



**Designed for maximum uptime,
simplified maintenance, easy user interface
and low cost of ownership.**

The Consolidated Model 3AV EZ-Glide™ sliding door sterilizer offers 8.8 cu.ft. (250 liters) of spacious, high performance sterilizing capacity in a minimal footprint. The new Model 3AV includes multiple engineering and ergonomic features developed to simplify operation, improve serviceability and document sterilization function for record keeping.

EZ-Glide™ Sliding Door


- The EZ-Glide™ sliding door steam sterilizer simplifies chamber access with a sliding counterbalanced door that seals safely against an air actuated non-stick gasket. The non-stick gasket design provides a longer service life than a conventional steam-actuated gasket.
- The gasket is recessed into a precision-machined slot and will maintain a secure seal even in the event of a total utility loss. The gasket is easy to replace and does not require special tools or lubrication.
- The door sealing mechanism includes redundancy for added security; a safety lock prevents the door from opening if the chamber is under pressure.
- Ergonomic benefits include a wide-grip handle and smooth, vertical open/close action on a counterbalanced assembly that is easy-to-operate with one-hand access.

ProGEN™ Steam Generator

When house steam is not available or inadequate, the Consolidated ProGEN™ electric steam generator serves as the steam source. Developed to fit directly below the sterilizer chamber within the chassis, the ProGEN™ is designed to deliver a high rate of steam to the chamber without lag time between cycles. This increased steam capacity accelerates recovery and achieves cycle setpoints more quickly to yield the most efficient turn-around time possible.

The ProGEN™ includes front-access to open-source heating elements for quick replacement over the life of the sterilizer, as well as:

- Larger than normal steam capacity, resulting in faster up-time.
- Large service opening for easy generator maintenance and inspection.
- Whisper-quiet automatic feed water pump, pressure regulator and electronic water level control.
- Standard voltages 208, 240, 480 in single phase or three phase.
- Capacities from 20 kW to 45 kW.
- Optional automatic blowdown.
- Available for retrofit to existing sterilizer systems.

Model	Chamber Dimensions (w x h x f-b)	Volume (cu. ft. / liters)	Ship Weight (lbs/kg)	Overall Dimensions (w x h x f-b)
Sliding Door Model				
3AV				
				
3AV	20" x 20" x 38" 50.8 x 50.8 x 96.5 cm	8.8 cu. ft. 250 liters	1,650 lbs 750 kg	39.375" x 71" x 47" 100 x 180.3 x 119.4 cm


*Specify Advantage Series™ ADV-PRO™, ADV-PLUS™ or ADV-PB™ when ordering.
Available with optional ProGEN™ integral electric steam generator.*



Model 3AV-ADV-PRO



Designed for Maximum Up-Time




Feature	Benefit
Unique non-stick door gasket*	Specially 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 strainer 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
 WaterEco™ Conservation System**	Significantly reduces sterilizer water usage

*CSS Exclusive

**Optional

Advantage Series™ PLC Controls

The EZ-Glide™ can be ordered with any of the Consolidated Advantage-Series Sterilizer Controllers including ADV-PRO™, ADV-PLUS™ and ADV-PB™.

Controller Models	Display	Key Features
ADV-PRO™		6" or 10" Color Touchscreen 22+ Cycles Pre-Vac Capability Password Protection BSL-3 Compatible
ADV-PLUS™		6" Monochrome Touchscreen 12 Cycles Pre-Vac Capability
ADV-PB™		3" Monochrome Touchscreen 2 Cycles



SteriNET® Remote Access Features

Advantage™ controllers can integrate with a suite of SteriNET® state-of-the-art monitoring, troubleshooting, supervisory control and data acquisition solutions required to meet specific laboratory and/or facility requirements.

- SteriNET® **DataPort**, data downloading to a local computer or facility monitoring system.
- SteriNET® **Connex** for live factory diagnostics.
- SteriNET® **APPs**, third party monitoring applications for mobile devices.
- SteriNET® **SCADA**, connects to a Supervisory Control and Data Acquisition System.



A. Hinged front panels for easy access

B. EZ-Glide™ vertical sliding door

C. ProGEN™ electric steam generator (optional)

D. Advantage Series™ control column

Model 3AV (Front View) Service access panels on left- and right-hand hinges place all interior components and plumbing within easy reach and front access. Controls, printers, communications, electrical, mechanical and plumbing circuits are positioned for proactive maintenance.