BERG
CHILLING SYSTEMS

Expert thermal process energy management

Project:
Refrigeration Plant Overhaul

Client: York University
Year: 2017

Solution: Mechanical Room upgrade at a six pad ice hockey facility.

Features:

- Full upgrade of ice rink system including:
- Three energy efficient 125hp reciprocating compressors
- Three titanium plate & frame rink chillers
- Six secondary refrigerant pumps with VFDs feeding six independent ice sheet circuits
- Virtual surge drum relocation using innovatve controls strategy and new header
- Completed on-time, on-budget, and no loss in ice-time

Highlights:

- Custom Engineered
- Ammonia
- Factory Tested
- Skid Mounted
- Build in-place
- Start-up
- Ongoing Maintenance

Complete ammonia refrigeration plant overhaul for York University's refrigeration as part of its system refurbishment and upgrade. Scope of supply included an ammonia refrigeration system with three reciprocating compressors, three plate and frame chillers, six secondary refrigerant pumps with variable frequency drives, upgrade of single secondary refrigerant header to individual headers for each ice pad, innovative virtual ammonia surge drum relocation using controls and new header, mechanical and electrical installation.

Call or visit: 1 416-755-2221
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