

# Oil Coolers

**Serving the hydraulic, fuels, process and transmission drive cooling markets**

**AR**  
AIR RADIATORS

# Choosing the right cooler for the job

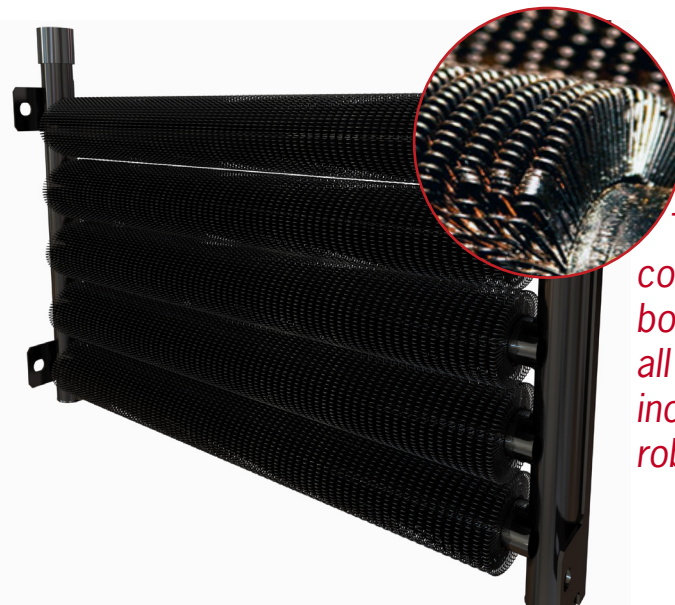
	Pin Fin	Aluminium Tube & Fin	Aluminium Bar & Plate	Steel Coolers	Copper and Aluminium Coolers
High Pressure	✓		✓	✓	✓
High Temperature	✓	✓	✓	✓	✓
Corrosion Resistant	✓			✓	✓
Underground Coal Approved	✓			✓	
Protective Surface Coating	✓	✓	✓	✓	✓
Fouling Resistant	✓		✓	✓	✓
Impact Resistant	✓		✓	✓	
High Efficiency	✓	✓	✓		
Internal Turbulators	✓		✓	✓	✓
AS1210/ASME Certification	✓			✓	
Australian Made	✓	✓			

Select from a standard range of models, or alternatively, coolers can be custom designed for your specific applications.

## Pin Fin

Compact in size, but high in performance Pin Fin coolers offer an ideal solution for fuel, transmission oil and other cooling needs.

Manufactured from steel and copper, performance and longevity are optimised in a very small envelope. For viscous fluids such as oil, and gases, including compressed air and steam, wire wound internal turbulators are added to enhance thermal performance.



The wound external copper wire fin is bonded to the tube in all Pin Fin coolers to increase strength and robustness.

## Aluminium Tube and Fin

As a part of Adrad group, Air Radiators Australian made Aluminium Tube and Fin coolers are ideal for large earthmoving and materials handling machinery.

*“The Aluminium Tube and Fin heavy duty oil coolers are custom-made and can be manufactured in many sizes with a quick turn-around”.*



## Aluminium Bar and Plate

Manufactured entirely of aluminium, the Bar & Plate cooler has excellent thermal efficiency and is light weight. The modular construction method allows it to be configured to suit a variety of internal fluids, including oils and gases.



*“Aluminium Bar and Plate is the industry ‘go-to’ for all round performance”.*



## Steel Coolers

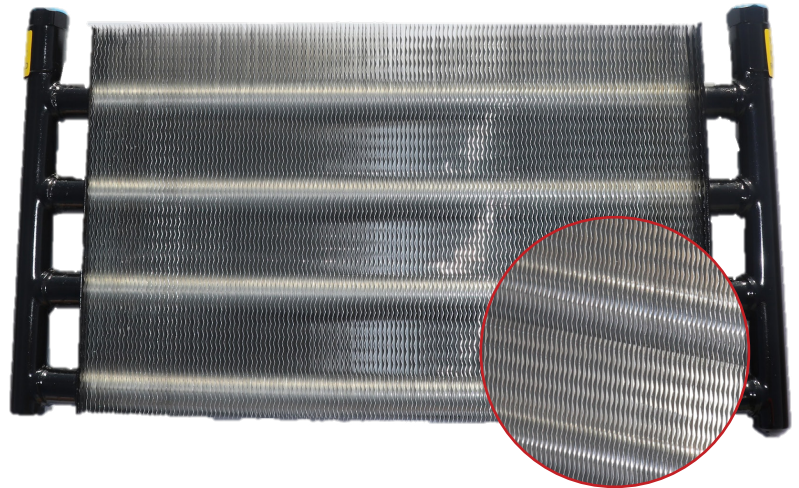
For heavy duty applications, the all steel constructed Kim Kool coolers will meet the harshest requirements.

*“Built for pressure applications reaching 5000PSIG and able to be certified to ASME(U)”.*

## Copper and Aluminium Coolers

With low internal pressure drops our Aluminium plate fin coolers are ideal for small to medium sized applications requiring high heat rejection.

*“Air Radiators’ range of Dunham-Bush Aluminium Plate Fin oil coolers are suited for both mobile and stationery applications”.*



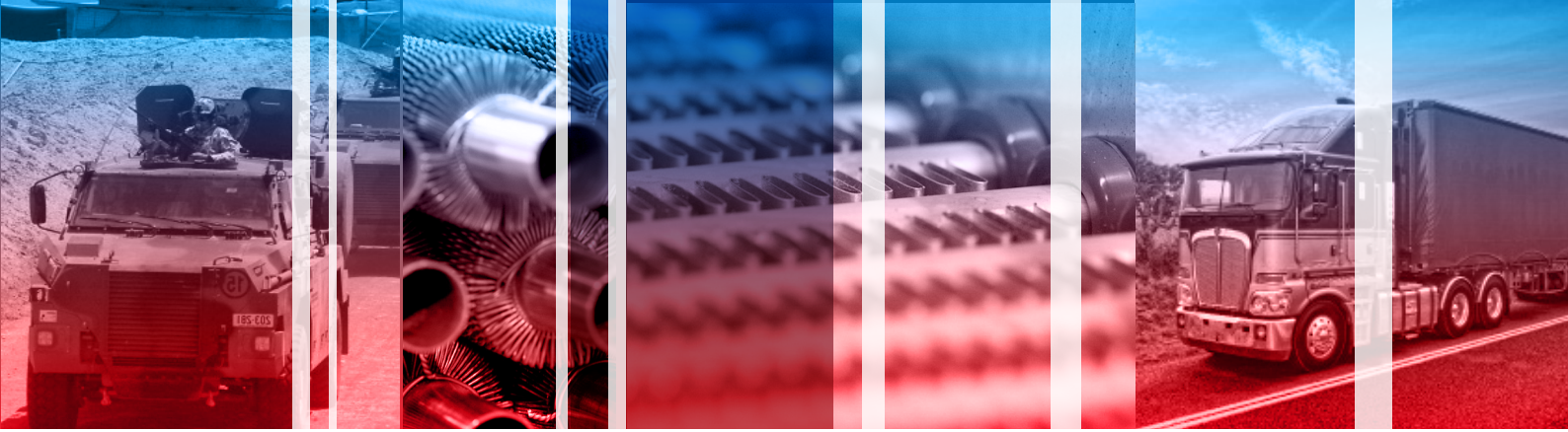
## Packaged & Stand-alone Oil Coolers

**Air Radiators’ range of oil coolers are available as ‘like for like’ replacement panels or custom designed.**

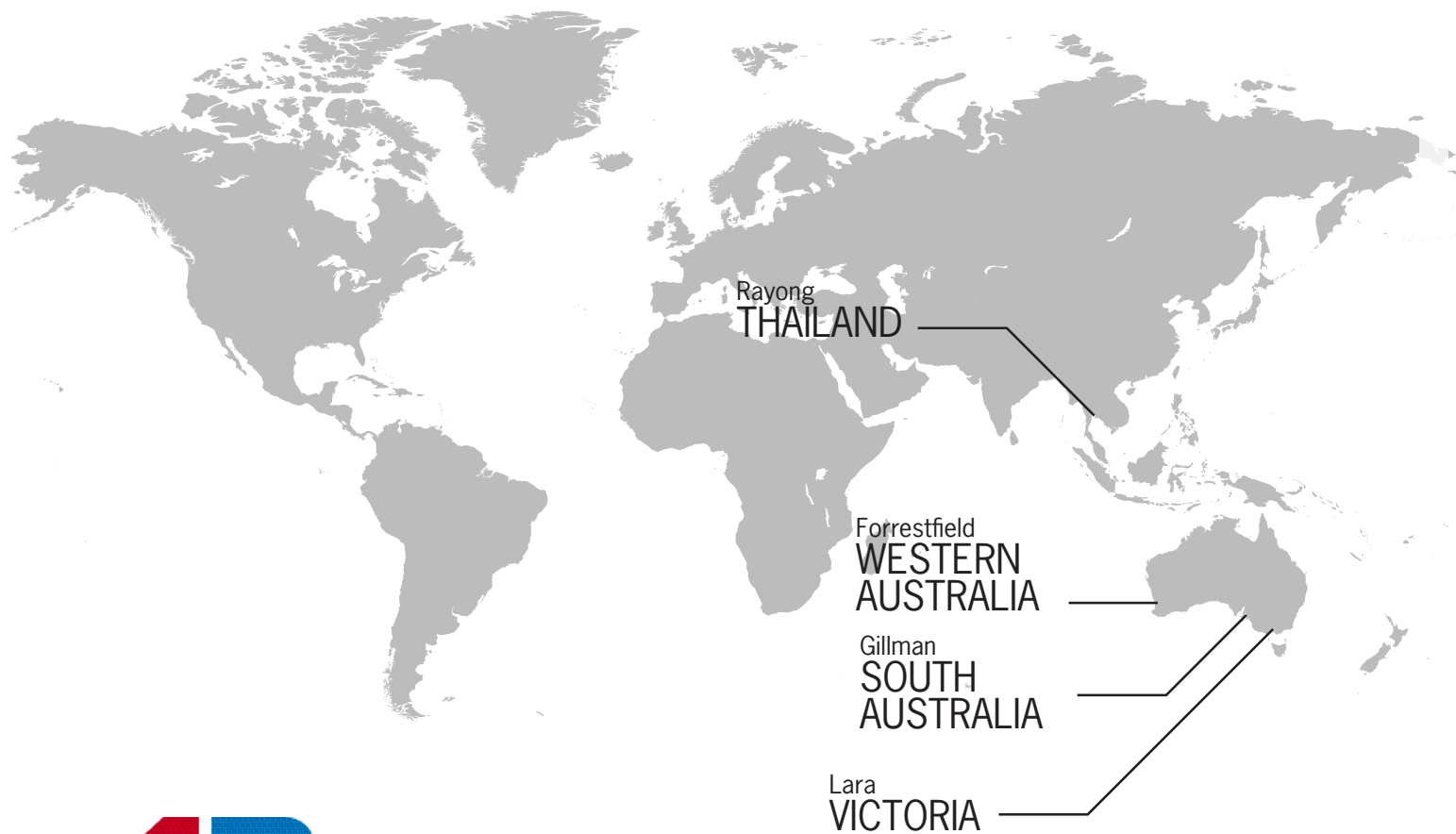
Fully packaged systems in vertical or horizontal configuration incorporating:

- Base frame,
- Fan,
- Fan shroud,
- Guard and Motor.





# LOCATIONS



[www.airradiators.com](http://www.airradiators.com)

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