

APV FX Aseptic Tank



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.

Get the most out of your UHT plant

IMPROVE EFFICIENCY, QUALITY AND OUTPUT

Are you looking for lower downtime, higher throughput, higher product quality, lower costs and more flexible production?

In operations where a UHT plant directly feeds a filling line, cleaning requirements or filling line repairs can result in recirculation or unscheduled stoppages causing loss of valuable production, extra energy costs and suboptimal utilization of valuable filling plant and equipment.

The APV brand FX Aseptic Tank offers buffering capacity for all UHT-treated liquid aseptic products between the UHT line and filling machines, thus ensuring smooth and efficient continuous production with no loss of product quality or nutritional value.

PRODUCT BENEFITS AND FEATURES

The APV brand FX Aseptic Tank is a flexible solution that can be delivered, installed and commissioned within a very short time, offering a unique combination of advantages:

- Engineered solutions transformed into high-performing modules
- Small footprint for installation in spaces too small for other equipment
- Pre-assembled and factory-tested for easy and fast installation based on standardized design
- Integration with UHT control system or filling machines
- Product changeover without interruption
- Filling line service and repair without stopping UHT plant
- Skid-mounted for flexible relocation
- Capacities ranging from 2,642 g/h to 10,567 g/h (10,000 to 40,000 L/h)
- Incoming flow rates from 792 g/h to 5,283 g/h (3,000 to 20,000 L/h)
- Short pay-back time and high ROI over a long service life
- Global availability with SPX FLOW global service and support

HIGHER QUALITY

- Less deterioration in flavor
- Less deterioration in nutritional value

INDEPENDENT CLEAN-IN-PLACE (CIP)

- CIP of UHT plant without interrupting flow to filling machines

INTEGRATED CONTROL

- Integrated CIP system
- PLC system
- Controlled from the UHT plant

REDUCED INVESTMENT

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

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 system
- Tank body, steam-shielded aseptic valve clusters, CIP system and PLC system
- Fast delivery
- Commissioning
- All in the box – all in the price

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 of 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



Beverage



Juice



Tea and Coffee Drinks



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 SPX FLOW engineering and automation, and comply with global industry standards.

APV FX Aseptic Tank

APV FX SYSTEMS™



Global locations

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SPX FLOW, Inc. reserves the right to incorporate our latest design and material changes without notice or obligation.

Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Please contact your local sales representative for product availability in your region. For more information visit www.spxflow.com.

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