THERMAL IQ
2/8 GUNYA STREET
REGENTS PARKS NSW 2143

(02) 8710 8106

PLATE HEAT EXCHANGERS - GASKETED



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.

We are now expanding into heat pumps and heat transfer solutions to ensure we are able to offer our expertise for the coming electrification of heating water for all industry.

While the industry has pulled back from OEM manufacturing in Australia – we remain committed to local manufacturing to ensure the expertise is not lost and we are better able to respond to our customer needs with clear and reliable information.

Our wide range of gasketed plate heat exchangers set new market standards for efficiency, reliability and serviceability.

We continuously refine and enhance our gasketed plate heat exchanger portfolio to meet evolving thermodynamic and hydraulic requirements. Through ongoing innovation and advanced engineering, we ensure optimal performance, operational reliability, and maximum economic value for our customers.

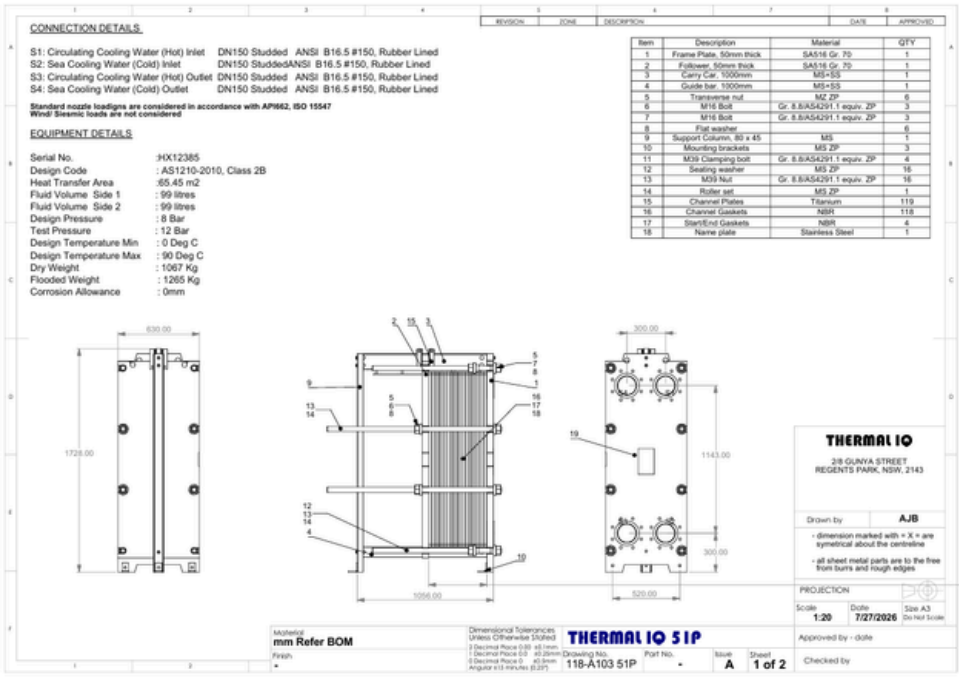


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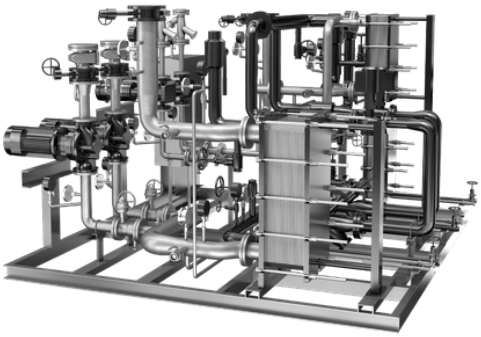
GENERAL INFORMATION

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Operating pressures available - bar	Full vacuum to 64 Bar
Operating temperatures available - °C	0-225
Available plate materials	Stainless 304, 316, 254 SMO, Titanium, Hastelloy, Incoloy, Nickel and more
Available plate type	Conventional chevron, wide gap, free flow, super narrow, semi welded, hygienic and more
Available gasket materials	NBR, EPDM, FKM (Viton) and more
Available connection sizes	DN32 (1 ¼") to DN500 – (20")



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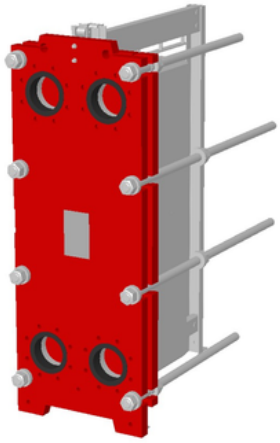
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We don't do average — we raise the bar. Our Complete Plate Heat Exchanger lineup spans versatile HVAC and Industrial units, rugged Semi-welded solutions for tough processes, Hygienic designs built for Food and Pharma, and specialised models for poor water quality and fibrous media. Every system is crafted to cut ownership costs while driving efficiency and safety to new levels. Powered by innovation, our gasketed plate heat exchangers deliver standout performance, reliability, low operating cost and impressive flexibility.

INDUSTRIES SERVED

- HVAC and R
- POWER GENERATION
- MARINE
- PROCESS APPLICATIONS
- FOOD PREP
- RENEWABLE ENERGY
- DATA CENTRE COOLING





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

MADE IN AUSTRALIA

THERMAL IQ is a Thermex Solutions business

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GASKETED PLATE HEAT EXCHANGERS

- *Our gasketed plate heat exchangers combine engineering expertise, scientific innovation, and a commitment to delivering exceptional thermal performance.*
- *Designed for high efficiency and reliability, they provide outstanding heat transfer while minimizing operating costs.*
- *Exceptional reliability achieved through sound engineering and ongoing product development help minimise costly and debilitating downtime.*
- *High thermal efficiency with reduced energy consumption*
- *Low operating and maintenance costs*
- *Versatile application possibilities across a wide range of industries*
- *Lower investment costs compared to alternative heat exchange solutions*
- *Maximum flexibility through modular and expandable designs*

CONTACT

THERMAL IQ
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