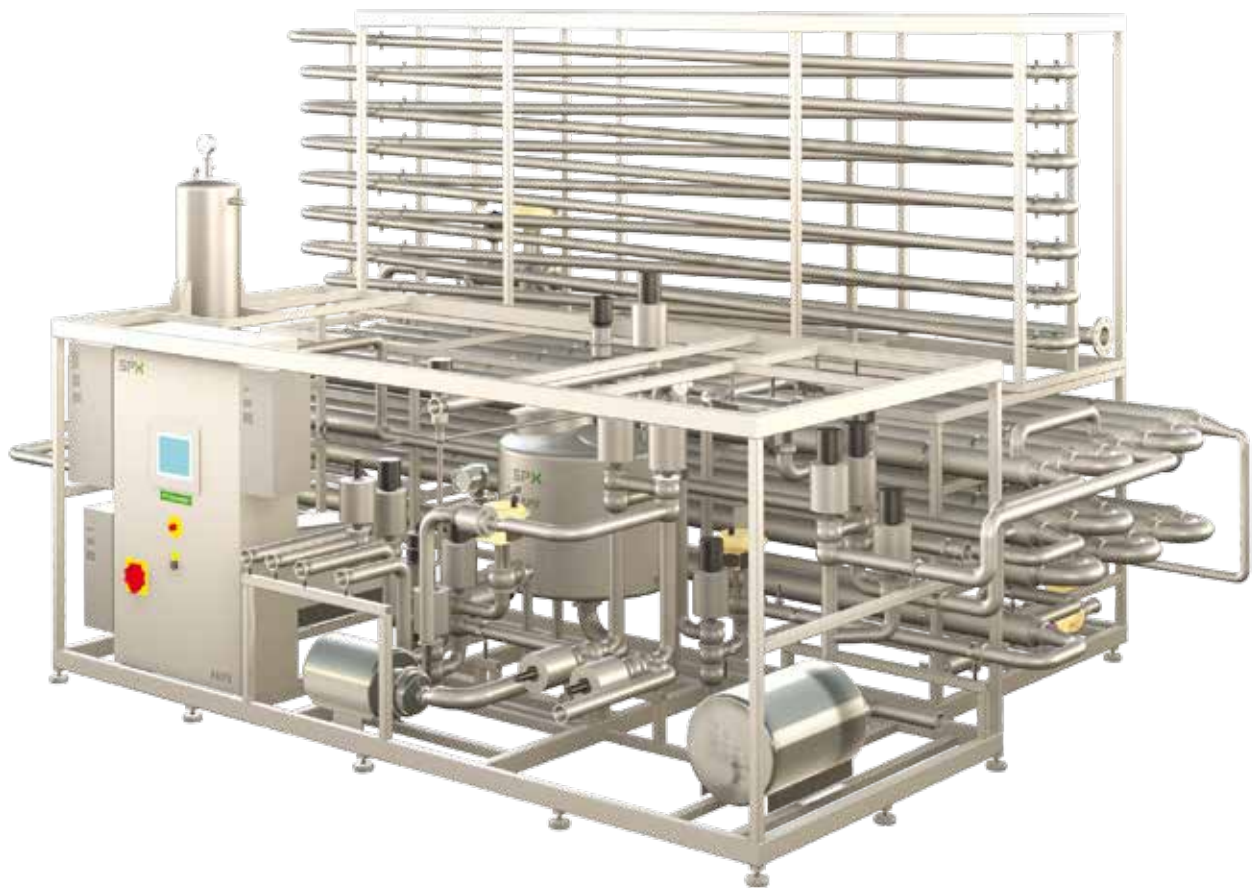


## APV FX Tubular Juice Pasteurizer



Engineering excellence, allied to stringent quality control, ensures that SPX FLOW's unrivalled range of APV products complies with the highest international standards for hygiene. In the light of growing pressure worldwide to deliver safe, high quality food, all SPX FLOW products are designed for easy cleanability, while minimizing the use of valuable resources, such as energy. The APV product portfolio includes a wide range of pumps, valves, heat exchangers, mixers and homogenizers designed for use in the food, dairy and brewing industries, as well as in chemical, healthcare, pharmaceutical processing and heavy industries.

SPX FLOW, Inc. (NYSE:FLOW) is a leading manufacturer of innovative flow technologies, many of which help define the industry standard in the market segments they serve. From its headquarters in Charlotte, North Carolina, it operates a sales and support network, centers of manufacturing excellence, and advanced engineering facilities, throughout the world. Its cutting-edge flow components and process equipment portfolio includes a wide range of pumps, valves, heat exchangers, mixers, homogenizers, separators, filters, UHT, and drying technology that meet many application needs. Its expert engineering capability also makes it a premium supplier of customized solutions and complete, turn-key packages to meet the most exacting of installation demands.

Incorporating many leading brands, SPX FLOW has a long history of serving the food and beverage, power and energy, and industrial market sectors. Its designs and engineered solutions help customers drive efficiency and productivity, increase quality and reliability, and meet the latest regulatory demands. In-depth understanding of applications and processes, state-of-the-art Innovation Centers, and advanced pilot/testing technology further assist in optimizing processes and reducing timescales to reliably meet production targets.

To learn more about SPX FLOW capabilities, its latest technology innovations and complete service offerings, please visit [www.spxflow.com](http://www.spxflow.com).

## Increase output quickly with minimum investment

### **FAST DELIVERY, HIGH QUALITY**

The Tubular Juice Pasteurizer can be used for juices, soft drinks, tea and coffee drinks, and water.

### **PRODUCT BENEFITS AND FEATURES**

The Tubular Juice Pasteurizer is a flexible solution that can be delivered, installed and commissioned within a very short time, offering a unique combination of advantages:

- Modular system for complete flexibility
- Pre-assembled and factory-tested with water before delivery for easy and fast installation based on standardized design
- Simply connect and run
- Automatic control
- Rapid production increase
- Simple, low-cost maintenance
- Integration with existing control system
- Skid-mounted and small footprint for flexibility in limited space
- Capacities ranging from 792 to 9,246 g/h (3,000 to 35,000)
- Lower investment costs
- Short pay-back time and high ROI over a long service life
- Global availability with SPX FLOW global service and support

### **OPTIMUM OUTPUT**

- Wide choice of capacity to suit all needs

### **REDUCED INVESTMENT**

- Enables realization of full production capacity to optimize efficiency and ROI with minimum investment

### **LOW RUNNING COSTS**

- High energy recovery

### **FLEXIBILITY**

- Can run low-viscosity products as well as fibers and particles

### **HIGH QUALITY AND SAFETY**

- Automatic control of pasteurization temperature
- Automatic flow diversion
- Continuous recording for full traceability

## EFFECTIVE CLEAN-IN-PLACE (CIP)

- Fully CIP prepared

## SHORT TIME TO PRODUCTION

- Each module contains a full set of installation instructions for fast assembly and connection

## PROVEN RELIABILITY

- Full testing of each unit by SPX FLOW specialists prior to shipping
- Rapid installation and commissioning
- Proven functionality and performance

## STANDARDIZED TURNKEY PACKAGE

- Skid-mounted pasteurization system with small footprint
- Fast delivery
- Commissioning
- All in the box – all in the price

## OPTIONS

- Vacuum deaeration plant connection
- Cooling to 41°F (5°C) by chilled water at 34°F (1°C)
- CIP with automatic dosing from containers or bulk ring main
- PLC controller
- Paper chart recorder
- Ethernet interface module

## SERVICE AND SUPPORT

- Customized service and maintenance agreements
- Global delivery of genuine SPX FLOW spare parts
- Application consulting
- Application testing at the SPX FLOW Innovation Center
- Customer specific equipment/instrumentation

## SPECIALISTS IN PASTEURIZATION

The SPX FLOW Innovation Center based in Silkeborg, Denmark, offers pilot plant and application development expertise for customers wishing to test new processes and optimize existing process parameters with the assurance of production scalability. Plant is also available for rent, enabling customers to conduct trials on their own premises.

The SPX FLOW portfolio of non-aseptic heat treatment systems is adapted to specific national legislations and regulations.

## Typical product applications

### Juice



### Tea and Coffee Drinks



### Soft Drinks



### Water



### APV FX Systems

APV Factory Express (FX) Systems are high-quality, skid-mounted, Plug & Produce application solutions marketed by SPX FLOW under its APV brand. They are designed for dairy, beverage and food manufacturers all over the world who require reduced lead time for delivery of high-quality, low-risk solutions for plant upgrades or extensions. Based on standardized modules designed, built and backed by SPX FLOW, APV FX Systems leverage proven APV/SPX FLOW engineering and automation, and comply with global industry standards.



## Global locations

### AMERICAS

#### SPX FLOW

611 Sugar Creek Road  
Delavan, WI 53115  
USA  
+1 262 728 1900

### APAC

#### SPX FLOW

7F, No. 1568, Huashan Road,  
Shanghai, 200052  
China  
+86 21 2208 5888

### EMEA

#### SPX FLOW

Platinvej 8  
6000 Kolding  
Denmark  
P: +45 70 278 278

Based in Charlotte, North Carolina, SPX FLOW, Inc. (NYSE: FLOW) is a multi-industry manufacturing leader. For more information, please visit [www.spxflow.com](http://www.spxflow.com)

### SPX FLOW

611 Sugar Creek Road  
Delavan, WI 53115  
P: (262) 728-1900 or (800) 252-5200  
E: [answers.us@spxflow.com](mailto:answers.us@spxflow.com)

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