

Heat Exchangers



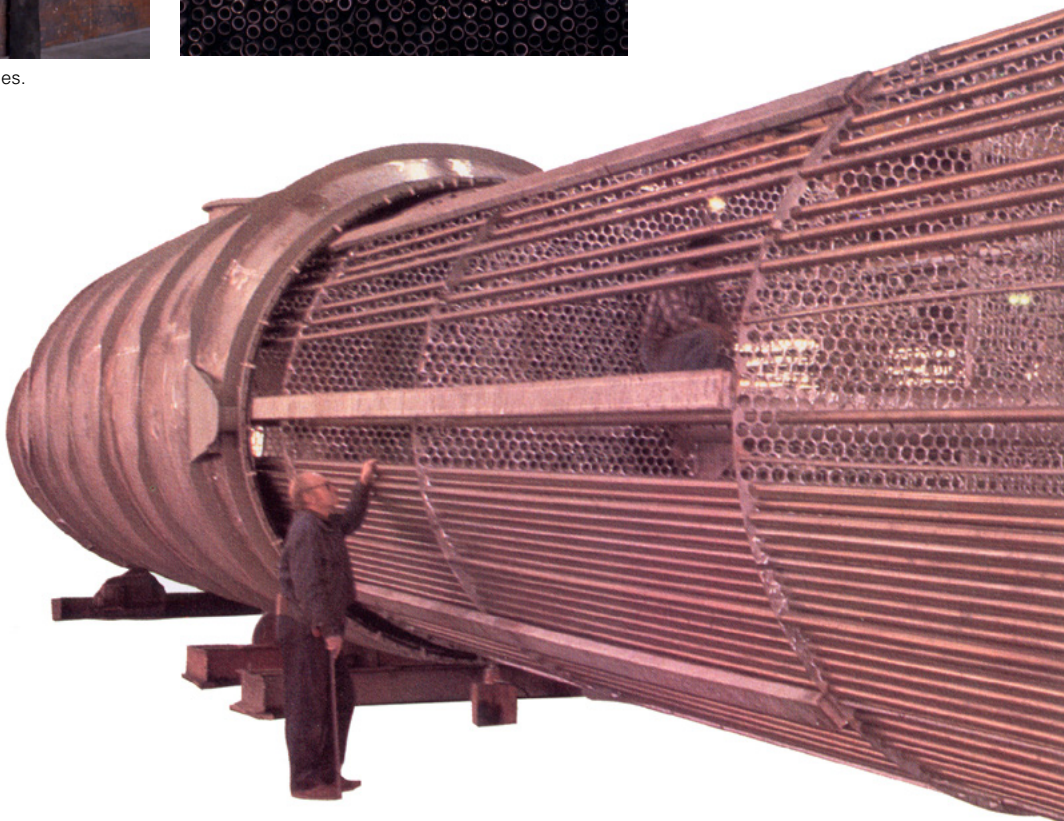
Segmental baffles used with two shellside passes.



Heat exchanger partially loaded with tubes.



Heat exchanger repair.



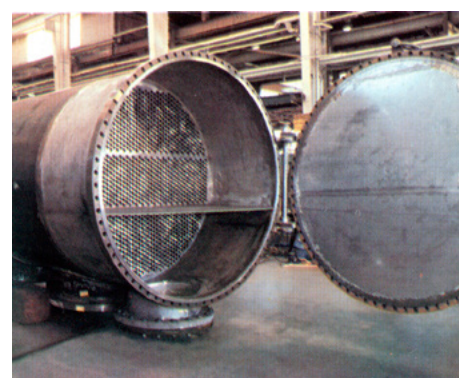
12 ft. diameter titanium tube bundle and baffle assembly before insertion in a stainless steel shell.



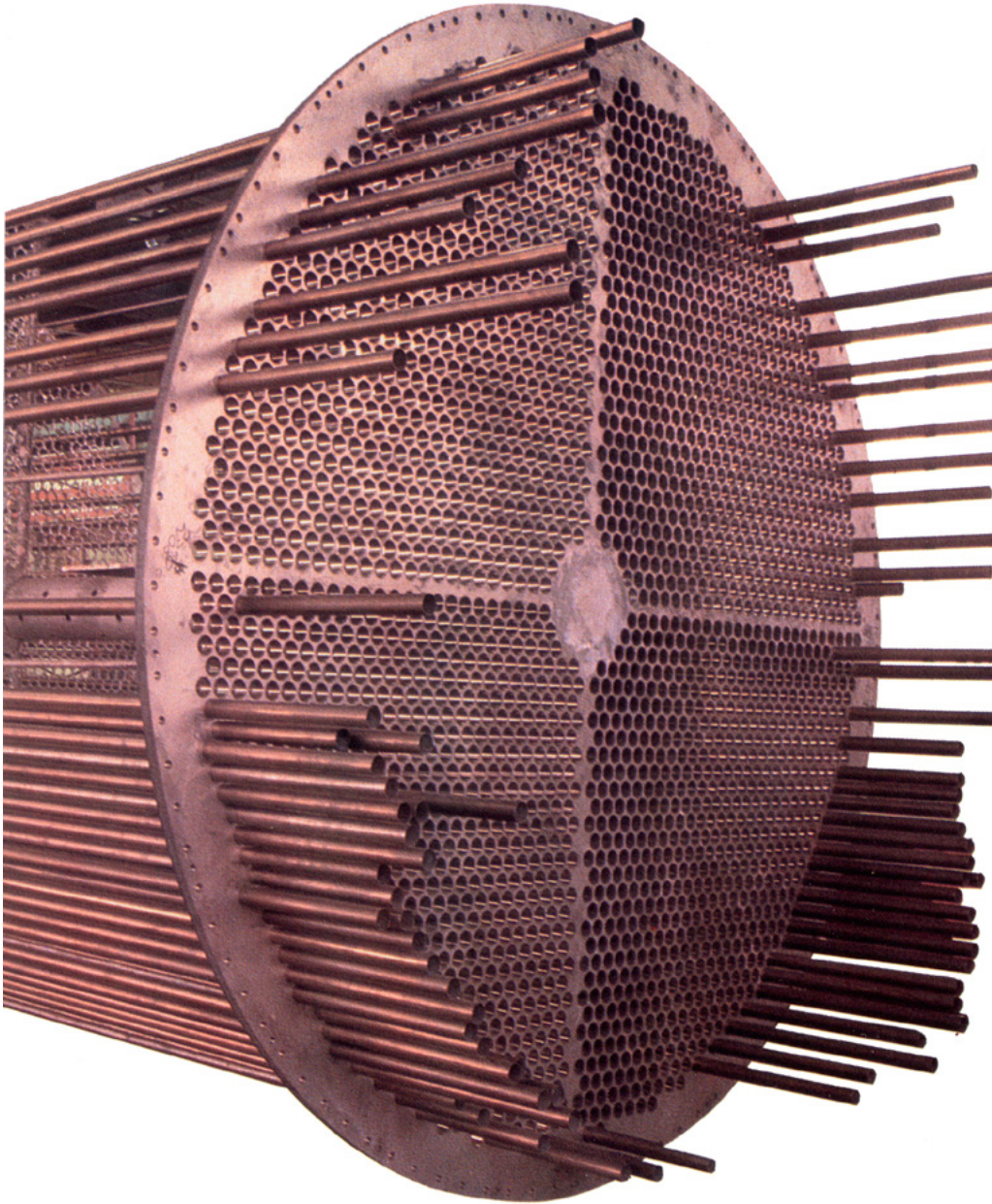
Nickel 200 8-pass, 4-shell heat exchanger.



2-pass, 2-shell heat exchanger.



Hinged channel cover of a multipass heat exchanger which can be manually opened.



Alaskan Copper Works for over 50 years has been a designer and fabricator of shell-and-tube type heat exchangers. Using customer-supplied process conditions and specifications, we configure heat exchangers to provide a balance between the most cost-efficient performance and initial cost of construction.

While Alaskan Copper Works specializes in designing and fabricating corrosion resistant heat exchangers, nearly all complete units include some carbon steel for external stiffening, supports or other miscellaneous requirements.

Repair service for heat exchangers is also available within our fabrication facilities. Our hydraulic tube-pulling equipment and extensive stock of alloy materials allow prompt refurbishing and return to service of heat exchangers in need of repair. Renewal of shells, retubing and nozzle repair can be a preferable alternative to the purchase of a new unit.



Stainless steel and titanium heat exchanger.



Heating element of a vapor recompression evaporator being carefully prepared for special shipment.