NEWS RELEASE

Sanitary Heat Exchangers Designed to Increase Process Efficiency

CHICAGO, USA, September 15-18, 2015 – Through its APV brand, SPX has long been a leading supplier of sanitary heat exchangers for the food and beverage industry. It offers a wide range of solutions that meet the expansive needs of the industry and that can reduce maintenance, improve food safety and increase process efficiency.

The APV R5 Quad-Drive Series 2 incorporates some of the latest heat exchange technology available today. This includes models with intelligent, hydraulic PLC driven frames that enable rapid maintenance with improved safety and minimize the risk of damage to plates caused by manual operations. Repeatable, maintenance of the unit reduces risks of cracks, improves safety and offers substantial operational savings through reduced downtime and increased productivity.

The Quad-Drive heat exchanger system is available with the latest NR5 plates. Using numerous material selections, this plate design offers a range of thickness profiles with excellent strength properties. Compared with the R5 design, the NR5 plate enables up to 22% more surface area in the unit to give increased product throughput or greater energy recovery. Using the unique Easyflow plate design with excellent heat transfer efficiency means machines can operate with lower media temperatures thus reducing fouling and run for longer periods.

The NR5 technology offers excellent performance in many food and beverage applications. Its design characteristics enable the use of a wide range of material compositions, ideal for the treatment of acidic or high salt foods that can quickly compromise stainless steel plates.

The NR5 plate has many modern features that help ensure easy, reliable operation. A plate interlock system, Corner Lock®, ensures a stable and well aligned plate pack every time the unit is closed. The use of APV's EasyClip gasket design further makes sure the gaskets are held securely in the plate groove while making it quick and easy to take off and replace. Diagonal flow plates help optimize flow distribution and turbulence for the required process conditions and further help maximize thermal efficiency.

Also within the APV range are Vega heat exchangers that offer two smaller plate sizes and are especially effective for use with products that have a particular tendency to foul the surface or are viscous. For processes requiring larger throughputs, SPX's 6" ported APV Leo plate heat exchangers can provide flow rates in excess of 800 gallons per minute. As well as meeting production needs for increased product demand, this unit is also ideal for utility applications such as processing a clean water source for use throughout a plant.

For processing particularly corrosive products such as sports drinks, the double-walled APV DuoSafety heat exchanger uses weld-free plate pairs for added safety against contamination of fluids. The design of this unit is such that complete visual inspection is possible and, should one of the plate pair be compromised, fluid passes through the gap between the plates and the operator can clearly see that corrective action is required.

The extensive range of SPX's APV sanitary heat exchangers are designed to 3A standards and can significantly improve process performances. SPX experts can help and advise on a heat transfer solution that can improve energy recovery, extend production runs, increase throughput, enhance food safety and ensure maintenance requirements are streamlined.

As with all SPX solutions, APV heat exchangers are supported by comprehensive, global aftermarket services that help ensure solutions remain optimized

throughout their lifetime. These include plate cleaning, testing, re-gasketing and a new, non-intrusive leak detection service known as “Gappscan".

Through its APV brand, SPX has a long history in heat transfer technology. It offers in-depth understanding of food processes and has a continuous program of research and development that is supported by leading food technologists and scientists; ensuring its solutions deliver the best for a process and for a business.

About SPX:

Based in Charlotte, North Carolina, SPX Corporation (NYSE: SPW) is a global, multi-industry manufacturing leader with approximately $4.5 billion in annual revenue, operations in more than 35 countries and over 14,000 employees. The company's highly-specialized, engineered products and technologies are concentrated in Flow Technology and energy infrastructure. Many of SPX's innovative solutions are playing a role in helping to meet rising global demand for electricity and processed foods and beverages, particularly in emerging markets. The company's products include food processing systems for the food and beverage industry, critical Flow components for oil and gas processing, power transformers for utility companies, and cooling systems for power plants. For more information, please visit www.spx.com.

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