

## APV FX Milk Pasteurizer Unit



SPX FLOW is highly committed to delivering sustainable solutions, which exceed customer expectations in value and return through a focus on.

- Waste prevention and loss reduction
- Reuse of resources
- Improved value of raw materials
- Water and energy reduction
- Product safety and security
- Social responsibility

It's hard to find a more comprehensive portfolio of processing equipment like SPX FLOW can offer. Many of our designs incorporate patented features and our research and development efforts continue to produce ground breaking technologies. When you specify our equipment you get more than a product – you get a partner.

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 APV brand FX Milk Pasteurizer can be used for pasteurization of fresh milk.

### **PRODUCT BENEFITS AND FEATURES**

The APV brand FX Milk 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
- Less product loss
- Integration with existing control system
- Skid-mounted for flexible relocation
- Capacities ranging from 1,004 to 9,246 gal/h (3,800 to 35,000 L/h)
- 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

### **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

- Testing with water 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
- Fast delivery
- Commissioning
- All in the box – all in the price

## WIDE RANGE OF OPTIONS

- Homogenizer
- Tubular heat exchangers
- Deaerator
- Separator
- PLC controller
- Divert cooling

## 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

## UNIQUE UHT EXPERTISE

SPX FLOW is a world leader in UHT processing with a comprehensive portfolio of tried and tested UHT plant solutions comprising plate, tubular, injection and infusion UHT plant technologies.

The SPX FLOW Innovation Center based in Silkeborg, Denmark, operates a UHT pilot plant capable of running all the main UHT systems. This pilot plant is available 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.

## Typical product applications

### Dairy

Fresh Milk



### 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.

APV FX  
Milk Pasteurizer  
Unit

APV FX SYSTEMS™



## Global locations

### AMERICAS

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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)

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