

Project:

Process cooling solution

Client: Public Works and
Government Services Canada

Year: 2022







Solution: Packaged Air-Cooled
Outdoor Chiller for additional
cooling at CFB Suffield



Features:

- One air-cooled 10.5TR outdoor chiller
- Option XP40 (R-449A) refrigerant
- One Hermetically Sealed Scroll Type Compressor
- One Air-Cooled Fin and Tube Condenser
- One Brazed Plate Evaporator
- Two Centrifugal Circulation Pumps
- One High Pressure Receivers
- One Pressure Tank
- One Electronic Modulating Hot Gas Bypass
- One CPR Valve
- One Air Separator
- Heat Tracing & Insulation
- Process Piping, Process drain and fluid Fill
- One Electrical Control Panel
- Freight to site.

Highlights:

-  Custom Engineered
-  Air-Cooled
-  Touch Screen HMI
-  PLC System
-  Insulation
-  Factory-testing

Supply of process cooling solution for an additional cooling of its RAM 5 Mixer at the Canadian Forces Base in Suffield. Scope of supply included: one air-cooled 10.5TR outdoor chiller using Option XP40 (R-449A) refrigerant, one Hermetically Sealed Scroll Type Compressor, one Air-Cooled Fin and Tube Condenser, one Brazed Plate Evaporator, two Centrifugal Circulation Pumps (one process and one chiller recirculation), one High Pressure Receivers, one Pressure Tank, one Electronic Modulating Hot Gas Bypass, one CPR Valve, one Air Separator, Heat Tracing & Insulation, Process Piping, Process drain and fluid Fill, factory-testing, one Electrical Control Panel, Centralized PLC System, Touch Screen HMI, freight to site.