

## Consolidated Sterilizer Systems Vertical Sliding Door Autoclave / Sterilizer

The Consolidated EZ-Glide™ Sliding Door Series offers high performance steam sterilization capacity in a minimal footprint. The sleek vertical door design includes ergonomic, safety, and engineering features that simplify operation, improve serviceability, and document sterilization function for record keeping.

Rating: Not Rated Yet  
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Manufacturer[Consolidated Sterilizer Systems](#)

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### Description / Models

#### CSS EZ-Glide™ Series Vertical Sliding Door Autoclave / Sterilizer

Consolidated EZ-Glide™ Series Sterilizers are designed to sterilize at temperatures between 212° F and 275° F (100° C and 135° C) through the use of steam. Choose a stainless steel vessel construction in a variety of sizes and programmable control options for pre-vacuum or gravity operation. Consolidated sterilizers offers a range of performance options to meet the most demanding applications in clinical, animal and life science, biotechnology, pharmaceutical, and commercial/industrial applications.

Cloud-enabled internet connectivity allows real time monitoring, cycle alerts, reminders, and cloud-based data storage.

- Made In the USA
- Lowest Total Cost of Ownership

Model	Chamber Dimensions (W x H x F-B)	Volume (Cubic Feet / Liters)
 + 26AV	23" x 23" x 39" 66 x 66 x 99 cm	13.2 cu. ft. 430 liters
 + 3AV	20" x 20" x 36" 50.8 x 50.8 x 96.5 cm	5.8 cu. ft. 249 liters
 + 48BV	28" x 28" x 49" 66 x 66 x 124.5 cm	19.2 cu. ft. 544 liters
	28" x 28" x 61" 66 x 66 x 170.2 cm	26.2 cu. ft. 742 liters



## EZ-Glide™ Vertical Sliding Door Series Autoclave Video

### Steam Source

This sterilizer can accommodate or be supplied with the following steam sources:

- House Steam
- Electric – Integrated Boiler
  - ProGen™ Carbon Steel
  - ProGen™ Stainless Steel
- Electric – Remote Boiler
- Carbon Steel
- Stainless Steel

Steam-to-Steam Remote Boiler (Heat Exchanger)

### Air Removal

This sterilizer can accommodate the following air removal methods:

- Gravity
- Gravity with Post-Vacuum
- Pre-Vacuum
  - Liquid Ring Pump
  - Venturi / Water Ejector System

### Materials of Construction

#### Chamber Options

316L Stainless Steel, Nickel-Clad

#### Jacket Options

Carbon Steel, 304L Stainless Steel, 316L Stainless Steel

#### Plumbing Options

Bronze, Brass, Copper, 316L Stainless Steel

### Features

Feature	Benefit
Cloud-enabled internet connectivity	Allows for cloud-based data storage, real time monitoring, and cycle alerts & reminders
Unique non-stick door gasket*	Specialty formulated to eliminate sticking and to avoid door jamming
Air-actuated gasket	Minimizes steam exposure to greatly extend gasket working life
Whisper-quiet, integrated air compressor	Minimizes noise, eliminates need for facility air supply, supplies constant air pressure to gasket
Side-mounted controls	Avoids steam exposure to electronics and extends touchscreen life
Front access swing-out assembly	Simplifies serviceability, assures access to all components
Counterbalanced sliding door	Simplifies working footprint, lifts without the complexity of pneumatics or service-prone hydraulics
Low-mounted counter pulleys	Prevents steam exposure to pulley system, minimizes corrosion on pulley cables
One style solenoid valve used throughout sterilizer**	Simplifies maintenance, non-proprietary valve reduces cost
Integrated post-vac drying cycle	Vacuum drying phase eliminates steam and removes moisture from the load (i.e. reduces wet packs)
Front-mounted chamber drain	Simplifies access to the chamber drain steamer for easy cleaning
Pressure gauge calibration	Permits periodic calibration to maintain accuracy, extend component life
Customizable design†	All sliding door sterilizers are custom made to exact configuration, functionality and options
Slim profile	Fits through standard doorways
Automatic power door operation ***	Powered door operation allows 1 finger open/close operation. The door can be manually operated in the event of power loss.
Water/Eco® Conservation System™††	Significantly reduces sterilizer water usage

\* CSS Exclusive

\*\* Manual operation is the standard configuration for all vertical sliding door autoclaves. An upgrade to “power door operation” is available as an option.

\*\*\* Optional

### Cloud-Enabled

Consolidated sterilizers connect to the internet and are preconfigured for cloud-based monitoring, alerting and data collection.

## Sustainable Features

Reducing the utility costs and carbon footprint are important consideration for many facility and sustainability stakeholders. Consolidated understands the role autoclaves can play, and we've developed these state-of-the-art configurations to significantly reduce water and energy usage for both new and existing sterilizers.

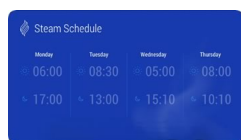
## XI™ Controller

Consolidated's X1™ controllers offer proven reliability, based on an industrial PLC platform programmed specifically for Consolidated's sterilizers.



The X1™ control system include these user-friendly features:

- Intuitive user interface with modern, easy to view 7" touchscreen display.
- Ability to program up to 50 sterilization cycles.
- Ability to add "favorite cycles" shortcuts for quick access.
- Ability for managers to prevent users from modifying sterilization parameters on individual cycles.
- Built from industry-standard, open-source components allowing for easy availability of parts and service.



## EcoCalendar

The X1 controls are equipped with a calendar-based automatic start-up and shut-down feature known as EcoCalendar. This feature helps minimize utility consumption and HVAC load through a software controlled, automatic steam shut-off program. Utilities can be programmed for automatic start-up and shut-down based on time of day and day of the week.

## Cloud Access

### Maximize laboratory productivity with Consolidated's cloud-enabled steam autoclaves.

Thanks to a unique partnership with TetraScience, an Internet-of-Things company, Consolidated autoclaves are now able to connect to the internet—allowing scientists, lab managers, and facilities personnel to monitor their autoclaves and download their sterilization data from any internet-ready device. **This feature is now included on all Consolidated models** manufactured after Sept 2016.\* — simply connect the autoclave via Ethernet or Wi-Fi to enjoy the benefits (cloud-based data storage, real time monitoring, and cycle alerts & reminders). In addition to this cloud system, Consolidated autoclaves can be configured with SteriNET® Connex to include remote troubleshooting with live factory support; ideal for facilities that cannot afford any down-time or that are located in remote areas where service assistance is hours or days away.

### Cloud Upgrade Available for Existing Autoclaves

Enhance your existing autoclave to harness the Cloud using our Cloud Upgrade Kit. This kit enables a Consolidated sterilizer with an existing Advantage-Series (ADV-PB, ADV-PLUS or ADV-PRO) controller to be upgraded and have all the cloud capabilities as newer-model sterilizers.

## Consolidated's On-Demand Cloud Demo

Wondering how Consolidated's cloud-enabled autoclave software works? Watch a quick demo below.

Reviews

There are yet no reviews for this product.