



STERILE VALVE CLUSTERS: THE RWS ONE SVC

Equipment, Systems & Control for Safe & Sterile Transfer of Product & Other Mediums Between Storage & Packaging

At RWS ONE, our mission is to be recognized as your trusted source for reliable sanitary processing, with our specialty being aseptic and ESL technology. Our years of experience in this discipline have resulted in superior designs for all of your sterile storage and transfer of UHT treated product. We understand the magnitude of PMO, 3A and all regulatory guidelines and design our systems accordingly. We are experts in providing the right solutions for your sterile processing. RWS ONE sterile valve manifolds are available as stand-alone units in many configurations, or as an add-on to enhance an existing system. The RWS ONE sterile valve clusters also complement our large selection of sterile surge tanks and processing systems. The RWS ONE sterile valve cluster is a key component in a superior aseptic process design. With numerous configurations available, let RWS ONE demonstrate our expertise in managing the transfer of all fluids involved in your process.

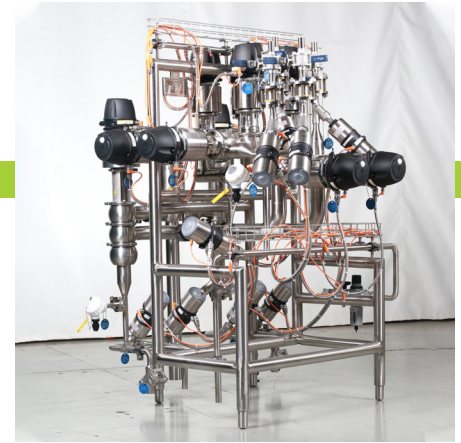


The RWS ONE Sterile Valve Cluster

RWS ONE designs, engineers, furnishes, installs, integrates, and automates Sterile Valve Clusters (SVC) that:

- Offer numerous configurations specific for your application.
- Include the right selection of valves for maintaining the exact conditions you require. RWS designs and manufactures our sterile valve cluster using industry leading technology from select vendors, designed precisely to your requirements.
- Depending on process complexity and required level of safety, RWS clusters offer single, or multi-level sterile steam barriers.
- All RWS ONE designs maintain adherence to strict PMO and other regulatory guidelines and are designed to maximize efficiency and minimize downtime.
- Multi-zone designs for routing flexibility between multiple surge tanks and fillers, or between single or multiple UHT processors and surge tanks.
- Offer double block and bleed protection.
- Include complete isolation between CIP, sterilization and production.
- Lifting of product valve seats during CIP.
- Numerous smart-top valve positioning and feedback options available for every cluster.





Principles of Operation

The RWS ONE sterile valve cluster is used in several applications and locations throughout a typical dairy, beverage, or similar aseptic process. Utilizing state-of-the-art technologies and industry leading principles of design, the RWS ONE sterile valve cluster separates sterile storage from sterile filling, while monitoring critical control points constantly. This provides ultimate flexibility to meet production needs while maintaining superior product integrity. The RWS ONE SVC also allows for complete CIP cycles during normal production.

Automation & Control

As experts in automation, process instrumentation and control, all RWS valve clusters are fabricated with a variety of leading control and feedback architecture. Our systems are available as retrofit design for existing applications or designed specific for your new product line. Standard RWS ONE designs utilize industry leading OEM technology such as Ignition™, Factory Talk™ and Wonderware™, or we are pleased to fabricate with any of your preferred automation platforms.

Typical Installations & Benefit of Factory-Built Skidded Designs

Our valve manifold skids are installed in hundreds of installations throughout the USA. They are found throughout dairy, beverage and many other sanitary processing industries. Our satisfied customers have benefited from the RWS ONE designed valve cluster in many ways, including reduction in downtime, cleaning, increased sterility, longer run time and a more sterile environment.

We provide expert consulting and resources to ease the burden on your staff for maintenance, operation and repair of plant assets.

- Valve, Pump, Homogenizer, Heat Exchanger, Separator, and Other Equipment Service and Repair
- Spare Parts for Hundreds of Industry-Leading Equipment Brands
- On-Demand or Scheduled Maintenance and Repair Service from Highly-Qualified RWS Technicians
- Exclusive Training Programs for Your Maintenance and Automation Teams
- Automation and Controls Support and Repair

Equipment Components & Spare RWS Design & Controls aligns with our leading OEM Vendor-Partners to and spare parts sourcing from your trusted and experienced experts in sanitary Components & Spare Parts leading OEM Vendor-Partners to provide equipment trusted and experienced experts in sanitary processing.

Equipment Components & Spare Parts