

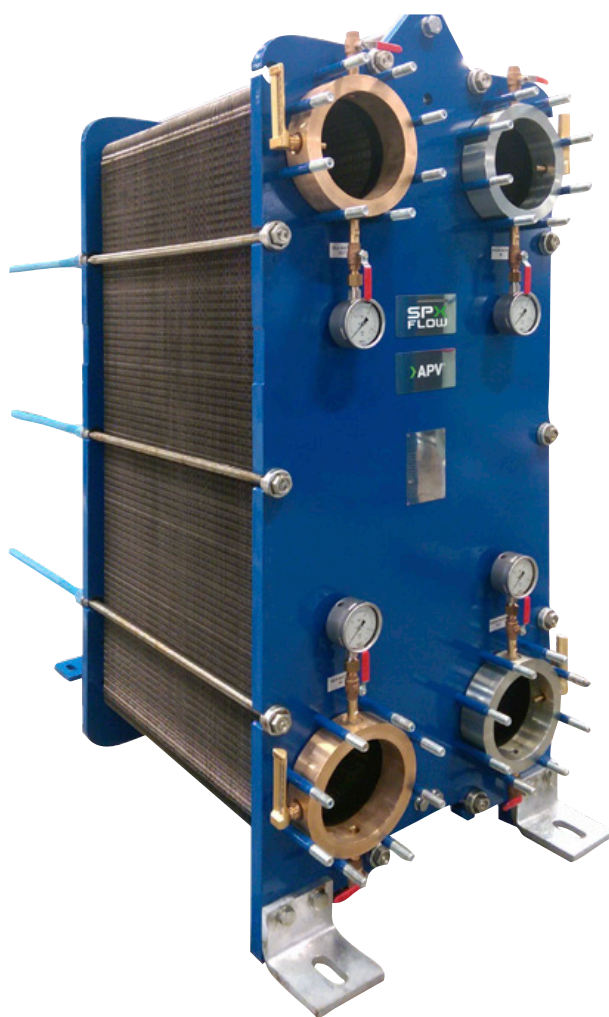
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SPXFLOW

APV HEAT EXCHANGERS

High Performance Heat Transfer

- IN THE MARINE INDUSTRY



>APV[®]



Based in Charlotte, North Carolina, SPX FLOW (NYSE: FLOW) is a multi-industry manufacturing company with operations in more than 35 markets worldwide. SPX FLOW's innovative, world-class products and highly-engineered solutions are helping to meet the needs of a constantly developing world and growing global population. You'll find our innovative solutions in everything from dairy plants and power plants to oil and gas pipelines, and the power grid. SPX FLOW is really everywhere you look.

We help our customers around the globe expand and enhance their food and beverage, power and energy and industrial production processes. For more information, please visit www.spxflow.com

Knowledge is Key

APPLICATIONS

Over decades the Plate type cooler has proven to be the preferred equipment for:

- Main and auxiliary engine coolers
- Scrubber coolers
- Tank heaters
- Pre-heaters
- Fuel oil coolers (MDO/MGO)
- Heat recovery coolers

Designed for maximum thermal efficiency, reliable operation and minimum space requirements our plate heat exchanger solutions will help you optimize energy consumption, minimize service downtime, and reduce your capital cost investment.





Competence is our Trademark

TECHNOLOGY

The level of technology used in APV Heat Exchanges is one of the most advanced on the market.

APV plate coolers are equipped with optimal cooling capacity features like customized distribution area, multiple plate gaps, and plate patterns.

APV plate coolers have through our intelligent patented solutions the most service friendly design. The patented Corner Locks on plates, and the Patented Easy Clip gaskets reduce time spent on service and maintenance.



Did you know that APV is the original inventor of Plate Heat Exchanger Technology?

High Performance Cooling

APV gasketed plate heat exchanger solutions offer cooling for engine capacities varying from 200 kW to more than 100.000 kW. Specialized plate designs deliver maximum thermal efficiency with a minimum cleaning and maintenance requirement.

YOU GET ALL THE BENEFITS

- Improved performance
- Longer life time of plates and gaskets
- Service easily done by crew on site saving both time and money

APV Gasketed Plate Heat Exchangers

A wide range of gasketed plate heat exchangers suited for general heating and cooling duties. The optimized plate design is cost effective and offers maximum heat recovery effect.

- Optimized plate designs for maximum heat recovery rates
- Compact designs for space and weight savings
- Easy maintenance reducing service downtime and spare parts costs



In-Line Filters

APV gasketed plate heat exchangers can be equipped with an in-line filter, preventing the unit from being blocked by debris in the seawater. The strainer is placed inside the plate pack in the seawater inlet port and can easily be removed for cleaning through a flanged connection on the follower.

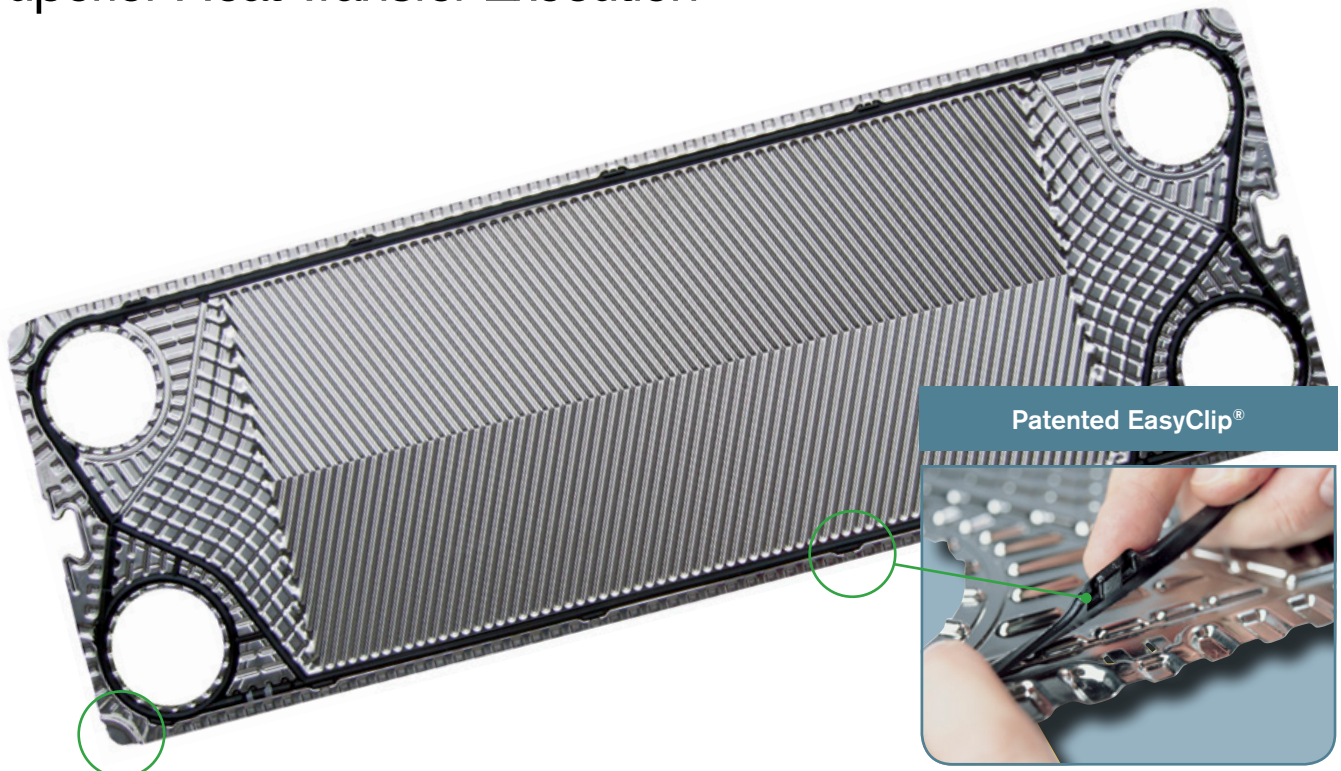
Port sizes: Available from Ø80 mm and up

Filter material: AISI 316L/ Titanium

Mesh: 2.5 mm

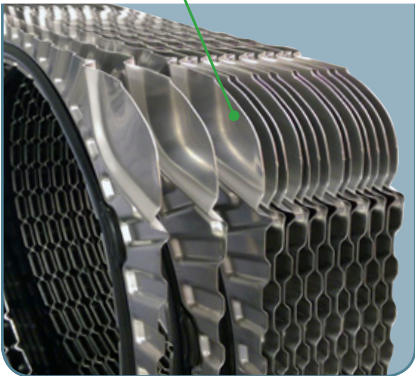


Superior Heat Transfer Execution



Patented EasyClip®

Patented CornerLock®



- Providing perfect plate alignment and plate pack stability
- Thinner and more efficient plates without compromising mechanical strength



MDO/MGO cooling with DuoSafety

- It is possible to combine different plate materials in one plate pair
- Early warning system to prevent cross contamination
- The APV DuoSafety plate pair can be dismantled for cleaning and inspection (No weldings)

