



Expert thermal
process energy
management

Project:
Custom Designed Central Chiller

Client: Kinectrics Inc

Year: 2023







Solution: Supply of two Central Chiller skid with Remote Air-Cooled Condenser



Features:

- Two Central Chiller Skids charged by R513
- One remote dual circuit air-cooled condenser
- Two individual refrigeration circuits, each includes one semi hermetic compressor
- One HP receiver
- One fusing bonded evaporator
- Integrated with one insulated, oversized stainless steel reservoir
- Two stainless steel bag filter
- Two chiller circulation stainless steel pumps
- Two process stainless steel pumps
- Freight to site

Highlights:

-  Air-Cooled
-  Custom Engineered
-  Factory testing
-  Start-up
-  Installation
-  PLC System

Supply of custom designed central chillers to provide cooling for test equipment in the facility. Scope of work included: Two Central Chiller Skids charged by R513, with the compressor cooling capacity of 20TR, one remote dual circuit air-cooled condenser, two individual refrigeration circuits, each includes one semi hermetic compressor, one HP receiver, one fusing bonded evaporator and matching condenser, integrated with one insulated, oversized stainless steel reservoir, two stainless steel bag filter, two chiller circulation stainless steel pumps, two process stainless steel pumps, valved header assembly, Centralized PLC System, factory mounted, piped, wired, painted on a structural steel frame, mechanical installation, start up, training to end user's operation staffs, freight to site.

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