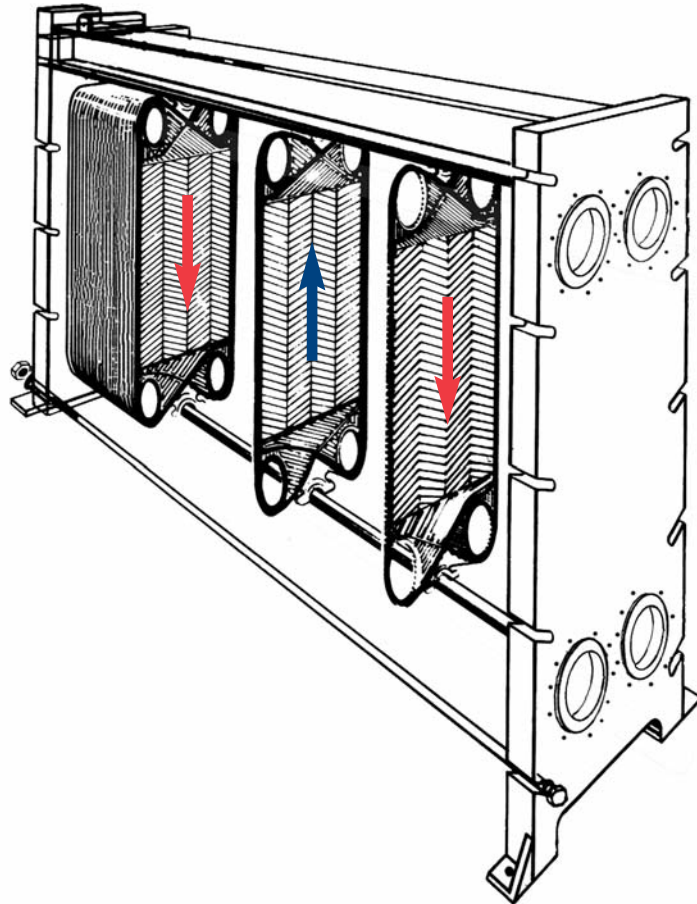


Accu-Therm®

Double-Wall Plate Heat Exchangers



Eliminate Product Mixing With The Double-Wall Accu-Therm

Mueller's double-wall Accu-Therm® plate heat exchanger is constructed with two identical plates nested together. Each of these double-wall pairs are fully welded at the port locations, creating a two-layer heat transfer wall. These pairs are then assembled into the heat exchanger as a normal single plate would be installed.

In the unlikely event that your product might penetrate through one of the plates, the fluid exits between the two plates at the edge of the unit. This allows for immediate

visual monitoring of the unit as well as providing maximum protection available from mixing of the products.

Applications include acid heating/cooling, potable water heat exchangers, lubricating oil coolers, transformer oil coolers, quench oil cooling, and any process that demands the highest security from mixing of the two fluids.

Mueller Double-Wall Accu-Therm Design and Construction

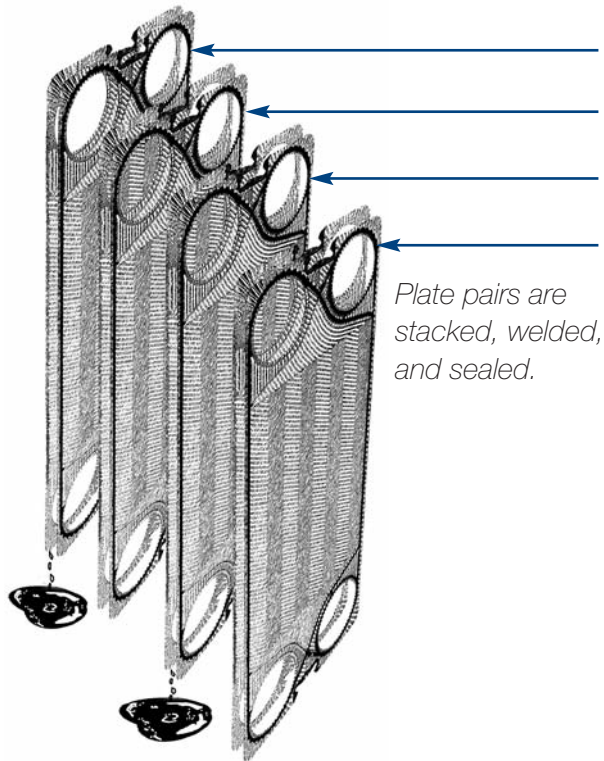


Plate pairs are stacked, welded, and sealed.

The feature that makes the Accu-Therm heat exchanger so useful — external leak protection — can provide double protection with its double-wall construction. Any hole in the plate surface allows the product to leak to the edge of the plate pair for immediate visual detection.

As with every standard Accu-Therm design, any gasket failure also permits the leaking fluid to be safely diverted to the edge of the plate pair. Again, this allows for immediate detection and security that the fluids are not mixing.

The double-wall Accu-Therm has all of the features of the standard design, with only a small impact on thermal efficiency, by adding the second wall of the plate pair.

Features Include:

- Reduced fouling
- Close-approach temperatures
- Low pressure drop designs
- Compact size
- Reduced weight
- Low hold-up volume within the heat exchanger
- Reduced cost
- Multiple fluid capabilities

We also offer these great products:

- **Accu-Therm Plate Heat Exchangers:** We offer the standard design unit in sizes from 0.5 to 25 square feet per plate, with connections from 1" to 16" diameter.
- **Temp-Plate® Heat Transfer Surface:** The primary heat transfer surface that handles any of your clamp-on or immersion heating and cooling needs. It is flexible enough to cover odd shapes and still fit around cutouts or projections, providing the maximum coverage.



MUELLER®

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