

Project:
Heat Pump System

Client: Atis Technologies
Year: 2023

Solution: Supply of High-
Temperature Heat Pump
System



Features:

- High-temperature heat pump
- R515B refrigerant
- Four of 75hp compressors
- Four Heat exchangers
- Four Expansion valves
- One electrical panel
- 12 pressure transmitters
- 26 temperature transmitters
- 8 pressure switches
- Two water flowmeters
- High-temperature insulation

Highlights:

-  Custom Engineered
-  Water-cooled
-  Factory testing
-  PLC system
-  Touch Screen HMI

Supply of custom-designed High Temperature Heat Pump System for a food processing company in Québec. Scope of work included: a high-temperature heat pump charged with R515B refrigerant, four of 75hp compressors, four Heat exchangers (two evaporators, two condensers, four Expansion valves, One electrical panel, and PLC system with touch screen HMI, 12 pressure transmitters, 26 temperature transmitters, 8 pressure switches, two water flowmeters, high-temperature insulation, factory testing.