

Heat Transfer Solutions



HEAT TRANSFER PRODUCTS

MUELLER

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Paul Mueller Company has the perfect solution for all your Heat Transfer needs!

ACCU-THERM® PLATE HEAT EXCHANGERS

Mueller Accu-Therm is a compact heat exchanger consisting of embossed heat transfer plates with perimeter gaskets to contain pressure and control the flow of each medium. The gasketed plates are assembled in a pack, mounted on upper or lower guides, and compressed between two end frames with compression bolts.

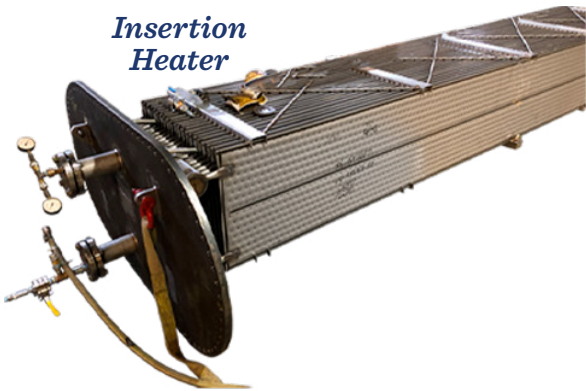
Fluids enter through end frame connections and are distributed to the plates through ports in each corner of the plate. The flow to individual passages between plates is controlled by alternate placement of port gaskets.

Each medium is individually gasketed in the plate heat exchanger, making it ideal for applications where product contamination cannot be tolerated. These compact units are easy to disassemble and clean, which means less down time and costs during maintenance.

Accu-Therm plate heat exchangers are available in an extensive range of sizes, alloys, and frame configurations to meet your exact needs. Applications include a wide range of industries broadly defined as chemical, industrial, HVAC, sanitary, and marine.

“Free-Flow” Plates

Mueller also offers the expandable, lightweight Accu-Therm “free-flow” plate heat exchanger that features an exclusive heat transfer plate designed with a completely open fluid flow channel. Accu-Therm “free-flow” plate heat exchangers are ideal for viscous products, slurries, and effluent streams that contain particles that can block flow channels and plug up conventional heat exchangers.



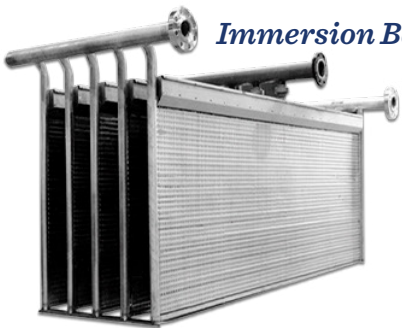
Insertion Heater



Immersion Bank



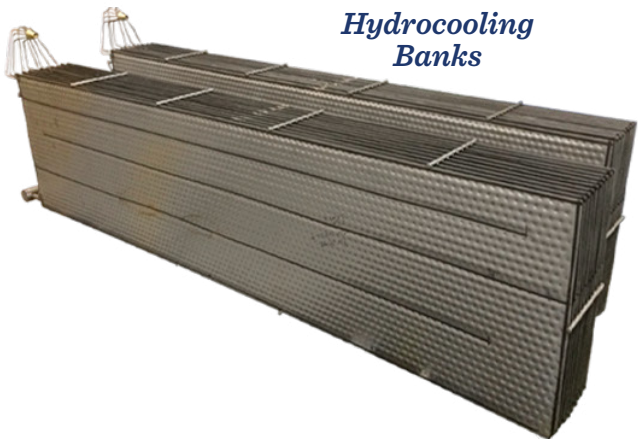
Insertion Heater



Immersion Bank



Dimple Jacket Assembly



Hydrocooling Banks



Plate Heat Exchangers



Energy Recovery Banks



Inflated Panels



Brazed Plate Heat Exchangers

TEMP-PLATE® HEAT TRANSFER SURFACE

Mueller Temp-Plate heat transfer surface can be made in an almost endless range of shapes, sizes, and materials. It is ideally suited for applications involving high pressures and temperature extremes. Surface finishes are available for sanitary or high purity applications.

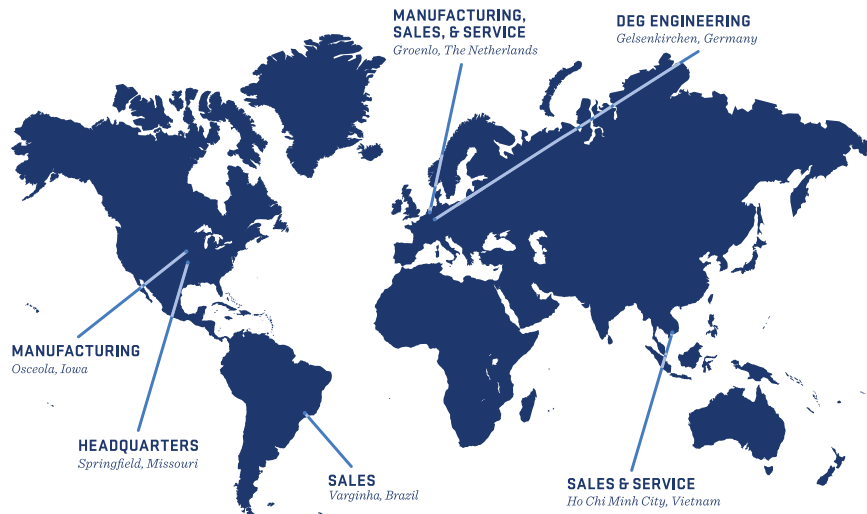
Applications Include:

- Clamp-on heat transfer panels
- Immersion panels for heating & cooling
- Energy and heat recovery banks
- Metal plating solution tank heaters
- Pipe warmers
- Cryogenic shrouds
- Frost and steam pans
- Fluidized bed dryers
- Freeze drying shelves
- Internal vessel baffles
- Insertion, bayonet, and suction heaters
- Jacketed cylinders and troughs
- Liquid to gas vaporizers
- Flue gas cooling and energy recovery
- Falling film water and brine chillers
- Condensers and reboilers
- Conveyor heating or cooling panel
- Platen heating or cooling
- Water source geothermal panel
- Tank heating and cooling
- Thermal heat shield
- Paper machine drip pan
- Offshore marine heaters and coolers
- HVAC duct heating or cooling
- Refrigeration evaporators
- Heating or cooling walls
- Fruit and vegetable wash water chiller

PAUL MUELLER COMPANY



PAUL MUELLER, OUR FOUNDER



At Paul Mueller Company, we are united by a belief that the only quality that matters is quality that works for life. With every piece of processing equipment we build, our goal is to have lasting impact. This collective vision has led us from a small sheet metal shop to a global supplier of heating, cooling, processing, and storage solutions. Our equipment allows farmers, brewers, and engineers to keep their products fresh and their inventory strong. Whether our equipment is heating or cooling liquids for important processes or helping build businesses that sustain communities, we are making an impact across the globe.

VISIT OUR HEAT TRANSFER WEBSITE!

HXRX.COM

- Find your local representative
- Size a heat exchanger for your process
- Order replacement parts
- Schedule service

contact@paulmueller.com

1-800-MUELLER | PAULMUELLER.COM

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