

Canlan Ice Sports York University

Client: Canlan Ice Sports








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 innovative 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

Canlan Ice Sports York University refrigeration system refurbishment and upgrade. Complete ammonia refrigeration plant overhaul including 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.

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