

# HEAT TRANSFER SOLUTIONS



**MUELLER**

HEAT TRANSFER PRODUCTS

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Mueller® 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 the Accu-Therm 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. In addition, 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

Paul Mueller Company 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.



## Temp-Plate® Heat Transfer Surface

Paul Mueller Company's 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.

The Temp-Plate design provides highly efficient heat transfer performance. Its spot welded and inflated channels induce fluid turbulence to attain high heat transfer rates.

### Applications Include:

- Clamp-on heat transfer panels
- Immersion panels for heating and 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 panels
- 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

## About Paul Mueller Company

Paul Mueller Company is committed to providing solutions for our customers by continuously improving our processes to produce valued products and services, when promised and as promised.

Paul Mueller Company is headquartered in Springfield, Missouri, U.S.A., and was established in 1940. With additional manufacturing and sales operations located in Osceola, Iowa, The Netherlands, and Vietnam, Mueller® employees build innovative processing equipment that is used on dairy farms and in a wide variety of applications in food, beverage, pharmaceutical, and chemical facilities worldwide. From a stainless steel wine barrel to a one million gallon tank fabricated in the field, Paul Mueller Company product solutions and components are making a difference all around the world.

**Visit our website at  
[www.hxrx.com!](http://www.hxrx.com)**

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



*All products, specifications, and features listed herein are representative of the final product and are intended as reference only. We reserve the right to make alterations without notice.*

# MUELLER

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