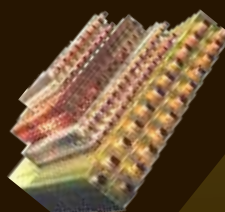
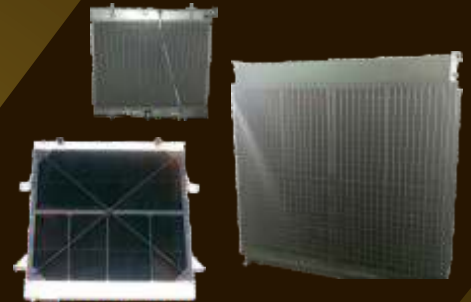




# Viking Emirates Radiators & Cooling Systems Ind LLC

**Innovation in Cooling**  
**Since : 1993**



## Company Profile & Certifications

VIKING Emirates Radiator & Cooling Systems Industries LLC Co., established in the year 1993. The company has a rich knowledge for :

- » Radiators: Automotive, Industrial, Marine & Power Generation.
- » Coils: Condensers, Air Handling Units (AHUs), Chillers, Cold Storage, Air Condition Units etc.
- » Aluminium / Copper & Brass Coolers: Hydraulic, Engine, Transmission, Charge Air & Marine
- » Brake, Clutch & Gear Linings: Automotive, Industrial & Marine
- » Heat Exchangers: Plate Heat Exchangers (PHEs), Shell & Tube for Industrial & Marine application
- » Cooling Towers

The Company manufactures specialized in designing and manufacturing mechanically-jointed and brazed radiators. Currently, it has a range comprised of 300 kinds of radiators in version for Automotive, Industrial, Marine and Power Generation.

VIKING an ISO certified company follows strict Quality Management & Personnel Safety policy where in all the documentation process of Radiator Making, Repairing, Testing and Workmanship are in line with principals' specified.

Right First Time. Following the principal all the products from its manufacturing stage and before its dispatch are thoroughly checked by our well appointed technical personnel making it possible for us to give a leading edge and satisfaction to our respective patrons in maintaining their faith and trust in VIKING's quality work.

Quality, Pricing, Workmanship & Service are the four main pillars of VIKING's long progressive history and its existence in the industry of cooling systems.



# RADIATORS

## Light & Heavy Commercial Vehicles

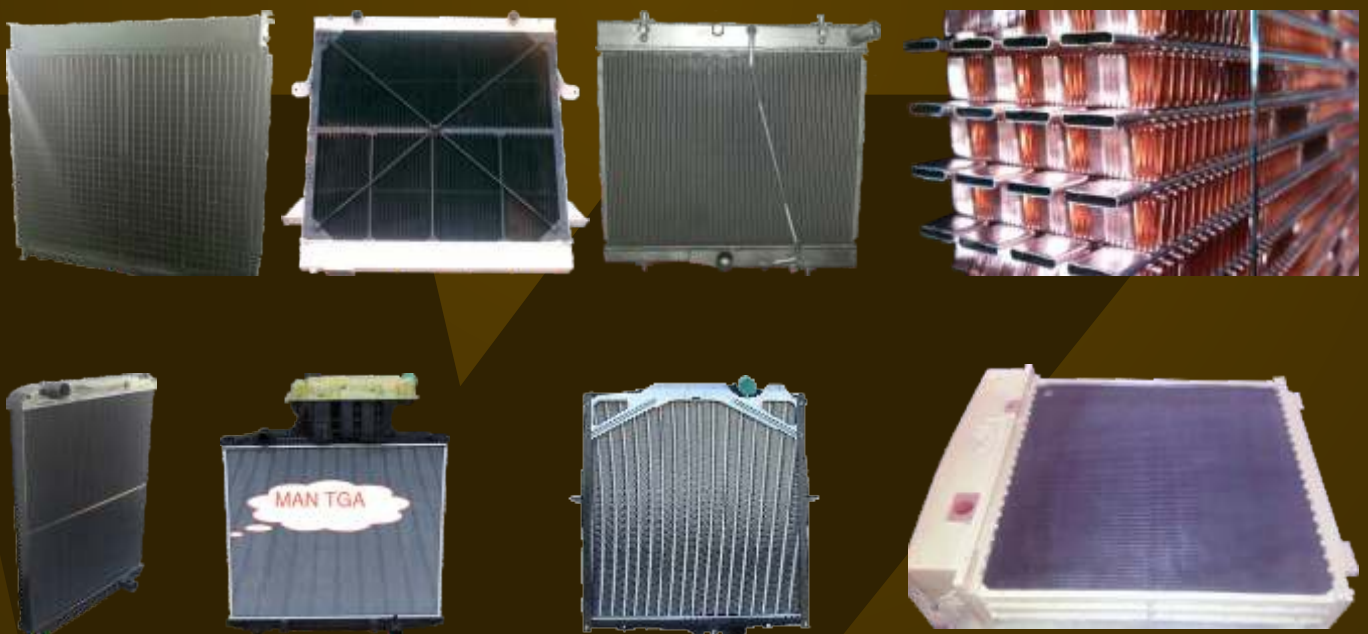
VIKING's Potential in replacing radiators Off-The-shelve for major light passenger & commercial vehicles Toyota, Nissan, Isuzu, Mitsubishi, Chevrolet, Mazda, Kia, Hyundai etc. Off-The-Shelve radiator replacement for Heavy Commercial trucks and Buses like Volvo, Mercedes, MAN, Renault, Scania, Mack, Peterbuilt, Iveco, Daewoo, Ashok Leyland, Tata, Neoplan, Agrale, Kinglong, Hyundai etc.

## Earth Moving Equipment & Power Generation

VIKING Radiator Industries Heavy-Duty Copper-Brass core which are custom built on the prerequisite of our clients to absorb scorching ambient & Engine heat to make the engines run at its original temperature even in the harshest weather. Radiators for earth moving equipments like Caterpillar, Case, Komatsu, Volvo, Terex, Hitachi, Hyundai, etc.

Heavy-Duty & Light-Duty Copper-Brass Radiator core of Gen-Sets for Caterpillar, Cummins, Perkins, FG Wilson, Kirloskar, Greeves, Volvo, SDMO, Chinese Gen-Sets etc.

These radiators are made mainly keeping in mind the weather conditions of GCC. VIKING supplies radiators of stable and excellent quality and considerate services to customers, VIKING also undertakes the servicing, leaks repairing & pressure testing of OE Radiators and other aftermarket radiators.

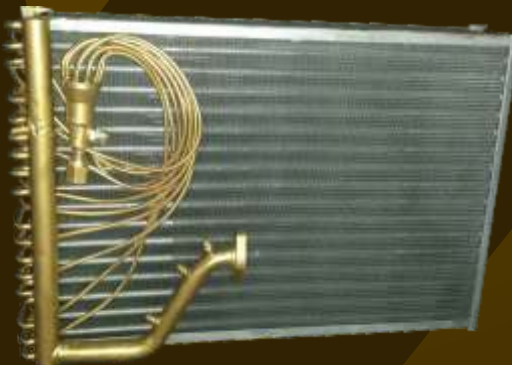
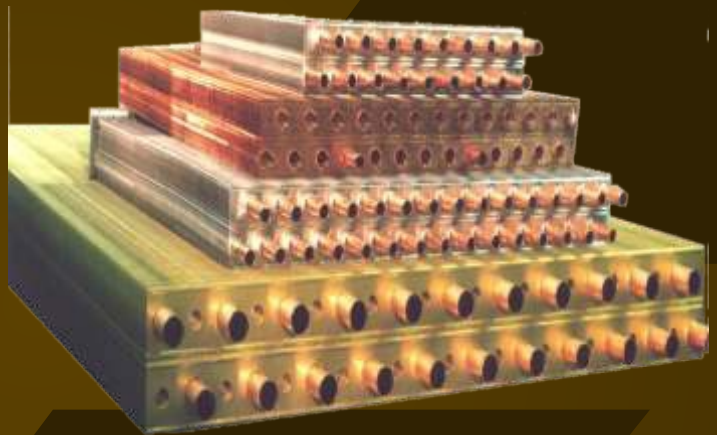
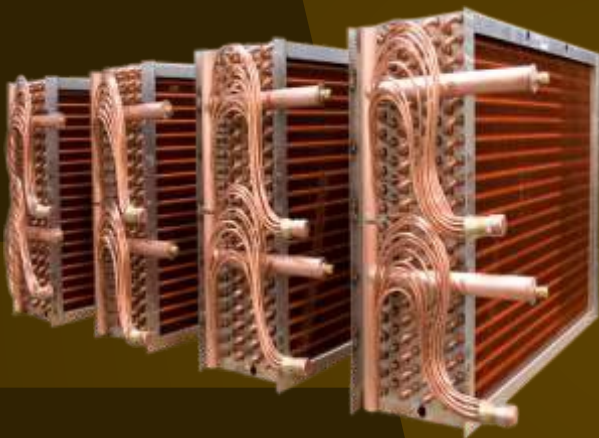




## COILS: HVAC / Industrial / Marine

VIKING one of the leading manufacturers for Liquid-to-air, or air-to-liquid HVAC coils is typically of modified cross flow arrangement. Air Handling Units (AHUs), Cold Storage, Heat Exchange Coils, Chiller Coils, Dry Air Coolers, Air Blast Radiators, Air Cooled Condensers, Forced Air Evaporators for Heating, Air Conditioning, Refrigeration, Heat Recovery and Process Cooling industries. We offer a wide range of standard products which will fit most applications and our flexible approach enables us to design equipment to suit your requirements.

Coils are constructed from Seamless Drawn Copper Tube to mechanically expanded into aluminium fins with die formed self spacing collars. Tubular copper headers are brazed into the tube ends. The coil casing is formed from heavy gauge galvanized sheet steel to make a rigid assembly. Tube end plates have die formed collared holes to allow expansion and contraction of the tubes without damage.



## Aluminium / Copper & Brass Coolers

An oil cooler is a heat exchanger installed in a hydraulic system to remove heat absorbed by the oil, preventing it from reaching temperatures at which it would lose its lubricating and energy transmission capacities. Aluminium, Copper & Brass Tube, plate and other types of cooler are employed as a function of the cooling fluid. The oil circulates through tubes with fins designed to increase the exchange surface area. The air blown over the fins absorbs the oil's heat and carries it off. However, most use the air from the radiator fan.

The company's expertise in manufacturing Aluminium coolers for all kinds of Heavy Earth Moving Equipments, Cement Mixers, Concrete Pumps like (Schwing, Sermac, Putzmeister), Compactors & Compressors like Atlas Copco, Kaesar, Compair to name a few.

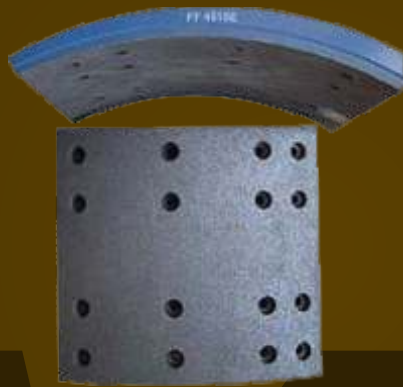


## BRAKE LININGS & CLUTCH FACINGS

VIKING is the sole distributor and supplier V-TEC Asbestos-Free Brake linings. Clutch Facings & Brake Linings are composed of a relatively soft but tough and heat-resistant material with a high coefficient of dynamic friction typically mounted to a solid metal backing using high-temperature adhesives or rivets. VIKING use high quality Asbestos-Free brake linings and Clutch Facings for all major medium and heavy commercial vehicles.

The Company also undertakes the machining of Brake Drums stone surface grinding of Pressure Plates & Fly Wheels.

- » Commercial Vehicles: Mitsubishi, Isuzu, Mazda, Hino, Hyundai, Toyota etc.
- » Heavy Vehicles: Actros, Iveco, Mercedes, MAN, Mack, Renault, Volvo, Scania, Steyer etc.
- » Trailers: BPW, Gorica, ROR, SAF, GNC, Sartal, York etc.
- » Buses: Agrale, Ashok Leyland, Daewoo, Hyundai, Kinglong, Mercedes, Neoplan, Scania, Volvo, Tata
- » Fork Lifts & Cranes: Caterpillar, Hyster, Hyundai, Komatsu, Kato, Liebherr, TCM, Tadano, Toyota etc.





## Shell & Tube Heat Exchangers (Oil / Water / Gas)

A shell and tube heat exchanger is the most common type of heat exchanger it is widely used in, District Cooling, Food Processing Industries, Air Conditioning, Power Plants, Chemical Plants, Petrochemical Plants, Petroleum Refineries, Natural Gas Processing, Sewage Treatment, Oil Refineries and other large Chemical Processes. These types of Heat Exchangers are suited for higher-pressure applications. This type of heat exchanger consists of a shell (a large pressure vessel) with a bundle of tubes inside it. One fluid runs through the tubes, and another fluid flows over the tubes (through the shell) to transfer heat between the two fluids. The set of tubes is called a tube bundle, and may be composed by several types of tubes: Copper, Brass, Alu/Brass, Cupro/Nickel, Plain, longitudinally finned, etc.

## Plate Heat Exchangers (PHEs)

Is composed of multiple, thin, slightly separated plates that have very large surface areas and fluid flow passages for heat transfer. This stacked-plate arrangement can be more effective, in a given space, than the shell and tube heat exchanger. Advances in gasket and brazing technology have made the plate-type heat exchanger increasingly practical. In HVAC applications, large heat exchangers of this type are called plate-and-frame; when used in open loops, these heat exchangers are normally of the gasket type to allow periodic disassembly, cleaning, and inspection. There are many types of permanently bonded plate heat exchangers, such as dip-brazed, vacuum-brazed, and welded plate varieties, and they are often specified for closed-loop applications such as refrigeration. Plate heat exchangers also differ in the types of plates that are used, and in the configurations of those plates. Some plates may be stamped with "chevron", dimpled, or other patterns, where others may have machined fins and/or grooves.





## ***Cool Members***

***Viking Emirates Radiators & Cooling Systems Ind. L.L.C.***

***Viking Emirates Radiators & Auto Spare Parts L.L.C.***

***Viking Emirates Brakes Maint. Services.***

***Viking Emirates Radiators Trading L.L.C.***

***To Viking Radiators Maintenance.***



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