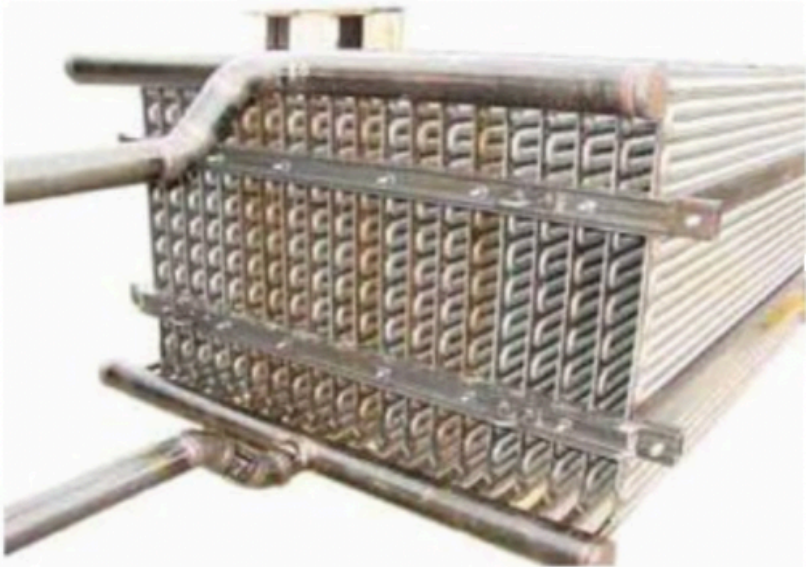
THERMAL IQ
2/8 GUNYA STREET
REGENTS PARKS NSW 2143

(02) 8710 8106

PRIME SURFACE PLATECOIL HEAT EXCHNAGERS

Australian Engineering Expertise, Backed by Global Capability

*Prime Surface Heat Exchangers **PLATECOIL®** and **ECONOCOIL®** are highly efficient and versatile plate-type heat exchangers engineered to provide reliable, uniform, and cost-effective heating and cooling across a broad range of industrial and HVAC applications. Their unique formed-plate design delivers exceptional heat transfer performance while allowing custom configurations to meet specific process requirements. Manufactured to the highest industry standards, these heat exchangers are ideally suited to demanding applications in the process, chemical, mining, water treatment, pulp and paper, food and beverage, and pharmaceutical industries, offering a durable and flexible solution where conventional heat exchanger technologies may be limited.*



The principles at Thermal IQ have been at the forefront of providing innovative HVAC solutions across Australia and Southeast Asia dating back to 1946, now with more than six decades of combined experience. Our family is one of the founders of the Australian HVAC manufacturing industry with our roots being in cooling for the rail industry.

While much of the HVAC and heat transfer industry has moved away from OEM manufacturing in Australia, Thermal IQ remains committed to local manufacturing and engineering excellence. By maintaining domestic manufacturing capabilities, we preserve critical industry expertise, provide reliable technical support, and respond quickly to our customers' unique requirements.

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Built on a strong foundation in heat exchangers and industrial chillers, Thermal IQ is expanding its product and service offering to include:

- **Heat Pumps**
- **Thermal Storage Tanks**
- **Heat Transfer Systems**
- **Engineered Process Cooling Solutions**

This expansion positions us to support the growing electrification of industrial and commercial water heating systems, delivering efficient and sustainable thermal solutions for the future.

Global Manufacturing Partnerships

Thermal IQ has partnered with Delta T Thermal Solutions, internationally recognized HVAC manufacturers with extensive global operations. These partnerships enable us to combine local engineering knowledge with world-class manufacturing capabilities. With access to a global supply network, Thermal IQ delivers high-performance, engineered HVAC and heat transfer solutions that meet the demands of modern industry.

Delta T Thermal Solutions

DELTA T is a leading manufacturer of complete HVAC packaged systems, known globally for its engineering expertise with over 100 years of combined heat exchange knowledge experience, Thermal IQ staff can answer your heat exchange questions. We are the EXCLUSIVE supplier of the PLATECOIL®, MAXCHANGER®, and ECONOCOIL® heat exchanger product lines.
Every product is supported by:

- **Precision engineering**
- **Rigorous quality assurance**
- **Robust supply chain management**
- **Proven manufacturing processes**
- **More than 100 years of combined industry experience**

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PLATE COIL HEAT EXCHNAGERS

PERFORMANCE FEATURES

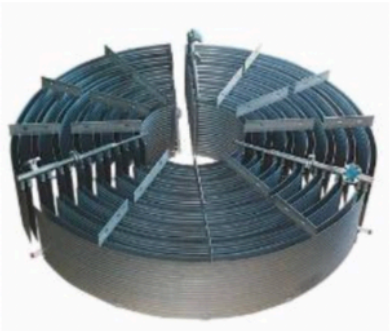
PLATECOIL® Heat Exchangers combine flexibility and functionality to deliver more efficient, economical and uniform heating and cooling to any application. Customers worldwide improve performance with panels bent, rolled, or otherwise formed into wide ranging configurations. These highly versatile heat exchangers adhere to the highest standards for design, manufacture, and testing in the industry.

Delta T Thermal Solutions PLATECOIL® is a very efficient and versatile light-duty plate-type heat exchanger. Its unique construction enables high heat transfer efficiency for heating and
cooling, which can be applied to a wide range of applications. Units are commonly used in the plating, metal finishing, chemical processing, pulp & paper, waste treatment, textiles, pharmaceutical, and food & beverage industries.

PLATECOIL® is fabricated from two sheets of metal using a fully computerized welding machine that uses electric roll spot resistance welding. The plate is then hydraulically inflated, forming a variety of flow patterns. Each ECONOCOIL® plate is designed and constructed to match the needs of each application and requirement.

With success stories spanning 70-plus years, PLATECOIL® versatility finds its way into new applications and industries each year.







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PLATE COIL APPLICATIONS

- **Immersion Heaters and Coolers**
- **Jacketed Tanks and Vessels**
- **Clamp-On Upgrades**
- **Heat Recovery Banks**
- **Fluidized Bed Banks**
- **Cryogenic Shrouds**
- **Cascade Coolers**
- **Freeze Dry Condenser Banks**
- **Shipboard Heaters and Coolers**
- **Storage Tank Heaters**
- **Shelves**
- **Glycol Dehydrators**
- **Paint Solvent Coolers**

We also can supply:

- ***CAD support – 3D and 2D***
- ***Heat exchanger software support***
- ***Heat transfer calculations***
- ***Skid with pump, control, storage tanks***

INDUSTRIES SERVED

- HVAC AND R
- POWER GENERATION
- MARINE
- PROCESS APPLICATIONS
- FOOD PREP
- RENEWABLE ENERGY
- DATA CENTRES

THERMAL IQ PRODUCTS/ SERVICES

- General engineering support and HX sizing
- Pump and transfer skids
- Buffer tanks
- CAD support
- High temperature CO2 heat pumps
- Hot water heat pumps
- Chillers
- Swimming pool heat pumps
- HX Service and repair

VISIT OUR WEBSITES
CHILLERS / HOT WATER HEAT PUMPS
www.thermaliq.com.au
MAMMOTH HIGH-CAPACITY CHILLERS AND HEAT PUMPS
www.mammoth-HVAC.com.au



MADE IN AUSTRALIA THERMAL IQ is a Thermex Solutions business

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