



## PRODUCT

Naeco specialises in the design, engineering, and manufacture of a wide range of thermal management products suited for defense applications, specialising in brazed and machined aluminium cold plates, heat exchangers and electro-mechanical assemblies. Naeco has extensive expertise in the design and development of high-performance integrated cooling systems for airborne electronics and radar. Naeco is recognised as a leader in liquid cooling systems and one of the very few thermal solution providers with the capability to offer a turn-key solution for the most demanding thermal management applications.

## CAPABILITIES

Naeco manages all aspects in-house, from preliminary design, to manufacturing, vacuum brazing, assembly, testing and acceptance. Naeco offers considerable expertise in delivering the following:

- Thermal design and analysis
- Fully integrated liquid circulation systems
- Vacuum brazed cold plates
- Heat exchangers
- Vapor cycle systems
- 3 Phase 400 Hz and brushless DC pumps
- Communications and telemetry modules
- In-house qualification testing for airborne applications
- CMM inspection and quality control
- Large cold plates up to 5m long x 1.5m wide

## DISCRIMINATORS

Naeco is one of very few thermal solution providers which have the capability to design, manufacture and test a turnkey-solution for some of the toughest thermal and environmental challenges. The company has broad experience in multiple cooling technologies that can be selectively employed to the specific application. These technologies have been designed, developed, and qualified by Naeco's engineering and manufacturing teams over the past 15 years.

## KEY CUSTOMERS

- ELTA Systems Ltd. and Israel Aerospace Industries (IAI)
- Boeing Aerostructures Australia and Boeing Defence Australia
- BAE Systems
- CEA Technologies
- Elbit Systems

## KEY PARTNERSHIPS

- EM Solutions
- ELTA Systems Ltd.
- Boeing Aerostructures Australia

## QUALITY ACCREDITATIONS AND AWARDS

- Quality System AS/NZS ISO 9001

## CONTACT DETAILS

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