

Case Study – Air Cooled Heat Exchanger

Application

- Glycol/Water solution used in Freeze Drying process for food preservation

Specification

- 5 Litres/sec of Glycol/Water heating & cooling circulation system
- Heat rejection 235kW in operating ambient to +40°C

Benefits

- Thermal performance confirmed under a range of operating conditions using proprietary modelling software
- Turnkey modular cooling package including cooling panel, electric motor & impeller ready for on-site installation

Solution

- Heavy Duty cooling platform designed and built to last
 - High efficiency Copper Fin /Brass tube heat transfer technology
 - Equipment built to international standards for export to the USA
 - Hot dipped galvanised steel structure design to last for the life of the process equipment

