milwaukee County

**Delivery Method:** Plan & Spec

**Contract Type:** Time & Material

**Website:** [www.grunau.com](http://www.grunau.com)

## Milwaukee County Zoo Penguin Refrigeration

The Milwaukee County Zoo commissioned Grunau for the replacement and service of the refrigeration units needed to keep their penguins cool.

Grunau worked with Vilter, a local refrigeration compressor manufacturer. With their extensive knowledge of specialized chillers and Grunau's expertise and superior understanding of mechanical systems, the right equipment and operating systems for the replacement job were precisely chosen.

The equipment's overall purpose is to mimic the temperature, air quality and overall atmosphere of the penguins' natural, arctic habitat. This has to be an ongoing process since the fragile penguins' lives would be in danger if the refrigeration stopped for any amount of extended time. To solve this problem, Grunau installed two separate chillers and compressors.

If at any time, one of the chillers would cease to work or malfunction, the other could quickly replace it, retaining the temperature and air quality. The systems are constantly running so they require regular maintenance checks and tune-ups to continue to run at optimal efficiency; therefore, Grunau has a specific service team dedicated to this project. With Grunau's fast, reliable response time, the Milwaukee County Zoo knows they can always depend on Grunau to provide comfort to their animals.

*"(Your technician's) cool head and calm demeanor give us all confidence that any troubles will be resolved quickly and effectively."*

*Alex Waier, Bird Curator, Milwaukee County Zoo*



Chiller used to keep temperatures between 40-45 degrees