

Project:
Ammonia Refrigeration System
Evaporators

Client: Ontario Food Terminal
Year: 2020

Solution: Installation of
Evaporator Suction Regulator
Valves for a Produce Facility



Features:

- Installation and supply of evaporator suction regulator valves to an ammonia refrigeration system
- Addition of second pilot to the suction regulator has prevented defrost cycle for the ammonia refrigeration system, improving efficiency
- Energy costs savings after installation
- Factory testing, installation and start-up

Highlights:

-  Custom Engineered
-  Ammonia
-  Factory Tested
-  Start-up

Supply and installation of evaporator suction regulator valves to its ammonia refrigeration system for a produce distribution centre. The evaporators in the rooms were originally at freezing temperatures that were running a hot gas cycle. The rooms run above freezing temperature but coils were still at house suction below freezing. With the addition of a second pilot to the suction regulator, the defrost cycle for the refrigeration system was avoided entirely. This installation has saved energy costs. Scope of service included factory testing, installation and start-up.

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