

Heatric Printed Circuit Heat Exchangers



Heatric Limited design and manufacture the market leading Printed Circuit Heat Exchanger (PCHE's)

First introduced in 1985, Heatric's compact Printed Circuit Heat Exchangers (PCHE's) are a proven technology for demanding heat exchange duties.

Their unique combination of compactness and versatility results in an unmatched capacity to undertake physically, chemically and thermodynamically demanding duties in limited space and in locations which may not be feasible for shell and tube type exchangers.

PCHE's support a high level of heat exchange complexity including capabilities such as multi-fluid/ multi-phase/ high-effectiveness exchange. A unique fabrication coupled

with a range of corrosion resistant construction materials extends PCH application beyond conventional plate and plate-fin exchangers throughout the hydrocarbon and chemical processing industries.

Major PCHE Advantages

- Four to six times smaller than conventional heat exchangers.
- Pressure capability in excess of 500 bar (7000psi)
- Extreme temperatures from cryogenic up to 800° C (1500F)
- High efficiency heat exchange
- Multi-fluid integration.

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Metrode supply a range of welding consumables to Heatric for the production of PCHE's including: -

Duplex stainless steel TIG and MIG wires.

Superduplex stainless steel TIG

Stainless steel TIG, MIG and Sub Arc Wires

Nickel Base TIG Wires

04/05

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