

Consolidated Sterilizer Systems

Designed to Transform Your Laboratory







Advantage Series" Sterilizer Control Suite

About Consolidated

Consolidated Sterilizer Systems was founded by William A. Barnstead in 1946. For more than 70 years we have enjoyed a reputation for excellence in the field of sterilization and distillation products. Today, Consolidated has a long-standing reputation for high-performance within the sterilization industry and as one of the most reliable sterilizer and water still manufacturers in the world.

Our office and factory are located in Boston, Massachusetts, a city rich with universities, hospitals, research laboratories and biotechnology enterprises. Customers worldwide come to Consolidated because we manufacture a product line with the best price, functionality and predictable quality in the industry. Consolidated markets and sells its products all over the world through qualified sales teams and manufacturer sales representatives. All of our units are **100% manufactured in the USA**.

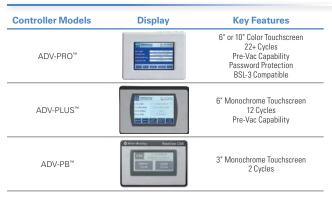
The Consolidated Advantage

Our reputation for reliability, quality and safety is built into every sterilizer so your operation will enjoy maximum uptime. All Consolidated sterilizers incorporate a solid silicone door gasket that can be easily replaced without tools or adhesives. We also utilize **non-proprietary** valves that are often available from local suppliers. These features, plus Consolidated's industry renowned quality, help our network of local dealers ensure the lowest cost of ownership in the industry while maintaining the highest standards of sterilization.

Consolidated's Advantage Series[™] Programmable Logic Controllers are built using proven industry-standard components that provide dependable performance, solid reliability and international parts availability.

- Choose from ADV-PRO[™], ADV-PLUS[™] or ADV-PB[™] controllers
- All Advantage Series[™] controllers are based on the proven Allen-Bradley[®] PLC platform configured specifically for Consolidated Sterilizers
- Intuitive Rockwell touchscreens and real-time operating system
- UL/CSA listed
- Cloud-enabled

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The ADV-PRO™ Controller is configured for Consolidated products. It utilizes the proven Allen-Bradley® PLC which is an open source controller with worldwide support.

ADV-PRO[™] Features and Options

Consolidated's ADV-PRO[™] sterilizers provide you with our top-of-theline and most advanced control system. These sterilizers are completely menu driven and allow you to program and monitor sterilizer functions with a degree of sophistication that is unsurpassed. Our ADV-PRO[™] sterilizers are an excellent choice for biotechnology, animal and life science, commercial and pharmaceutical applications.

Industry Standard and Custom Sterilizer Cycles

The ADV-PRO[™] controller comes with many pre-programmed common sterilizer cycles, each tuned to best sterilize a specific type of load. Additionally, users may program custom cycles tailored to specific applications. Available factory configured cycles are listed here:

- Gravity
- Liquids
- Vacuum
- Bowie-Dick (daily air removal test)
- Vacuum leak test
- Low temperature (isothermal)
- Air-over-pressure
- Effluent decontamination
- F_o Cycle
- Rapid cooling (water-spray)
- Rapid cooling (water-jacket)
- Pressure ramping
- Other programmable cycles

Intuitive Operator Interfaces

The ADV-PRO[™] controller features a robust, durable and convenient color touchscreen interface with several mounting options:

- Standard: 6" (15.24 cm) color active matrix TFT touchscreen resolution: 320 × 240 pixels, 18-bit color graphics
- Optional: 10" (25.4 cm) color active matrix TFT touchscreen resolution: 640 × 480 pixels, 18-bit color graphics
- Optional: Available with swing-arm, front and remote panel mounting
- Optional: Dual-control display available for pass-thru models (full control column on operating end, touchscreen interface only on non-operating end)
- Optional: Dual-control remote cycle start switch available for pass-thru models (full control column on one end, remote start and abort buttons on the other end)
- Standard: Chamber process gauges display pressure (psig, kg/cm²) and vacuum (inHg and mmHg)
- Controller mounting available on left or right side

Sterilizer Control and Process Integrity

The ADV-PRO controller consists of an advanced software, and hardware-based monitoring system that allows unattended operation of Consolidated sterilizers without sacrificing reliability. Standard security features prevent inadvertent or unauthorized process changes.

- Touchscreen configurable cycle parameters
- Incorrect or out-of-tolerance parameter rejection
- Three-point software calibration of sensors
- Multi-layered password security for configuration protection
- Cycle start interlock requires sterilizer doors to be closed and locked
- Automatic condensate exhaust management for all sterilizer cycles
- Memory backup preserves configuration in event of power failure/outage
- Double door alarm for pass-thru models
- Energy-saving EcoCalendar[™] with auto-idle shut-off (sleep mode)
- Optional dry contacts connection to building system



Sterilizer Cycle Quality Reporting

Users can easily view and electronically download all sterilizer operating parameters, cycle progress and cycle data for a single load or batch of loads.

- Data downloadable from the cloud via ethernet or Wi-Fi
- Data downloadable via Ethernet, RS-232 or RS-485 interfaces
- Ongoing graphical display of cycle progress on touchscreen display
- · Hard copy report from thermal or impact printer

Audible and Visual Alarms

At the end of each cycle or upon the occurrence of abnormal sterilization conditions, the Advantage Series[™] controller displays a visual notification, prints a record and sounds an audible alarm. A sampling of sterilizer alarms include:

- Cycle completed
- Recycle alarm; proper sterilization temperature not maintained
- Over temperature alarm; sterilization temperature exceeded limit
- Over pressure alarm; sterilization pressure exceeded limit



Model SR-24B-ADV-PRO Shown with optional swing-out controller mounting and optional 10" display.

Printed Documentation of Sterilizer Cycles

A printed record of each sterilizer cycle provides nonvolatile documentation demonstrating compliance within specification suitable for process recording and auditing and in compliance with 21 CFR requirements.

- User-defined cycle name
- Start time and date
- Cycle type
- Time, chamber temperature and pressure are printed at cycle start, end, transition points and periodically during cycle phases
- Cycle summary, including sterilize time and exhaust time

Touchscreen Menu System

The ADV-PRO[™] touchscreen layout and menu system is intuitive, easy to use and requires little operator training. In addition, diagnostic and help resources are available throughout the menu structure.

- Intuitive menu trees and screens
- Multi-layered password security for configuration protection
- Built-in service and diagnostic routines
- Optional remote troubleshooting feature available

9:31:16AM	CYCLE	OVER		
9:30:30AM	169F	30inHG		
9:29:30AM	163F	29inHG		
9:28:30AM	161F	24inHG		
9:27:30AM	201F	7inHG		
9:26:30AM	234F	11PSI		
9:25:16AM	EXHAUS	TING/ DRYING		
9:25:30AM	251F	17PSI		
9:24:30AM	252F	17PSI		
9:23:30AM	251F	17PSI		
9:22:30AM	252F	17PSI		
9:21:30AM	251F	17PSI		
9:20:30AM	252F	18PSI		
9:19:30AM	252F	17PSI		
9:18:30AM	251F	17PSI		
~	\sim			
8:58:30AM	201F	21PSI		
8:57:30AM	251F			
8:56:30AM	250F	20PSI		
8:56:16AM	STERII 17			
8:55:30AM	247F	18PSI		
8:54:30AM	244F	17PSI		
8:53:30AM	237F	14PSI		
8:52:30AM	226F	10PSI		
8:51:32AM	WAIT FO	WAIT FOR CH. TEMP		
8:51:30AM	200F	200F 10PSI		
8:50:32AM	CONDITI	CONDITIONING		
DRY TIME	5 MIN			
CYCLE TIME	30 MIN	•		
CYCLE TEMP	250 F			
CYCLE NAME	GRAVITY	1		
OPERATOR	222			
DATE	6/18/201	0 TIME 8:50AM		

Sample print-out from ADV-PRO controller.

Cloud Enabled Autoclaves - Real-Time Monitoring and Data Collection

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^{*} — 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 to include remote troubleshooting with live factory support (SteriNET® Connex); ideal for facilities that cannot afford any down-time or that are located in remote areas where service assistance is hours or days away.

*This cloud feature may also be retrofit on existing Consolidated autoclaves with Advantage-Series controls.

Cloud Benefits				
Cycle Alerts & Reminders	No more waiting around for the autoclave to finish running. Focus on your research – not on the equipment – by getting notified via text or email when the cycle is completed.			
Data Storage	No need to save paper print-outs from the autoclave. Conveniently access cycle data from the cloud where it is automatically stored. Download the data to your local computer or import data directly into Electronic Lab Notebook.			
Real-Time Monitoring	Avoid having to walk down the hall to check the status of the autoclave. See when the autoclave is in use, from any device, to better schedule your experiment and better utilize the autoclave.			

ADV-PLUS[™] Features and Options

Consolidated's ADV-PLUS[™] sterilizers blend a perfect combination of form and function. The ADV-PLUS[™] control system incorporates many of the advanced features and the intuitive graphical interface of the ADV-PRO[™], at a lower cost. Like the other control systems in the Advantage-Series Suite, the ADV-PLUS[™] is based on the Allen-Bradley[®] PLC platform configured specifically for Consolidated Sterilizers. Chamber temperature, chamber pressure, and jacket temperature values are all measured and displayed on the touch screen in real time.



 A. Allen-Bradley[®] touchscreen controller
 B. Optional thermal printer

- The ADV-PLUS[™] includes a 6" monochrome touchscreen display and impact printer for detailed cycle documentation. (A thermal printer is available upon request.)
- Multi-layered password security for configuration protection
- This control system is ideal for BSL-1 and BSL-2 laboratories and facilities that require pre-vacuum operation, as well as other common sterilization cycles (Gravity and Liquids).
- The ADV-PLUS[™] can store up to 9 commonly used cycles (3 each for Gravity, Liquids, and Vacuum) and 3 optional cycles (Low-Temperature [Isothermal], Air Removal Test, and Vacuum Leak Test) for a total of 12 cycles.
- A load probe is available for temperature control during a Liquids cycle.
- All control components are contained within the hinged control column for easy servicing using locally available open-source parts.



Model SSR-3AV-ADV-PLUS Shown with vertical sliding door.

ADV-PB[™] Features and Options

Consolidated's ADV-PB[™] sterilizers offer the highest reliability as well as simplicity by design. Ideal for high-volume facilities with multi-tasking scientists and busy graduate students; these sterilizers utilize industry-standard cycles: gravity and liquid (postvacuum drying optional). All cycles include an initial conditioning or purge phase for air removal.

Consolidated offers state-of-the-art technology to assure dependable and economic performance. As our entry-level control system, the ADV-PB[™] is designed for fast-paced, high-volume facilities. Available for all Consolidated sterilizers, the user-friendly ADV-PB[™] configuration allows technicians to operate the unit without advanced knowledge of sterilization.

- The ADV-PB[™] features the proven Allen-Bradley[®] MicroLogix[™] PLC with push-button controls and a 6[™] monochrome touchscreen that allows users to easily view cycle status, time remaining and chamber temperature.
- Although cycle parameters can be easily changed through touchscreen data entry, the controller automatically stores the last gravity and liquid cycles, making it easy to run repeat cycles without re-entering parameters.
- An alphanumeric impact printer provides cycle documentation.
- A post-vacuum option is available for enhanced drying.
- All control components are contained within the hinged control column for easy servicing using locally available open-source parts.



Consolidated Sterilizer Systems Controller Options-The Advantage Series[™] Programmable Logic Controllers

Controllers	ADV-PRO"	M	ADV-PLUS™	ADV-PB™
Description	Color Touchscreen	Display	Monochrome Touchscreen Display	Monochrome Touchscreen Display w/ Push Buttons
Operator Interfaces				
Display	6" 18 bit color	10" 18 bit color	7" Monochrome	3" Monochrome
Resolution	320 x 240 pixels	640 x 480 pixels	800 x 400 pixels	128 x 64 pixels
Mounting Options	Front and Remote	e Panel	Front and Remote Panel	Top, Front and Remote Panel
Chamber Process Gauges	Pressure (psig, kg Vacuum (inHg, m		Pressure (psig, kg/cm²) Vacuum (inHg, mmHg)	Pressure (psig, kg/cm²) Vacuum (inHg, mmHg)
Industry Standard and Custom Sterilizer Cycles				
Gravity	Standard		Standard	Standard
Liquids w/Auto Jacket Blowdown	Standard		Standard	Standard
Liquids w/Controlling Load Probe	Optional		Optional	
Pre-Vacuum	Optional		Optional	
Post-Vacuum Drying	Optional		Optional	Optional
Low Temperature (Isothermal)	Optional		Optional	
Bowie-Dick (Air Removal Test)	Optional		Optional	
Vacuum Leak Test	Optional		Optional	
Air-Over-Pressure	Optional			
Effluent Decontamination	Optional			
F₀ w/ Controlling Load Probe	Optional			
Total Programmable Cycles	Up to 22		Up to 12	2
I Green Features		1		
Energy Saver Eco Calendar for Scheduled ON/OFF Steam Supply	Standard		Standard	
WaterEco [™] System for Reduced Water Consumption	Optional		Optional	Optional
Sterilizer Control and Process Integrity				
Configurable Cycle Parameters	Standard		Standard	Standard
	Standard Standard		Standard Standard	Standard Standard
Improper Parameter Rejection				
Improper Parameter Rejection Multi-layered Password Security for Configuration Protection	Standard		Standard	
Improper Parameter Rejection Multi-layered Password Security for Configuration Protection Two-Point Calibration of Sensors	Standard Standard		Standard Standard	Standard
Improper Parameter Rejection Multi-layered Password Security for Configuration Protection Two-Point Calibration of Sensors Automatic Condensate Exhaust Management for all Cycles	Standard Standard Standard		Standard Standard Standard	Standard Standard
Improper Parameter Rejection Multi-layered Password Security for Configuration Protection Two-Point Calibration of Sensors Automatic Condensate Exhaust Management for all Cycles Memory Backup of Configuration	Standard Standard Standard Standard		Standard Standard Standard Standard	Standard Standard Standard Standard
Improper Parameter Rejection Multi-layered Password Security for Configuration Protection Two-Point Calibration of Sensors Automatic Condensate Exhaust Management for all Cycles Memory Backup of Configuration Sterilizer Cycle Quality Reporting	Standard Standard Standard Standard Standard		Standard Standard Standard Standard Standard	Standard Standard Standard Standard
Improper Parameter Rejection Multi-layered Password Security for Configuration Protection Two-Point Calibration of Sensors Automatic Condensate Exhaust Management for all Cycles Memory Backup of Configuration Sterilizer Cycle Quality Reporting Graphic Display of Cycle Progress	Standard Standard Standard Standard Standard Standard		Standard Standard Standard Standard	Standard Standard Standard
Improper Parameter Rejection Multi-layered Password Security for Configuration Protection Two-Point Calibration of Sensors Automatic Condensate Exhaust Management for all Cycles Memory Backup of Configuration Sterilizer Cycle Quality Reporting Graphic Display of Cycle Progress Thermal Printer (48 characters/line)	Standard Standard Standard Standard Standard Standard Standard		Standard Standard Standard Standard Standard Standard	Standard Standard Standard Standard Standard
Improper Parameter Rejection Multi-layered Password Security for Configuration Protection Two-Point Calibration of Sensors Automatic Condensate Exhaust Management for all Cycles Memory Backup of Configuration Sterilizer Cycle Quality Reporting Graphic Display of Cycle Progress Thermal Printer (48 characters/line) Impact Printer (48 characters/line)	Standard Standard Standard Standard Standard Standard		Standard Standard Standard Standard Standard	Standard Standard Standard Standard
Improper Parameter Rejection Multi-layered Password Security for Configuration Protection Two-Point Calibration of Sensors Automatic Condensate Exhaust Management for all Cycles Memory Backup of Configuration Sterilizer Cycle Quality Reporting Graphic Display of Cycle Progress Thermal Printer (48 characters/line) Impact Printer (48 characters/line) Printed Documentation of Sterilizer Cycles	Standard Standard Standard Standard Standard Standard Standard Optional		Standard Standard Standard Standard Standard Standard	Standard Standard Standard Standard Standard
Improper Parameter Rejection Multi-layered Password Security for Configuration Protection Two-Point Calibration of Sensors Automatic Condensate Exhaust Management for all Cycles Memory Backup of Configuration Sterilizer Cycle Quality Reporting Graphic Display of Cycle Progress Thermal Printer (48 characters/line) Impact Printer (48 characters/line) Printed Documentation of Sterilizer Cycles User Defined Cycle Name	Standard Standard Standard Standard Standard Standard Standard Optional Standard		Standard Standard Standard Standard Standard Standard Standard	Standard Standard Standard Standard Standard Standard Standard Standard Standard
Improper Parameter Rejection Multi-layered Password Security for Configuration Protection Two-Point Calibration of Sensors Automatic Condensate Exhaust Management for all Cycles Memory Backup of Configuration Sterilizer Cycle Quality Reporting Graphic Display of Cycle Progress Thermal Printer (48 characters/line) Impact Printed Documentation of Sterilizer Cycles User Defined Cycle Name Start Time and Date	Standard Standard Standard Standard Standard Standard Optional Standard Standard Standard		Standard Standard Standard Standard Standard Standard Standard Standard	Standard
Improper Parameter Rejection Multi-layered Password Security for Configuration Protection Two-Point Calibration of Sensors Automatic Condensate Exhaust Management for all Cycles Memory Backup of Configuration Sterilizer Cycle Quality Reporting Graphic Display of Cycle Progress Thermal Printer (48 characters/line) Impact Printer (48 characters/line) Printed Documentation of Sterilizer Cycles User Defined Cycle Name Start Time and Date Cycle Type	Standard Standard Standard Standard Standard Standard Optional Standard Standard Standard Standard		Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard	Standard
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Configurable Cycle Parameters Improper Parameter Rejection Multi-layered Password Security for Configuration Protection Two-Point Calibration of Sensors Automatic Condensate Exhaust Management for all Cycles Memory Backup of Configuration Sterilizer Cycle Quality Reporting Graphic Display of Cycle Progress Thermal Printer (48 characters/line) Impact Printer (48 characters/line) Printed Documentation of Sterilizer Cycles User Defined Cycle Name Start Time and Date Cycle Type Chamber Temperature/Pressures Cycle Summary Audible Alarms (Also Displayed on Touchscreen) Cycle Completed, Recycle, Over Temperature, Over Pressure, Time Limit, Chamber Drain, Jacket/Chamber Flow Failure Connectivity	Standard Standard Standard Standard Standard Standard Optional Standard Standard Standard Standard Standard Standard		Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard	Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard Standard
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Consolidated Sterilizer Selection Chart

2A 3A 3AV 24A 26A 26AV 24B 24C 26B 26BV 28B 24D 24E 24F 36D 36E 36F

Single Door Models				
Model	Volume (per chamber)	Interior Dimensions (per chamber) $w \times h \times f\text{-}b$	Ship Weight (lbs/kg)	Ship Dimensions $\mathbf{w} \times \mathbf{h} \times \mathbf{f} \cdot \mathbf{b}$
SSR-2A	3.9 cu.ft. 109 liters	16"×16"×26" 40.6×40.6×66 cm	1,150 lbs 523 kg	37" × 77" × 54" 94 × 196.5 × 137.2 cm
SSR-3A	8.8 cu.ft. 249 liters	$20" \times 20" \times 38"$ 50.8 × 50.8 × 96.5 cm	1,650 lbs 750 kg	37"×77"×65" 94×196.5×165.1 cm
3AV	8.8 cu.ft. 249 liters	$20" \times 20" \times 38"$ 50.8 × 50.8 × 96.5 cm	1,650 lbs 750 kg	37" × 77" × 65" 94 × 196.5 × 165.1 cm
SR-24A	12 cu.ft. 340 liters	24" × 24" × 36" 61 × 61 × 91.4 cm	2,300 lbs 1,045 kg	46"×77"×66" 116.8×195.6×167.6 cm
SR-26A	15.25 cu.ft. 430 liters	26"×26"×39" 66×66×99 cm	2,450 lbs 1,113 kg	46" × 77" × 69" 116.8 × 195.6 × 175.3 cm
26AV	15.25 cu. ft. 430 liters	26" x 26" x 39" 66 x 66 x 99 cm	2600 lbs 1182 kg	46.375" x 77.25" x 54" 118 x 196 x 138 cm
SR-24B	16 cu.ft. 453 liters	24" × 24" × 48" 61 × 61 × 122 cm	2,500 lbs 1,136 kg	46" × 78" × 77" 116.8 × 198.1 × 195.6 cm
SR-24C	18 cu.ft. 510 liters	24"×36"×36" 61×91.4×91.4 cm	2,700 lbs 1,228 kg	46"×78"×65" 116.8×198.1×165.1 cm
SR-26B	19.2 cu.ft. 544 liters	26" × 26" × 49" 66 × 66 × 124.5 cm	2,700 lbs 1,228 kg	46"×77"×79" 116.8×195.6×201 cm
26BV	19.2 cu.ft 544 liters	26" x 26" x 49" 66 x 66 x 124.5 cm	2,850 lbs 1296 kg	46.375" x 77.25" x 64" 118 x 196 x 163 cm
SR-28B	21.8 cu.ft. 617 liters	28" × 28" × 48" 71 × 71 × 122 cm	2,980 lbs 1,355 kg	48" × 78" × 78" 122 × 198.1 × 198.1 cm
SR-24D	24 cu.ft. 680 liters	24" × 36" × 48" 61 × 91.4 × 122 cm	3,150 lbs 1,432 kg	46"×78"×78" 116.8×198.1×198.1 cm
SR-24E	30 cu.ft. 850 liters	24" × 36" × 60" 61 × 91.4 × 152 cm	3,600 lbs 1,637 kg	46"×78"×89" 116.8×198.1×226.1 cm
SR-24F	36 cu.ft. 1019 liters	24" × 36" × 72" 61 × 91.4 × 183 cm	4,300 lbs 1,955 kg	46" × 78" × 98" 116.8 × 198.1 × 248.9 cm
LR-36D	48 cu.ft. 1359 liters	36" × 48" × 48" 91.4 × 121.9 ×121.9 cm	7,700 lbs 3493 kg	62" × 92" × 86" 157.4 × 233.6 × 218.4 cm
LR-36E	60 cu.ft. 1699 liters	36" × 48" × 60" 91.4 × 121.9 ×152.4 cm	8,400 lbs 3,810 kg	62" × 92" × 98" 157.4 × 233.6 × 248.9 cm
LR-36F	72 cu.ft. 2038 liters	36" × 48" × 72" 91.4 × 121.9 ×182.8 cm	9,100 lbs 4,128 kg	62" × 92" × 110" 157.4 × 233.6 × 279.4 cm

Pass-Thru Models

2A 3A 24A 24B 25A 26B 28B 28B 24C 24F 36D 36F

PT-SSR-2A	3.9 cu.ft. 109 liters	16"×16"×26" 40.6×40.6×66 cm	1,300 lbs 591 kg	37" × 79" × 57" 94 × 200.7 × 144.8 cm
PT-SSR-3A	8.8 cu.ft. 249 liters	20"×20"×38" 50.8×50.8×96.5 cm	1,800 lbs 819 kg	37" × 79" × 68" 94 × 200.7 × 172.8 cm
PT-SR-24A	12 cu.ft. 340 liters	24" × 24" × 36" 61 × 61 × 91.4 cm	2,650 lbs 1,205 kg	44" × 78" × 66" 182.9 × 198.1 × 167.6 cm
PT-SR-26A	15.25 cu.ft. 430 liters	26"×26"×39" 66×66×99 cm	2,800 lbs 1,273 kg	46" × 77" × 69" 116.8 × 195.6 × 175.3 cm
PT-SR-24B	16 cu.ft. 453 liters	24" × 24" × 48" 61 × 61 × 122 cm	2,850 lbs 1,295 kg	44" × 78" × 78" 182.9 × 198.1 × 198.1 cm
PT-SR-24C	18 cu.ft. 510 liters	24" × 36" × 36" 61 × 91.4 × 91.4 cm	3,150 lbs 1,432 kg	46" × 78" × 74" 116.8 × 198.1 × 188 cm
PT-SR-26B	19.2 cu.ft. 544 liters	26"×26"×49" 66×66×124.5 cm	3,050 lbs 1,386 kg	46" × 77" × 79" 116.8 × 195.6 × 201 cm
PT-SR-28B	21.8 cu.ft. 617 liters	28" × 28" × 48" 71 × 71 × 122 cm	3,350 lbs 1,523 kg	48"×78"×87" 122×198.1×221 cm
PT-SR-24D	24 cu.ft. 680 liters	24" × 36" × 48" 61 × 91.4 × 122 cm	3,600 lbs 1,637 kg	48" × 78" × 87" 122 × 198.1 × 221 cm
PT-SR-24E	30 cu.ft. 850 liters	24" × 36" × 60" 61 × 91.4 × 152 cm	4,050 lbs 1,841 kg	48" × 81" × 98" 122 × 205.7 × 248.9 cm
PT-SR-24F	36 cu.ft. 1019 liters	24" × 36" × 72" 61 × 91.4 × 183 cm	4,750 lbs 2,160 kg	48" × 81" × 104" 122 × 205.7 × 264.2 cm
PT-LR-36D	48 cu.ft. 1359 liters	36" × 48" × 48" 91.4 × 121.9 ×121.9 cm	9,200 lbs 4,173 kg	62" × 92" × 86" 157.4 × 233.6 × 218.4 cm
PT-LR-36E	60 cu.ft. 1699 liters	36" × 48" × 60" 91.4 × 121.9 ×152.4 cm	9,900 lbs 4,490 kg	62" × 92" × 98" 157.4 × 233.6 × 248.9 cm
PT-LR-36F	72 cu.ft. 2038 liters	36" × 48" × 72" 91.4 × 121.9 ×182.8 cm	10,600 lbs 4,808 kg	62" × 92" × 110" 157.4 × 233.6 × 279.4 cm

Exclusive Dual Chamber Tower Mod

2A	Per Chamber		Total	
	Volume	Interior	Ship Weight	Ship Dimensions
2SSR-2A	3.9 cu.ft. 109 liters	16"×16"×26" 40.6×40.6×66 cm	2,250 lbs 1,125 kg	43"×87"×61" 109.2×221×154.9 cm
2SSR-3A	8.8 cu.ft. 249 liters	$20" \times 20" \times 38"$ 50.8 × 50.8 × 96.5 cm	3,250 lbs 1,477 kg	43"×87"×61" 109.2×221×154.9 cm

All control systems in the Advantage Series[™] Suite are available to retrofit your existing autoclave. Please contact Consolidated to upgrade your existing control system with one of Consolidated's state-of-the-art Advantage Series Controllers.



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