



"Serving Our Veteran and Military Hospitals with a  
Medical Waste Treatment System for the 21st Century"

The Department of Veterans Affairs  
Federal Supply Service  
Authorized Federal Supply Schedule Price List  
Incorporates Modification Number 0001 Effective June 01, 2011

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system. The INTERNET address for GSA Advantage is <http://www.gsaadvantage.gov>

**Medical Equipment and Supplies**  
**FSC Group 65, Part II, Section A**  
**FSCClass: 6530**  
**Contract Number: V797P-4363B**  
**Modification # 0001**

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at <http://www.fss.gsa.gov>

**Contract Period:** 12/15/2010 - 12/14/2015

**Contractor** OnSite Sterilization LLC  
319 Commerce Court Suite 103  
Pottstown PA, 19464  
Phone # 610-495-8214  
Fax # 610-495-8215  
Web Site: <http://AskOnSite.com>

**Contract Administration Source:** Al Koehler  
Phone: 610-733-3029  
Email: [AKoehler@AskOnSite.com](mailto:AKoehler@AskOnSite.com)

**Business Size:** Small Business

**Tax Identification Number (TIN)** 20-4381717

**CUSTOMER INFORMATION:**

- 1a. **Table of awarded special item number(s) with appropriate cross-reference to item descriptions and awarded price(s).**  
A-91
- 1b. **Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply.**

(SIN)	(Basic Unit) (Brief Description)	(PRICE)
A-91	Optional Sump Pump	\$1398.99

2. **Maximum order.**  
\$600,000 or one (1) system
3. **Minimum order.**  
None
4. **Geographic coverage (delivery area).**  
48 States, Washington, DC, Alaska, Hawaii and Puerto Rico. Overseas Available by request
5. **Point(s) of production (city, county, and State or foreign country).**  
319 Commerce Court Suite 103  
Pottstown PA, 19464
6. **Discount from list prices or statement of net price.**  
.99% - 24.5%
7. **Quantity discounts.**  
2% discount for ordering 3+ units with shipment to a single location.
8. **Payment terms.**  
1% 10net30
- 9a. **Notification that Government purchase cards are accepted up to the micro-purchase threshold.**  
Will accept the Government purchase cards for orders up to or below the micro-purchase threshold.

9b. **Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold.**

Will accept the Government purchase cards for orders above the micro-purchase threshold.

10. **Foreign items (list items by country of origin).**

Not Applicable.

11a. **Time of delivery.**

45 days in stock; 90 days out of stock. Optional Shredder item if not in stock will take 16-18 weeks

11b. **Expedited Delivery.**

30 days ARO. Ordering facilities will pay the difference between normal and expedited shipping charges.

11c. **Overnight and 2-day delivery. The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery.**

Overnight Delivery Available for Parts and Supplies. Please contact us for rates.

11d. **Urgent Requirements. The Contractor will note in its price list the "Urgent Requirements" clause of its contract and advise agencies that they can also contact the Contractor's representative to effect a faster delivery.**

Contact us to effect a faster delivery

12. **F.o.b. point(s).**

Destination 48 states, the District of Columbia, and point of exportation (POE) to Alaska, Hawaii, and Puerto Rico

13a. **Ordering address(es).**

OnSite Sterilization LLC  
319 Commerce Court, Suite 103,  
Pottstown, PA 19464-3478  
Phone # 610-495-8214  
Fax # 610-495-8215  
<http://AskOnSite.com>

13b. **Ordering procedures:**

For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's), and a sample BPA can be found at the GSA/FSS Schedule homepage ([fss.gsa.gov/schedules](http://fss.gsa.gov/schedules)).

14. **Payment address(es).**

OnSite Sterilization LLC  
319 Commerce Court, Suite 103,  
Pottstown, PA 19464-3478  
Phone # 610-495-8214 Fax # 610-495-8215

15. **Warranty provision.**

Manufacturer's Limited Warranty – Stainless Steel Pressure Vessel – 10 Years from Date of Installation.

Manufacturer's Limited Warranty – Carbon Steel Pressure Vessel – 5 Years from Date of Installation.

Control Panel – 2 Years.

Carts and Bins – 18 months.

Repairs caused by customer negligence or acts of God are not covered.

Equipment will have all factory tags showing serial numbers, model numbers, or other approval numbers will be affixed and unaltered at time of delivery.

**Return Goods Policy.**

If a shipping error occurs due to Contractor's error, the Contractor will pay freight both ways for return/exchange of goods without a restocking fee. If an ordering facility error occurs, the ordering facility will pay return freight without a restocking fee. Please call OnSite Sterilization, LLC customer service department for a return authorization number (RA#) at 610-495-8214.

16. **Export packing charges, if applicable.**

Not Applicable

17. **Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level).**

Credit card accepted up to, equal, and above micro-purchase threshold.

18. **Terms and conditions of rental, maintenance, and repair (if applicable).**

Preventive maintenance will be included for the first year with quarterly visits and up to 5 hours of training to each shift is included with the installation. Additional training is available on the quarterly visits at no charge.

19. **Terms and conditions of installation (if applicable)**

Installation is a separate line item and includes: Transportation; transportation insurance; installation; set-up and validation testing; initial operational and maintenance testing (for one installation of a single VariClave® system delivered CONUS). Includes Preventive maintenance, for the first year with quarterly visits and up to 5 hours of training to each shift. Additional training is available on the quarterly visits at no charge.

20. **Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable).**

Not Applicable

- 20a. **Terms and conditions for any other services (if applicable)**  
Not Applicable
21. **List of service and distribution points (if applicable).**  
Not Applicable
22. **List of participating dealers (if applicable).**  
Not Applicable
23. **Preventive maintenance (if applicable).**  
Preventive maintenance will be included for the first year with quarterly visits and up to 5 hours of training to each shift is included with the installation. Additional training is available on the quarterly visits at no charge.  
  
Preventive maintenance agreement available after the first year, (open market) at the ordering facility level.
- 24a. **Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants).**  
All metal parts can be recycled. Use of the unit will reduce pollutants as compared to incineration
- 24b. **If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: [www.Section508.gov/](http://www.Section508.gov/).**  
Not Applicable
25. **Data Universal Number System (DUNS) number.**  
787888812
26. **Notification regarding registration in Central Contractor Registration (CCR) database.**  
Registered in Central Contractor Registration (CCR) and registration is valid until October 19, 2011.



*VariClave*<sup>®</sup>

Not Just Another  
Autoclave:

*"Disruptive Technology"*

*The Only Integrated, Automatic,  
Variable Operating Parameter Autoclave*



**A Revolutionary Advance in Steam Sterilization  
Technology for Regulated Medical Waste Treatment**



## **Advantages of the VariClave<sup>®</sup> Steam Sterilization Technology**

The VariClave<sup>®</sup> Control Technology is labeled as a “Disruptive Technology”. That term is applied when a new technology represents a significant jump forward when compared to the capabilities of an existing or traditional technology.

Prior to the introduction of the OnSite VariClave<sup>®</sup> (variable autoclave), existing autoclave technology had been stagnant for approximately 25 years. Autoclave testing procedures, which were originally developed for tabletop steam sterilizers, had been extrapolated to measure efficacy in much larger autoclaves which had been adapted to process Regulated Medical Waste (RMW). Such testing is best described as “surface contamination” testing. The use of these techniques “confirmed” the efficacy of the larger RMW autoclaves and led manufacturers to believe that no further research and development were necessary.

With the advent of “data tracers” (electronic data collection probes) which could be placed into the center or most difficult location to process within a RMW load, it became apparent that “surface contamination” testing techniques were wholly inadequate to test the far more complex environment of a RMW load. Testing procedures were needed that reflected the pervasive nature of Regulated Medical Waste. The heat transfer issues surrounding load size and moisture levels were compounded by containment systems, particularly large laboratory sharps containers, and suction canisters. Using electronic probes, OnSite’s research indicated fallacy after fallacy in previously accepted testing norms.

OnSite extensively tested its machinery developing new techniques for steam penetration and computer programs that varied residence times by load weight and waste classification. The computer data displays and information retention capabilities were closely coordinated to ensure operator friendliness while responding to the data and safety requirements of Regulatory Agencies. Several significant engineering advances were incorporated to ensure consistent efficacy throughout the waste bins.

The VariClave<sup>®</sup> is a revolutionary advance in steam sterilization technology for treatment of Regulated Medical Waste. The following pages highlight the differences between the OnSite VariClave<sup>®</sup> and the other autoclaves you may be considering.

After review of this data, you will note that the only points in commonality between the VariClave<sup>®</sup> and other autoclaves are that both use steam and are pressure vessels. Every other characteristic is different. The VariClave<sup>®</sup> is the only integrated, automatic, variable operating parameter autoclave in existence.

# VariClave<sup>®</sup> Advantages

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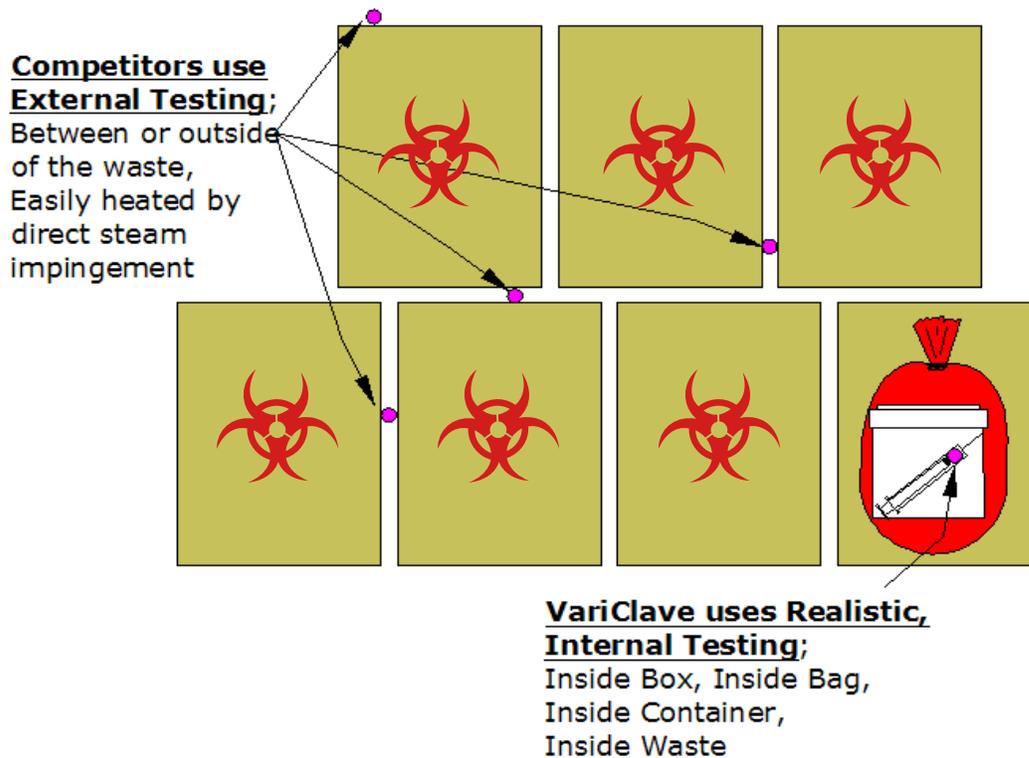
## Testing Procedures to determine Operating Parameters:

VariClave<sup>®</sup> testing is done internal to the waste load: inside the waste bags; inside the sharps containers; inside syringes; inside liquid filled suction canisters.

The Competition confirms its operating parameters by superficial testing: external to the waste containers “between” the bags, boxes, and sharps containers and outside suction canisters.

The Competition's Testing Assumptions	The VariClave's Testing Assumptions
Small loads, loosely distributed	Large loads, tightly packed
No containment systems, direct steam impingement	Multiple containment systems introducing significant heat transfer issues
Surface contamination, non-porous material	Internal contamination, porous and non-porous material
Little or no liquids	Quantities of liquids (suction canisters) requiring long residence times
Autoclave 'shell' temperature is reflective of contaminated surface temperature	Contaminated material whose internal temperature significantly lags behind 'shell' temperature

# *The Only Integrated, Automatic, Variable Operating Parameter Autoclave*



## Pandemic/ Bio-terrorist mode change switch

Each control cabinet is equipped with a key switch, which, at the supervisor's discretion, can change the computer's residence time settings from a 6 Log<sub>10</sub> reduction to a 12 Log<sub>10</sub> reduction for pandemic or bioterrorist attack conditions.

## Multi pre-cycle Vacuum Technology:

Multiple deep vacuum pulses [28" to 30" Hg] - vacuum followed by steam injection pulses to ensure maximum steam penetration. This is essential for treatment of large sharps containers (lab waste) and suction canisters.

## Continuous pressure vessel condensation removal system to prevent cold spots:

Pooled condensation creates a "heat sink" which absorbs thermal energy and reduces energy available for raising waste temperature. OnSite's patented condensation removal system eliminates condensate pooling.

Additionally, the VariClave<sup>®</sup> is an extended pressure vessel whose length is such as to ensure that no bin is located under the steam inlet to avoid condensation dripping into a bin of waste below.

# VariClave<sup>®</sup> Advantages



## Customized Control Suite:

Data can be remote and/or local, special features: "Time to next test", "End of cycle time", easy to read graphs and storing of test, maintenance, and training records.

Seven year data retention and retrieval system. 8 ½ x 11 paper printer included in temperature controlled cabinet.

## Radiation Monitoring:

Visual alarm plus system lockout if radiation is detected.

## Integrated Scale:

Computer generated algorithm adjusts "residence time" (time @ or above 250°F) for variations in waste load weight and waste classification.

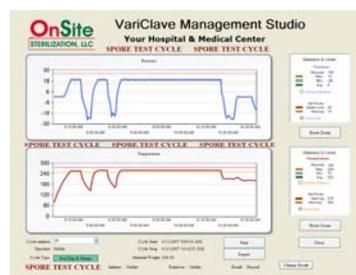
## Computer Controlled PLC:

Advanced programming techniques allow instantaneous adjustment of PLC to adjust operating parameters for variations in waste weight and recognition of different heat transfer challenges

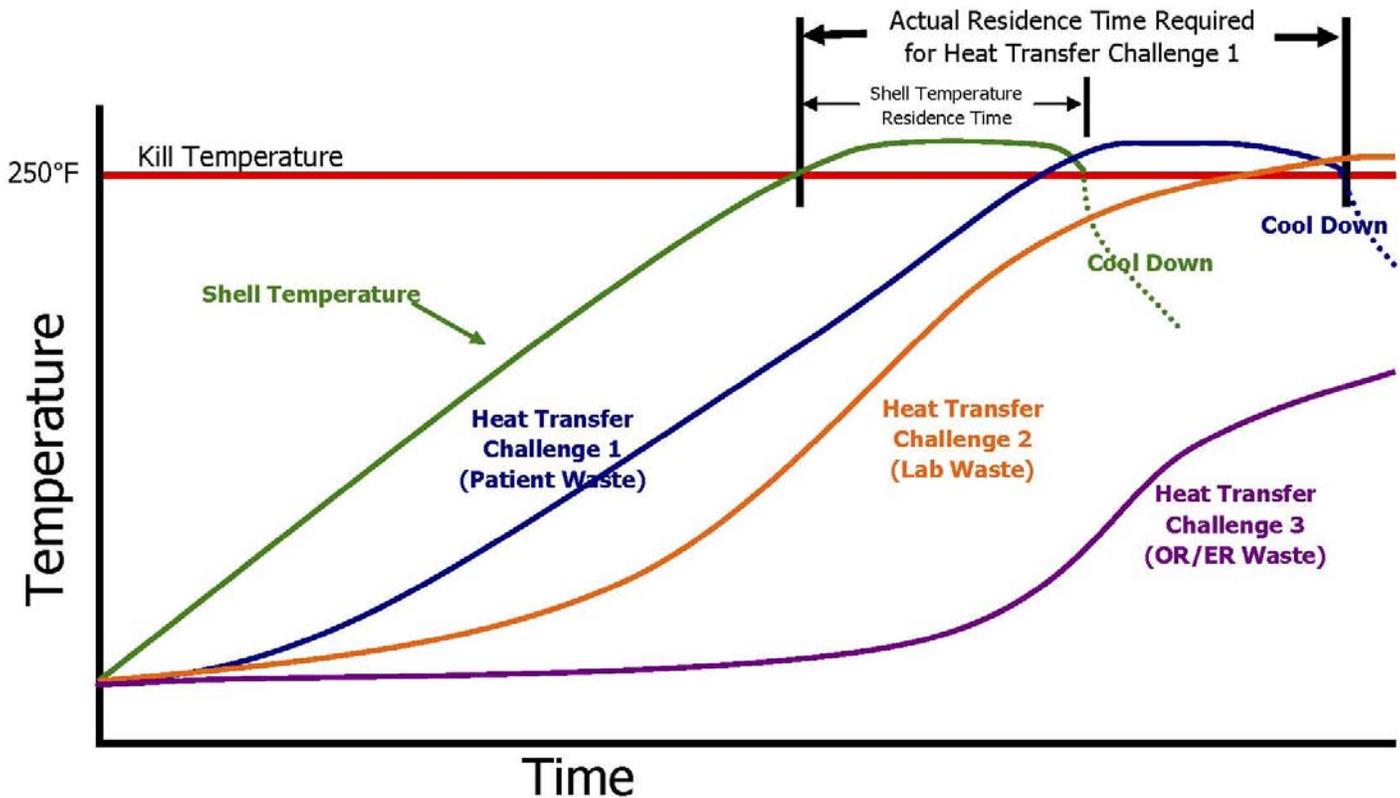
Heat Transfer Challenges identified in testing:

<u>CLASSIFICATION</u>	<u>DESCRIPTION</u>
-----------------------	--------------------

- |                           |   |
|---------------------------|---|
| [1] "Patient Room Waste": | Red bags and small sharps containers [up to 3.5 gallons]  |
| [2] "Lab Waste":          | 17 gallon sharps containers plus Class [1]                |
| [3] "OR and ER Waste":    | liquid filled suction containers plus Classes [1] and [2] |



## The Only Integrated, Automatic, Variable Operating Parameter Autoclave



### Advanced material handling systems - adaptable to every hospital situation:

Ease of use and fast load/unload characteristics reduce time between cycles to enhance productivity.

### Metallurgy:

Stainless Steel vs. Carbon Steel [The VariClave® stainless steel pressure vessel and piping have a minimum of twice the life expectancy]

### Easy Close Door and Inflatable seal:

Avoids seal damage and steam leaks typical of other systems.

### Initial and periodic training combined with detailed Operating and Maintenance Manuals.

### Built in Bin cool down System:

Avoids handling of hot bins/carts preventing exposure to workman's compensation issues. Decreases time between cycles.

### Integral bin washing system:

No more pressure washing on the dock, the VariClave has a built in bin washing system.

### Longest and Best warranty in the industry:

Ten year stainless steel pressure vessel guarantee. Five year carbon steel pressure vessel guarantee. Parts and labor free for one year. Factory, quarterly maintenance available

**OnSite Sterilization LLC  
Contract # V797P-4363B**

SIN #	ITEM #	Description	Awarded FSS Price
A-91	Model VC250	<p><b>VariClave VC250 Medical Waste On Site Treatment System<sup>®</sup> - OnSite Sterilization is proud to lead the industry by establishing a new standard for Medical Waste Autoclaves. OnSite has designed, built, and patented the most advanced technology for Medical Waste Treatment. The VariClave<sup>®</sup> was designed to exceed the most stringent regulatory requirements of the industry.</b></p> <p><b>The Variclave is the only commercial autoclave or sterilizer that has a variable cycle to meet the demands of all types of Regulated Medical Waste or Infectious Bio-hazardous Waste. A Safe and economical Steam Sterilizer / Autoclave for on site treatment of medical waste. Reduces your facilities medical waste cost to approximately 3 cents per pound!</b></p>	\$252,926.52
		1 Stainless Steel, Insulated Pressure Vessel with Stainless Steel Piping	Included
		1 Control Cabinet, UL approved, with computer, printer, data management system and patented "Variclave <sup>®</sup> Control Software Program"	Included
		4 Bins and 4 Carts (patented Material Handling Systems),One Touch System	Included
		1 Internal Bin Washing System	Included
		1 Cool Down Spray System to bring bins to touchable temperature	Included
		1 Integrated, Full Bin Scanning, Radiation Monitoring System	Included
		1 Pandemic/ Bio Terrorism Response Software Program and Initiation Switch	Included
		1 Floor Scale integrated with Control System	Included
		1 Condensing System	Included
		1 Air compressor	Included
		1 Test Kit, including a Test Spike (Test Ampoule Placement Device)	Included
A-91	VC250-INSTALL	<b>Installation of Variclave<sup>®</sup> System</b>	\$25,417.63
		Includes: Transportation; Transportation Insurance; Installation; Set-up and Validation Testing; Initial Operational and Maintenance Testing (for one installation of a single Variclave <sup>®</sup> system delivered CONUS)	

A-91	VC250-STATE	<b>Extended Mandatory State Testing</b> (where applicable)	\$4,106.67
A-91	VC250-SUMP	<b>Optional Sump Pump (Basic Unit)</b>	\$1,398.99
A-91	VC250-SPARE	<b>VariClave System® Spare Parts Kit -</b>	\$12,119.98
		Includes: 4 Bin Rollers; Door Seal; Actuator(s) Pressure Switch; Air Solenoid; Pressure Transducer; Thermocouple; Liquid Ring Vacuum Pump; Pressure Relief Valve; Door Lock Actuator; Storage Locker; Pipe Dope & Tape	
A-91	VC250-BIN-UP	<b>Upgrade from Standard Bin to High Production Bin (each)</b>	\$1,813.96
		note: Base price includes (4) Standard Bins	
A-91	VC250-BIN-STD	<b>Additional Standard Self-Dumping Cart/Bin (each)</b>	\$6,802.34
A-91	VC250-BIN-POU	<b>Additional Point of Use Cart/Bin (each)</b>	\$3,435.36
A-91	VC250-BIN-HP	<b>Additional High Production Cart/Bin (each)</b>	\$8,711.07
A-91	VC250-MWSS	<b>Optional Medical Waste Shredding System</b>	\$154,875.95
		Includes: Heavy duty single shaft WLK (10) Shredder; High Wear Tool Steel Inserts; Cart/Bin Tipper; Hopper Extension; Safety Cage and Controls; 10 ft of Discharge Auger (RMW); installation	
A-91	VC250-CDSRS	<b>Optional Confidential Document Shredding and Recovery System</b>	\$9,734.48
		Includes: Waste Discharge Diversion Valve; Cyclone; Blower; Piping; Installation (works in conjunction with VC250-MWSS, above)	
A-91	VC250-AUG10FT	<b>Additional Section of Auger, 10 ft long</b>	\$13,142.56
A-91	CL15-RGH-460-BYN-220	<b>Optional Stationary Tipper/Lifter for 95 gallon container; 110/220V single phase</b>	\$9,668.16
A-91	CL15-RGH-460-BYN-460	<b>Optional Stationary Tipper/Lifter for 95 gallon container; 230/460V three phase</b>	\$9,668.16
A-91	ALG-87248X35-208	<b>Optional High Capacity Cart Tipper/Lifter for up to 2000 pounds; 208V, three phase</b>	\$13,769.24
A-91	ALG-87248X35-230	<b>Optional High Capacity Cart Tipper/Lifter for up to 2000 pounds; 230V, three phase</b>	\$13,769.24
A-91	ALG-87248X35-460	<b>Optional High Capacity Cart Tipper/Lifter for up to 2000 pounds; 460V, three phase</b>	\$13,769.24
A-91	Model VC250CS5X8	<b>VariClave® Carbon Steel System 5' dia. x 8' lg. (2 bin capacity, not included) ~900 lbs per cycle</b>	\$145,385.68
		1 Carbon Steel, Insulated Pressure Vessel with Carbon Steel Piping	Included

		1 UL approved Control Cabinet with PLC, patented "VariClave Control Software Program, cycle data printer	Included
		1 10hp, ~240cfm Liquid Ring Vacuum Pump	Included
		1 Cool Down Spray System to bring bins to touchable temperature	
		1 Pandemic/ Bio Terrorism Response Software Program and Initiation Switch	Included
		1 Bin tracks or rails (per cart/bin selection)	Included
		1 Test Kit, including Test Spike (Test Ampoule Placement Device)	Included
		1 Floor Scale integrated with the Control System	Included
A-91	Model VC250CS5X12	<b>VariClave® Carbon Steel System 5' dia. x 12' lg. (3 bin capacity, not included) ~1350 lbs per cycle.</b>	\$149,747.24
		1 Carbon Steel, Insulated Pressure Vessel with Carbon Steel Piping	Included
		1 UL approved Control Cabinet with PLC, patented "VariClave Control Software Program, cycle data printer	Included
		1 10hp, ~240cfm Liquid Ring Vacuum Pump	Included
		1 Cool Down Spray System to bring bins to touchable temperature	Included
		1 Pandemic/ Bio Terrorism Response Software Program and Initiation Switch	Included
		1 Bin tracks or rails (per cart/bin selection)	Included
		1 Test Kit, including Test Spike (Test Ampoule Placement Device)	Included
		1 Floor Scale integrated with the Control System	Included
A-91	Model VC250CS6X8	<b>VariClave® Carbon Steel System 6' dia. x 8' lg. (2 bin capacity, not included) ~1300 lbs per cycle.</b>	\$148,744.11
		1 Carbon Steel, Insulated Pressure Vessel with Carbon Steel Piping	Included
		1 UL approved Control Cabinet with PLC, patented "VariClave Control Software Program, cycle data printer	Included
		1 10hp, ~240cfm Liquid Ring Vacuum Pump	Included
		1 Cool Down Spray System to bring bins to touchable temperature	Included
		1 Pandemic/ Bio Terrorism Response Software Program and Initiation Switch	Included
		1 Bin tracks or rails (per cart/bin selection)	Included
		1 Test Kit, including Test Spike (Test Ampoule Placement Device)	Included
		1 Floor Scale integrated with the Control System	Included
A-91	Model VC250CS6X12	<b>VariClave® Carbon Steel System 6' dia. x 12' lg. (3 bin capacity, not included)~1950 per cycle.</b>	\$154,202.11
		1 Carbon Steel, Insulated Pressure Vessel with Carbon Steel Piping	Included
		1 UL approved Control Cabinet with PLC, patented "VariClave Control Software Program, cycle data printer	Included
		1 10hp, ~240cfm Liquid Ring Vacuum Pump	Included
		1 Cool Down Spray System to bring bins to touchable temperature	Included
		1 Pandemic/ Bio Terrorism Response Software Program and Initiation Switch	Included
		1 Bin tracks or rails (per cart/bin selection)	Included
		1 Test Kit, including Test Spike (Test Ampoule Placement Device)	Included
		1 Floor Scale integrated with the Control System	Included

A-91	VC250CS-WS	<b>Optional Internal Bin Washing System</b>	\$1,513.57
A-91	VC250CS-RM	<b>Optional Integrated, Full Bin Scanning, Radiation Monitoring System</b>	\$5,276.65
A-91	VC250CS-CS	<b>Optional Condensing System</b>	\$1,837.57
A-91	VC250CS-AC	<b>Optional Air Compressor</b>	\$1,296.02
A-91	VC250CS-ACC	<b>Optional Interior Anti-corrosion coating</b>	\$5,218.98
A-91	VC250-CS-BIN-5FT	<b>Bin Option - Super Capacity Alum. Bins for 5 foot vessel 45cuft. (forkliftable, Rollable, No Cart)</b>	\$2,314.32
A-91	VC250-CS-BIN-6FT	<b>Bin Option - Super Capacity Alum. Bins for 6 foot vessel 65cuft. (forkliftable, Rollable, No Cart)</b>	\$2,777.19
A-91	RJ250SC-30	<b>Compactor- 30 Yard Self Contained Liquid Tight Container</b>	\$25,413.53
		Includes: Remote power unit with 7'L Hydraulic lines, Key operated controls, Guides and wheels stops, 10 HP motor set up for 3 phase – 30 amps – 460 volt service, Cycon life-xtender hydraulic system(solid state circuitry eliminates all pressure and limit switches), Custom design a "P" seal on rear door, Fire hose connection, UL Listed, Total max. force: 49,500 lbs., Cycle time: 33 seconds, Ram penetration: 6", Delivered CONUS 48	
A-91	RJ250SC-34	<b>Compactor- 34 Yard Self Contained Liquid Tight Container</b>	\$25,986.42
		Includes: Remote power unit with 7'L Hydraulic lines, Key operated controls, Guides and wheels stops, 10 HP motor set up for 3 phase – 30 amps – 460 volt service, Cycon life-xtender hydraulic system(solid state circuitry eliminates all pressure and limit switches), Custom design a "P" seal on rear door, Fire hose connection, UL Listed, Total max. force: 49,500 lbs., Cycle time: 33 seconds, Ram penetration: 6", Delivered CONUS 48	
A-91	RJ250SC-Deck	<b>Compactor Option - Deck assembly: side shields (hand rails) 3 sided rear feed hopper with interlocked access gate, 12" hinged transition plate</b>	\$4,431.36
A-91	RJ250SC-Hop	<b>Compactor Option - Side feed hopper: 3 sided side feed hopper with hold to run control</b>	\$1,661.76
A-91	RJ250SC-Heat	<b>Compactor Option - Oil heater</b>	\$1,107.84
A-91	RJ250SC-RemC	<b>Compactor Option - Remote controls (13 ft.)</b>	\$271.65

**Note: Site preparation services are available from OnSite Sterilization, on a case by case basis, with prices determined by exact site requirements. Contact OnSite Sterilization for more information.**