

**WAUNAKEE COMMUNITY SCHOOL DISTRICT
BOARD OF EDUCATION FACILITY COMMITTEE MEETING**

Monday, August 3, 2020

5:00 PM

Waunakee Community School District
905 Bethel Circle
Waunakee, WI 53597

AGENDA

I. CALL TO ORDER

II. ROLL CALL

III. APPROVE AGENDA

IV. PUBLIC COMMENTS

V. CAPITAL MAINTENANCE PROJECT PROPOSALS

The purpose of this agenda item is to review capital maintenance and equipment proposals. The capital maintenance proposals are connected to the district's Fund 41, capital maintenance fund, while the equipment proposal is connected to the district's Fund 10, general fund. Deep cleaning equipment of this type cannot be funded through Fund 41. As a reminder, the Fund 41 has a balance of \$2,355,329 available in 2020-21, after including the 2020-21 tax levy that will be approved in late October. The projects already approved for 2020-21 total \$1,125,000, leaving \$1,230,329.70 in funds available. These funds are available for the projects that are being presented this evening. In addition, the reimbursement resolution passed by the School Board last October is still valid. This means that any projects approved (including the ones already approved for 2020-21, or some of the ones already approved) can be reimbursed back to the district through a bond referendum that is approved within 18 months of paying the invoices. I would recommend exercising this reimbursement resolution, and "paying back" the district's Fund 41 for as many 2020-21 projects as the School Board is comfortable with. Each of the agenda items has attachments that provide supporting detail. We will have discussion on each item at the meeting to provide more background. Please feel free to reach out to stevesummers@waunakee.k12.wi.us if you have questions before the meeting, and I can direct your questions to the appropriate person, or gather the information you are seeking. Thanks for your time.

- | | |
|---------------------------------------|----|
| A. High School Food Service Steamer | 3 |
| B. 905 Bethel Circle Building Access | 13 |
| C. HVAC System Enhancements | 16 |
| D. Plumbing Fixtures Enhancements | 20 |
| E. Equipment for Deep Cleaning System | 21 |

VI. FUTURE MEETINGS

VII. ADJOURN

“Any person who has a qualifying disability as defined by the Americans with Disabilities Act who requires assistance with access or materials should contact the Waunakee Community School District Office at 849-2000, 905 Bethel Circle Drive Waunakee, WI 53597, at least twenty-four hours prior to the commencement of the meeting so that necessary arrangements can be made to accommodate the request.”

Memo

To: Waunakee Board of Education
From: Connie Vacho
CC: Randy Guttenberg and Steve Summers
Date: July 27, 2020
Re: Purchase recommendation of new Steamer unit for the High School

Comments: Attached are (3) quotes for the purchase of a new steamer for the High School.

The current steamer at the High School is 20+ years old. It was actually moved from the old Intermediate School kitchen 4 years ago. We have had multiple issues of the current steamer throughout the past year; spending \$2,275.92 in repairs. Those repairs did not completely fix the issues that we've experienced, which at this time is that the unit shuts off while being used. We've been told by ASC1, our service vendor, that parts for this unit are no longer being produced and therefore is not repairable.

Attached are (3) quotes for a replacement steamer unit, which is what we currently have at the High School. I'm proposing that we go with a Cleveland brand, which is a leader in the industry of steamers and has a life expectancy of 15+ years, when maintained properly. With the purchase, it will include a warranty of 1 year parts and labor; a 24-month extended warranty from installation, plus a 5 year prorated parts warranty on boilers and steam generators, as well as a 3 year convection steamer door warranty. I feel it would be in the best interest of the district to purchase this piece of equipment with the mindset that it could be interchangeable (moved) into another kitchen, if it was ever needed to be.

Vendor Information	Total Cost of Dual Combi-Oven
Kavanaugh Restaurant Supply	\$14,637.73
Kessenich's, Ltd.	\$15,437.88
Fein Brothers	\$17,875.45

I would recommend Kavanaugh's bid of \$14,637.73 for the steamer unit

Thank you so much for your time and consideration to this project.



Quote


07/15/2020

To:
 Waunakee Community School
 District
 Connie Vacho
 301 Community Drive
 Waunakee, WI 53597

Project:
 Waunakee HS Steamer

From:
 Kavanaugh Restaurant Supply
 Kristi Kavanaugh
 2920 Bryant Road
 Madison, WI 53713-3004
 608-271-8514
 608-271-8514 (Contact)

Job Reference Number: 13509

Item	Qty	Description	Sell	Sell Total
2	1 ea	CONVECTION STEAMER, GAS  Cleveland Range Model No. 24CGA10 Steamcraft® Ultra 10 Convection Steamer, pressureless, gas, 2 compartments, (5) 12 x 20 x 2 1/2 pans/compartiment capacity, manual controls, 60-minute mechanical timer & manual (continuous steaming) bypass switch, left-hand hinged door, controls on right, steam shut-off switch, electronic spark ignition, 1 standard treated & tap water connection, stainless steel construction, 6" adjustable legs with flanged feet, 125,000 BTU	\$14,142.78	\$14,142.78
	1 ea	1-year parts & labor warranty, standard		
	1 ea	Extended warranty, not to exceed 24 months from date of installation (for K-12 schools only)		
	1 ea	5 year pro-rated parts warranty on boilers & steam generators		
	1 ea	3 year Convection Steamer Door Warranty, standard		
	1 ea	Performance start-up included at customer request after equipment is installed (Free Water Quality Check included) (contact Cleveland Sales Representative for details)		
	1 ea	WBT-QT11-CR Optipure Water Treatment System, dual-cartridge, reduces sediments over 0.5 microns, reduces chlorine, includes (1) CTOS-Q10 Catalytic Carbon Filter & (1) CTOS-QCR activated carbon filter	\$302.93	\$302.93
	1 ea	Second year limited warranty on water related parts only when purchasing a steamer and filter from Cleveland. Must include a completed Performance Start-Up (See Cleveland warranty statement for details)		
	1 ea	Natural Gas		
	1 ea	(VOS115) 120v/60/1-ph, 2.0 amps, 2-wire (DO NOT connect to GFI outlet)		
	1 cs	DISSOLVE (PN 106174) Descaling Solution, (6) one-gallon containers with quart markings	\$192.02	\$192.02
Total				\$14,637.73

Prices are good for 30 days.
 Prices do not include tax or shipping unless stated.
 Equipment covered by factory warranty only unless otherwise stated.
 Additional warranties available on some items.
 Installation is not included unless stated.
 No plumbing or electrical hook-up included unless stated.
 ALL PRICING MAY BE SUBJECT TO TARIFF FEES PUT IN PLACE BY THE US GOVERNMENT. THESE FEES COULD BE AS MUCH AS 25%

NOTICE OF LIEN; As required by the Wisconsin Construction Lien Law, Seller hereby notifies Buyer that persons or companies furnishing labor or materials for the construction on Buyer's land may have lien rights on Buyer's land and building if not paid. Those entitled to lien rights, in addition to the undersigned Seller, are those who contract directly with the Buyer or those who give the Buyer notice within 60 days after they first furnish labor or materials for the construction. Accordingly Buyer probably will receive notices from those who furnish labor or materials for the construction, and should give a copy of each notice to his Mortgage lender, if any. Seller agrees to cooperate fully with the Buyer and his Lender, if any, to see that all potential lien claimants are duly paid.

Terms: 50% Deposit due with signed purchase order.
 Balance due on delivery.
 Orders paid by Credit Card are subject to a 3% Convenience Fee
 Late Accounts subject to finance charge of 18% annually.
 All merchandise remains the property of Kavanaugh Restaurant Supply, inc until paid in Full. Buyer agrees to pay all costs of collection including but not limited attorney fees.
 U.C.C to be filed if account becomes past due.

DATE: _____
 PERSONAL GUARANTEE OF BUYER
 BUYER: _____

_____ please print name
 RESIDENCE ADDRESS: _____

PHONE: _____
 DEPOSIT RECEIVED:
 CHECK NO. _____
 AMOUNT _____

Acceptance: _____ Date: _____
 Printed Name: _____



SteamCraft® Ultra 10

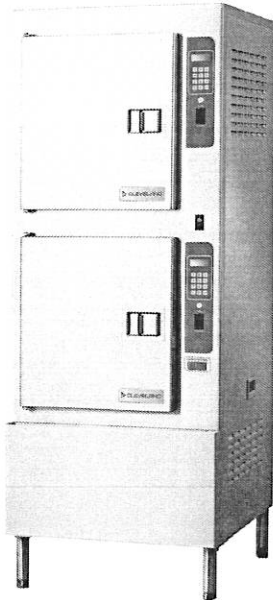
TWO COMPARTMENT FLOOR MODEL DESIGN PRESSURELESS
CONVECTION STEAMER GAS STEAM GENERATORS, 125M BTU

Project _____
Item _____
Quantity _____
FCSI Section 11400 _____
Approved _____
Date _____

SteamCraft® Generator Style High Speed Convection Steamers

Models

- 24-CGA-10



Shown with optional
Electronic Timer

Standard Features

- Cooking Capacity for up to ten 12" x 20" x 2 1/2" deep Cafeteria Pans, five each compartment.
- Innovative PowerPak Gas Steam Generator: Unique 125,000 BTU, 80% efficient Vertical Atmospheric Generator Design, only uses 75M BTU when one compartment is used. Strong 14 Gauge Stainless Steel Construction. Large 7.5 gallon generator reservoir for high speed cooking production. Fully insulated rear mounted steam generator.
- Easy Access Cleaning Port: Generator Cleaning Port located on the outside, top of the unit.
- Instant Steam Stand By Mode: Hold generator at a steaming temperature. Allows unit to start cooking instantly.
- Durable 14 Gauge, 304 Stainless Steel Construction: For compartment door, cavity and steam generator.
- Two 60 Minute Electro-Mechanical Timers and Switches for manual operation: Audible signal for cooking time completion. (MCS)
- Main Power On/Off Switch: Automatically fills generator with water, then ignites gas burners via a fully automatic Electronic Spark Ignition (pilotless) to start generator.
- Exclusive Steam Cooking Distribution System: Exclusive Brass Steam Jets produce a high velocity convection steam without fans. Coved Corner design in cooking compartment distributes heat evenly, and is easy to keep clean. Creased top & bottom enhance drainage. Cold Water Condenser for each compartment maintains a dry steam. Fully insulated cooking compartment for thermal efficiency. Removable Stainless Steel Slide Racks.
- Automatic Generator Drain: Contains a "Water Jet" Spray Rinse Drain Cleaning Cycle to keep drain clear.
- Exclusive Automatic Probe for Water Level Control: Separate from the generator for easy access, contains a high velocity rinse cycle to eliminate mineral buildup.
- Exclusive "Cool to the Touch" Two-Piece Compartment Door Design: Free floating inner door with reversible gasket provides an air tight seal. Stainless Steel Slam/Latch Door Latch mechanism for reliability.
- Condensate Drip Trough: Provide under lower compartment door to collect condensate.
- Left Hand Door Hinging: Compartment Doors hinged on the left, controls on the right.
- NSF Certified 6" Stainless Steel Legs with adjustable flanged feet for a one inch level adjustment.
- SCS Steam Cut off switch standard.

Short Form Specifications

Shall be CLEVELAND, SteamCraft® Ultra 10, two compartments, Floor Model Steamer, Model 24-CGA-10, single, large capacity Gas-fired Atmospheric Steam Generator, 125M BTU input. Remote Probe Type Water Level Controls. Steam Generator with Automatic Water Fill on start up, Automatic Generator Blowdown, Electronic Spark Ignition and Generator Stand-by for instant steam. Choice of Compartment Controls, Manual By Pass Operation Mode, Exclusive Cold Water Condenser design, Type 430 Stainless Steel exterior and cooking compartments.

Options & Accessories

- Right hand Door Hinging, Controls on the Right (DHR)
- Electronic Timer with Compensating Load Feature (ETC)
- Dissolve® liquid descaling kit. USDA and FDA approved (10617413)
- Cafeteria Pans in depths of 1", 2 1/2" and 4"
- Propane Gas (PG)

KE004046-21

18301 St. Clair Street
Cleveland, OH 44110

Tel 1.216.481.4900
Fax 1.216.481.3782
Email steam@clevelandrange.com

www.clevelandrange.com
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SteamCraft® Generator Style High Speed Convection Steamers

COMPARTMENT HAS CAPACITY FOR:

- Five, 12" x 20" x 2 1/2" deep Cafeteria Pans

WATER QUALITY REQUIREMENTS (Boilers, Generators)

TTDS:	50-250 ppm
Hardness:	50 - 200 mm (3 - 12 gpg)
pH value:	7.0 - 8.5
CL (Chloride):	max 50 ppm
Cl2 (free chlorine):	max 0.1 ppm
SiO2 (silica):	max 13 ppm
NH2Cl: (mono-chloramine)	max 0.1 ppm
Total Alkalinity:	50 - 100 ppm
Water Pressure	35 - 80 PSI
Temperature:	max 104°F

SHIPPING WEIGHTS & DIMENSIONS

Weight	Width	Depth	Height
540 lbs	49"	41"	78"

TOTAL CAPACITY (2 Compartments)	UTILITY CONNECTIONS		
10 - 12" x 20" x 2 1/2" Cafeteria Pans or 20 - 12" x 20" x 1" Cafeteria Pans or 6 - 12" x 20" x 4" Cafeteria Pans	(A) Electrical Supply (B) Cold Water Supply for Condenser 3/8" Dia. NPT (C) Cold Water Supply for Generator and Water Injection. 3/8" Dia. NPT (for water treatment conn.) Unit comes with a 50 Mesh Water Strainer (installation required)	(D) Drain: 1.50" Dia. (E) Inlet for Generator Deliming Solution (F) Gas Supply .75" Dia.	(G) Flue Gas Exhaust from Boiler (H) Flue Diverter (if required)

GAS	ELECTRIC	COLD WATER	DRAINAGE	CLEARANCE																
75,000 BTU - 1 Compartment, 125,000 BTU - 2 Compartments <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">SUPPLY PRESSURE</th> </tr> <tr> <td>NATURAL</td> <td>PROPANE</td> </tr> <tr> <td>4.00" W.C. minimum</td> <td>12.00" W.C. minimum</td> </tr> <tr> <td>14.00" W.C. maximum</td> <td>14.00" W.C. maximum</td> </tr> </table> Manufacturer must be notified if unit will be used above 2,000 ft. altitude.	SUPPLY PRESSURE		NATURAL	PROPANE	4.00" W.C. minimum	12.00" W.C. minimum	14.00" W.C. maximum	14.00" W.C. maximum	1 Fan & Controls, 1 Phase <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Volts</th> <th>Watts</th> <th>Amps</th> <th>Wire</th> </tr> <tr> <td>120</td> <td>200</td> <td>2.0</td> <td>2</td> </tr> </table> ** Do not connect to GFI outlet. See note below.	Volts	Watts	Amps	Wire	120	200	2.0	2	35 psi minimum 60 psi maximum 1/2" Dia. NPT for Generator (for water treatment connection) 3/8" Dia. NPT for Condenser	1 1/2" dia. Do not connect other units to this drain Drain must not be located beneath the steamer itself. Preferred floor drain location should be a minimum distance (from the unit) of at least 12" from the left side, 12" from the right side, 6" from the front and 6" from the rear Do not use PVC pipe	Right - 3", Left - 3", Rear - 3" (12" on control side if adjoining wall or equipment is over 30" high for service access) Contact factory for variances to clearances.
SUPPLY PRESSURE																				
NATURAL	PROPANE																			
4.00" W.C. minimum	12.00" W.C. minimum																			
14.00" W.C. maximum	14.00" W.C. maximum																			
Volts	Watts	Amps	Wire																	
120	200	2.0	2																	

NOTES:
 **DO NOT CONNECT TO GFI OUTLET. CLEVELAND RANGE RECOMMENDS GAS FIRED 120 VOLT STEAMERS BE HARD WIRED DIRECTLY TO ELECTRICAL SYSTEM.
 Cleveland Range reserves right of design improvement or modification, as warranted.
 Many regional, state and local codes exist and it is the responsibility of the owner and installer to comply with the codes.
 Cleveland Range equipment is built to comply with applicable standards for manufacturers. Included among those approval agencies are U.L./NSF#4 and CSA (AGA, CGA).

18301 St. Clair Street
Cleveland, OH 44110

Tel 1.216.481.4900
Fax 1.216.481.3782
Email steam@clevelandrange.com

www.clevelandrange.com
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Kessenich's



Quote


07/16/2020

To:
 Waunakee Community Schools
 Connie Vacho
 301 Community Drive
 Waunakee, WI 53597
 608-628-6035 (Contact)

Project:
 Waunakee High School - Cleveland
 Steamer
 301 Community Drive
 Waunakee, WI 53597

From:
 Kessenich's Ltd
 Ron Zeh
 3226 Progress Road
 Madison, WI 53716
 608-249-5391

Job Reference Number: 61799

Item	Qty	Description	Sell	Sell Total
1	1 ea	CONVECTION STEAMER, GAS  Cleveland Range Model No. 24CGA10 Steamcraft® Ultra 10 Convection Steamer, pressureless, gas, 2 compartments, (5) 12 x 20 x 2 1/2 pans/compartment capacity, manual controls, 60-minute mechanical timer & manual (continuous steaming) bypass switch, left-hand hinged door, controls on right, steam shut-off switch, electronic spark ignition, 1 standard treated & tap water connection, stainless steel construction, 6" adjustable legs with flanged feet, 125,000 BTU	\$15,437.88	\$15,437.88
	1 ea	1-year parts & labor warranty, standard		
	1 ea	Extended warranty, not to exceed 24 months from date of installation (for K-12 schools only)		
	1 ea	5 year pro-rated parts warranty on boilers & steam generators		
	1 ea	3 year Convection Steamer Door Warranty, standard		
	1 ea	Performance start-up included at customer request after equipment is installed (Free Water Quality Check included) (contact Cleveland Sales Representative for details)		
	1 ea	WBT-QT11-CR Optipure Water Treatment System, dual-cartridge, reduces sediments over 0.5 microns, reduces chlorine, includes (1) CTOS-Q10 Catalytic Carbon Filter & (1) CTOS-QCR activated carbon filter		
	1 ea	Second year limited warranty on water related parts only when purchasing a steamer and filter from Cleveland. Must include a completed Performance Start-Up (See Cleveland warranty statement for details)		
	1 ea	Natural Gas		
	1 ea	(VOS115) 120v/60/1-ph, 2.0 amps, 2-wire (DO NOT connect to GFI outlet)		
	1 cs	DISSOLVE (PN 106174) Descaling Solution, (6) one-gallon containers with quart markings		
			ITEM TOTAL:	\$15,437.88
2		FREIGHT Free Freight		

Total \$15,437.88

These prices do not include shipping or sales tax unless otherwise noted.
Unless noted otherwise, quotes are good for 30 days.

Order & Return Policy: Stock products may be returned unused and undamaged, in saleable condition with original packaging within 60 days from purchase for full credit. Non-stock/Special orders require signature and full payment (including freight and taxes) at time of order. Special order items returned unused and undamaged within 30 days from date of purchase will be charged a 30% restock fee plus return freight. Refunds will be available after Kessenich's receives the manufacturer's credit. Items not claimed within 6 months will be charged all manufacturer's restock fees. Custom-made products require signature and full payment (including freight and taxes) at time of order. Items are not returnable or refundable. Contact Kessenich's Ltd for full terms and conditions.

Services are available that include uncrating, unboxing, assembling, delivering and setting in spot of all equipment at owner's location by Kessenich's personnel. Please contact your Kessenich's salesperson for a quote. All plumbing, electrical and other installation work to be done by appropriate trades and are owners responsibility.

Acceptance: _____ Date: _____

Printed Name: _____

Project Grand Total: \$15,437.88



Quote

07/27/2020


Project:
Waunakee HS Steamer

From:
Fein Brothers
Alexandra Stalker
2007 N. King Dr. 3rd Street
Milwaukee, WI 53212-3152
414-562-0220
414-562-0220 (Contact)

Job Reference Number: 9768

All pricing is valid for 30 days!

Item	Qty	Description	Sell	Sell Total
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1	1 ea	CONVECTION STEAMER, GAS	\$17,280.95	\$17,280.95
		 <p>Cleveland Range Model No. 24CGA10 Steamcraft® Ultra 10 Convection Steamer, pressureless, gas, 2 compartments, (5) 12 x 20 x 2 1/2 pans/compartiment capacity, manual controls, 60-minute mechanical timer & manual (continuous steaming) bypass switch, left-hand hinged door, controls on right, steam shut-off switch, electronic spark ignition, 1 standard treated & tap water connection, stainless steel construction, 6" adjustable legs with flanged feet, 125,000 BTU</p>		
	1 ea	1-year parts & labor warranty, standard		
	1 ea	Extended warranty, not to exceed 24 months from date of installation (for K-12 schools only)		
	1 ea	5 year pro-rated parts warranty on boilers & steam generators		
	1 ea	3 year Convection Steamer Door Warranty, standard		
	1 ea	Performance start-up included at customer request after equipment is installed (Free Water Quality Check included) (contact Cleveland Sales Representative for details)		
	1 ea	WBT-QT11-CR Optipure Water Treatment System, dual-cartridge, reduces sediments over 0.5 microns, reduces chlorine, includes (1) CTOS-Q10 Catalytic Carbon Filter & (1) CTOS-QCR activated carbon filter	\$359.87	\$359.87
	1 ea	Second year limited warranty on water related parts only when purchasing a steamer and filter from Cleveland. Must include a completed Performance Start-Up (See Cleveland warranty statement for details)		
	1 ea	Natural Gas		
	1 ea	(VOS115) 120v/60/1-ph, 2.0 amps, 2-wire (DO NOT connect to GFI outlet)		
	1 cs	DISSOLVE (PN 106174) Descaling Solution, (6) one-gallon containers with quart markings	\$234.63	\$234.63
			ITEM TOTAL:	\$17,875.45
			Subtotal	\$17,875.45
			Total	\$17,875.45

Project Terms & Conditions

1. Prices are based on information available at the time. If the plans are modified or any items are added or deleted, the price must be recalculated.
2. Purchase orders, signed contract and deposits where required must be received prior to start of work.
3. All invoices are net 30 days unless otherwise noted. Payment terms are subject to review of credit references and D & B reports.
4. Deposits may be required. Interest at the rate of 18% per annum will be charged on all past due balances.
5. Installation, where quoted, does not include final connections unless otherwise noted.
6. Return Policy: Goods which are accepted for return as an accommodation to the purchaser must be shipped in the original carton, freight prepaid, and received in good condition. Such goods are subject to restocking charges and refurbishing costs.
7. Cords and plugs are not furnished with electrical equipment and are the responsibility of the General Contractor or the Owner.
8. In wall blocking and ceiling structural supports are always by others.
9. Equipment supplied by Fein Brothers carries the standard manufacturer's warranty. Service labor is not included unless specifically stated in the manufacturers printed warranty. All warranty work is to be performed by authorized service agencies.
10. Delays: Fein brothers will attempt to meet any delivery dates specified, but in no event will Fein Brothers be responsible for any delays caused by the manufacturer or other subcontractors.
11. All discrepancies, shortages, overages, and damages for product received by the owner must be... (A) Noted on the bill of lading and (B) reported to Fein Brothers within 24 hours of receipt of materials. Claims made after 24 hours may still be resolved by Fein Brothers but costs to resolve the claim will be the responsibility of the owner. In addition equipment with freight damage must have the claim filed before the equipment is moved from the receiving location.
12. Prices on this quote are guaranteed for 15 days, unless otherwise noted.
13. All items shipped FOB Factory unless otherwise noted. Necessary lift gate, inside delivery and any other additional services will appear on the final billing.
14. Production for certain items is dependent upon receipt of approved drawings, final field dimensions and receipt of any customer furnished items.
15. All credit card sales are subject to a 3% transaction fee.

Any additional tax, freight, delivery, installation, shop supplies or disposal fees will be added to the final invoice. The above total sell price does not include plumbing, wiring, or carpentry unless specifically noted otherwise.

Acceptance: _____ Date: _____

Printed Name: _____

Project Grand Total: \$17,875.45



June 17, 2020

WCSD District Office
905 Bethel Cir
Waunakee, WI 53597

Waunakee District Office Access Control

Thank you for considering Globalcom Technologies to submit a proposal for the following work.

Scope of Work:

- **Base Bid:** Add the District Office to the existing RS2 Access Control System.
- Access control system will consist of the following doors:
 - Door 3 will consist of a card reader, electric strike, and a door position switch.
 - The Main Entrance will consist of a card reader, panic bar, electric strike, and a door position switch.
 - The Reception Door will consist of a card reader, electric strike, and a door position switch.
 - The Board Room Door will consist of a card reader, electric strike, and a door position switch.
 - The Supply Closet will consist of a card reader, power transfer, electric strike, and a door position switch.
- Provide and install new access control cable from the RS2 panel to the proposed doors.
- Furnish and install (1) access control panel and (1) power supply with fused outputs.
 - Provide 120VAC power for access control panel.
- Terminate, program, and test doors.
- Locations will be identified and site verified before installation per customer requirements.
- J-hook installation to establish compliant cable pathway & routing within the free air space of the facility.
- Cable and conduit penetrations will be fire stopped according to applicable smoke wall/floor ratings.
- Computer generated labels will be supplied at each end of cable locations.

- **Option #1:** Add the Data Closet Door to the access control system.
 - The door will consist of a card reader, electric strike, and a door position switch.
- **Option #2:** Add Door 2 to the access control system.
 - The door will consist of a card reader, power transfer, electric strike, and a door position switch.

Our proposal is based on the following assumptions:

- Proposed labor is based on work performed during normal construction/business hours.

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

Base Bid	\$16,065.00
Option #1	\$2,125.00
Option #2	\$2,345.00
Total	\$20,535.00

**WI Sales Tax not included in the above pricing*

We appreciate the opportunity to submit a proposal on this project, and look forward to discussing with you further. Please feel free to contact us with any questions regarding this proposal.

Sincerely,

Nick Skaife
Globalcom Technologies
Security Engineer
Office 608.216.9572
nicks@gctech.us

Globalcom Technologies adheres to the following standards:

NFPA	Article 70 NEC
EIA/TIA-568-C.0	Generic Telecommunications Cabling For Customer Premises
EIA/TIA-568-C.1	Commercial Building Telecommunications Cabling Standards
EIA/TIA-568-C.2	Balanced Twisted-Pair Telecommunications Cabling & Component Standards
EIA/TIA-568-C.3	Optical Fiber Cabling Components Standard
EIA/TIA-569	Pathways and Spaces Standard
EIA/TIA-606	Administration Standard
EIA/TIA-607	Grounding and Bonding Standard

Terms & Conditions:

- The scope of work is based on our knowledge of the current requirements and project goals.
- The fees stated in this engagement will be honored for 30 days from the date of this proposal, except copper materials which are subject to adjustment per market price changes.
- The fees do not include applicable sales tax and/or shipping charges.
- Fees and expenses will be billed as incurred.
- A Change Order for work that is outside the agreed-upon scope of this proposal will require authorization to proceed.
- Payment of our progress billing is expected within 30 days after invoice date.

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

If the above terms are acceptable to you and the services outlined are in accordance with your needs, please sign the original of this proposal letter and return it to us.

PO# _____ Amount \$ _____

Approved By: _____ Contact Number: _____

Signature: _____ **Date:** _____

Billing Address:

Company Name (if different than above)

Contact Name and Telephone Number

Address

City, State, Zip

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER



Global Plasma Solutions Virtually Eliminates Static SARS-CoV-2 with Proprietary NPBI™ Technology

Global Plasma Solutions is the first air purification solution to test SARS-CoV-2, achieving a 99.4% reduction of the surface strain within 30 minutes

June 10, 2020 02:30 PM Eastern Daylight Time

CHARLOTTE, N.C.--(BUSINESS WIRE)--Global Plasma Solutions, the leader in Indoor Air Quality, announced today industry-leading ionization testing results, demonstrating a 99.4% reduction rate on a SARS-CoV-2 (COVID-19) surface strain within 30 minutes, the first instance in which an air purification company has effectively neutralized SARS-CoV-2. Following initial testing of coronavirus 229E in March 2020, Global Plasma Solutions utilized its proprietary needlepoint bipolar ionization to inactivate SARS-CoV-2. The study was jointly executed with Aviation Clean Air.

In this laboratory study, Aviation Clean Air designed a test to mimic ionization conditions like that of a commercial aircraft's fuselage. Based on viral titrations, it was determined that at 10 minutes, 84.2% of the virus was inactivated. At 15 minutes, 92.6% of the virus was inactivated, and at 30 minutes, 99.4% of the virus was inactivated.

"The testing results we achieved through our proprietary needlepoint bipolar ionization technology clearly demonstrate that Global Plasma Solutions is the gold standard in air purification," said Global Plasma Solutions Founder and Chief Technology Officer, Charles Waddell. "For any kind of facility from commercial buildings to aircrafts, delivering the cleanest, safest indoor air environment will only become increasingly more important, and our ozone-free technology is one of the most sophisticated products on the market."

Understanding needlepoint bipolar ionization

Needlepoint bipolar ionization works to safely clean indoor air, leveraging an electronic charge to create a high concentration of positive and negative ions. These ions travel through the air continuously seeking out and attaching to particles. This sets in motion a continuous pattern of particle combination. As these particles become larger, they are eliminated from the air more rapidly.

Additionally, positive and negative ions have microbicidal effects on pathogens, ultimately reducing the infectivity of the virus. Global Plasma Solutions' needlepoint bipolar ionization is ozone-free and the only kind in its category to pass the RCTA DO-160 standard for aircraft. Traditional bipolar ionization systems produce harmful ozone as a byproduct.

About Global Plasma Solutions

Global Plasma Solutions (GPS) is the leader in Indoor Air Quality, with over 30 patents and more than 150,000 installations worldwide using our needlepoint bipolar ionization (NPBI) technology to deliver clean indoor air that is safe and healthy – producing neither ozone nor other harmful by-products. All of our NPBI products are UL and CE certified and registered and use NPBI to purify the air by eliminating airborne particulates, odors and pathogens. GPS was founded in 2008 and is headquartered in Charlotte, North Carolina.

Contacts

Kevin Boyle

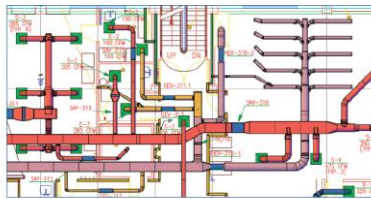
kevin.boyle@globalplasmasolutions.com

(980) 214 2021



THE GPS ADVANTAGE

	GPS NPBI	Other BPI	CORONA DISCHARGE	HEPA FILTERS	CARBON B	ULTRAVIOLET (UV)	UV-PCO
Produces Harmful Byproducts	None	Yes	Yes	No	No	Yes	No
Reduces Airborn Particles	Yes	Yes	Yes	Yes	No	No	No
Destroys VOCs	Yes	Yes	Yes	No	Captures	No	Yes
Kills Pathogens	Yes	Yes	Yes	No	Captures	Yes	Yes
Reduces Energy Cost	30%	Yes	Yes	No	No	No	No
UL 2998 No-Ozone Certified	Yes	No	No	N/A	N/A	N.A	N/A
Treats In-Room Air	Yes	Yes	Yes	No	No	No	No
No Replacement Parts	Yes	No	No	No	No	No	No
Auto-Cleaning	Yes	No	No	No	No	No	No
Simple to Install	Yes	No	No	No	No	No	No
Low Total Cost	Yes	Yes	No	No	No	No	No



Waunakee Community School District

July 23, 2020

Waunakee Community School District
905 Bethel Circle
Waunakee, WI 53597

Thank you for the opportunity to provide a proposal for installation of a GPS Ionization system for the Waunakee Community School District. The project pricing below includes providing and mounting the GPS Ionization System at the High School air handling units as indicated.

The system operates within your existing HVAC equipment and assists with breaking down odors, contaminants, and some viruses and bacteria as shown in the vendor information previously provided. It is important to note that while these systems are designed to help provide a cleaner indoor environment, installation does not guarantee that no one in the building will get sick. NAMI is not responsible for any specific performance or results related to eradicating COVID-19 or any other virus in your buildings.

Project Scope of Work

- Provide and install GPS Ionization System for 25 air handling units (excludes 3 make-up air units that are rarely used)
- Ionization bars will be installed at the cooling coil
- Power supplies to be installed within six (6) feet of cooling coil
 - Includes power cord from power supply to bar
- Excludes electrical power wiring to power supply.
 - Power supply can operate using 24v, 120v, or 208v

North American Mechanical, Inc will perform the above stated work for a Guaranteed Maximum Price of **\$230,000**.

Project Notes

1. Payment to be made net 30 days from invoice date.
2. Work to be performed during normal business hours.
3. Lead time depends on current stock but is typically 2-3 weeks.
4. Pricing excludes electrical. Cost of electrical work is in addition to this quote and can be contracted directly with owner or added as a subcontract.

Thank you for your consideration on this project. Should you have any questions, please feel free to contact me by phone at (608) 842-3932 or by email at prothering@naminc.com.

Sincerely,

101 School Dr. – 3 split systems: \$4,500-5,000

Bethel Admin. – 7 split systems and 1 RTU: \$13-16,000

Arboretum – 4 AHUs: \$40-50,000 (Arboretum has UV so while not the same, already does have some air quality measures in place)

Heritage – 7 AHU, 19 Fan Coils, 62 univents: \$175-200,000

Intermediate – 4 DOAS, 2 MUA, 2 HRU, 102 heat pumps: \$220-250,00

Middle School – 5 AHU, 3 split systems: \$55-60,000

Prairie – 7 AHU: \$70-80,000

Faucets Needed

345

Replacement Cost

\$172,500

AutoFlushers needed

301

Replacement Cost

\$117,390

Soap dispensers needed

345

Replacement Cost

\$34,500

Paper towel dispensers needed

115

Replacement Cost

\$17,250

Drinking fountains

147

Replacement Cost

147,000

TOTAL

\$488,640

Quantity	School	Description	\$ ea.	\$ Total	Notes
3	Prairie	Victory Electrostatic Sprayer - Handheld	\$ 799	\$ 2,397	3 week lead time
3	Arboretum	Victory Electrostatic Sprayer - Handheld	\$ 799	\$ 2,397	3 week lead time
4	Heritage	Victory Electrostatic Sprayer - Handheld	\$ 799	\$ 3,196	3 week lead time
4	Intermediate	Victory Electrostatic Sprayer - Handheld	\$ 799	\$ 3,196	3 week lead time
4	Middle	Victory Electrostatic Sprayer - Handheld	\$ 799	\$ 3,196	3 week lead time
7	HS	Victory Electrostatic Sprayer - Handheld	\$ 799	\$ 5,593	3 week lead time
				<u>\$ 19,975</u>	
5		Victory Electrostatic Sprayer - Backpack	\$ 1,999	\$ 9,995	in stock in Madison use 18 tablets per backpack (2.25 gallon) for kill rate of 4306 ppm @ 1 minute contact time
		Green Klean Chlorinated Disinfecting Tablets (120 tablet)	\$ 66		use 2 tablets per quart (.25 gallon) for kill rate of 4306 ppm @ 1 minute contact time 6.5 full backpacks per tub 60 full handhelds per tub 4 rooms per quart 240 rooms per tub

Chlorinated Disinfecting Tablets

Disinfect and Sanitize

EPA registered to kill Norovirus in 1 minute. Add 1 tablet per quart.

EPA registered to kill in 1 minute: HIV-1, Hepatitis A, Hepatitis B, Hepatitis C, Aspergillus Fumigatus. Add 2 tablets per quart.

EPA registered to kill in 4 minutes: C-diff, TB, and MRSA & GRSA. Add two tablets per quart. Use the food grade sanitizer in kitchens, or in any commercial building or facility as a mop bucket sanitizer, grout cleaner, mold and mildew stain remover, odor reduction in trash cans, garbage chutes or dumpsters, or as a general or health grade disinfectant. Reduce warehouse, storage, and weight space up to 75% and stop shipping water and sending excessive amounts of chemical plastic containers to the landfill.

The single chlorinated tablet is one of the lowest cost EPA registered sanitizers or disinfectants on the market today. For Example, 1 tablet creates 20 quarts of ready to use food grade sanitizer. (One in a 5 gallon buddy jug, three basin sink, or mop bucket). The tablet may be used to clean and sanitize or disinfect. Use it from entry to exit in restaurants, commercial buildings and long term care facilities. Leaves no residue. The neutral pH, is surface friendly on all hard surfaces and has a chlorine pool like fragrance, that tends not to irritate the respiratory system. Excellent for education facilities. Simple training because of the many one tablet applications. Significant waste reduction, associated liquid products. Creating additional cost savings.

Versatility – Use it as broad spectrum disinfectant, food grade no rinse sanitizer or odor reducer.

Benefits Of Sanitizing & Disinfecting.

- Always Accurate Measurement of PPM.
- Requires 75% Less Warehouse Storage Space.
- Easy on all surfaces – Won't harm floor finish.
- No Measuring. Simply Add Tablets As Directed.
- Ships UPS or FedEx ground.
- Won't Leave A Residue.
- Neutral pH 6.5 - 7
- Sustainable
- Low Cost



120 tablet tub



GK Tablets can be used in the E-Spray Electrostatic Sprayers.

Delivers non-acid disinfectant and cleaning performance in an economical concentrate.

See page 2 for complete list of viruses and bacteria this product is effective against.

Disinfection Mixing Directions		
PPM	Per quart	Per gallon
538 PPM	0	1
1076 PPM	0	2
2153 PPM	1	4
4306 PPM	2	8
5382 PPM	0	10

Packaging

240 tablet case
902952

Chlorinated Disinfecting Tablets

Disinfect and Sanitize

Dilution Guide

Pathogen	Minimum dose	Minimum contact time required	Pathogen	Minimum dose	Minimum contact time required
Food Contact Sanitizer Claims			Virucidal Claims		
Staphylococcus aureus	100 ppm	1 minute	Respiratory syncytial virus	538 ppm	10 minutes
Salmonella enterica	100 ppm	1 minute	Rhinovirus Type 14	1076 ppm	10 minutes
Disinfection Claims - bacteria			Influenza H1N1	538 ppm	10 minutes
Staphylococcus aureus	a) 538 ppm	10 minutes	Human Immunodeficiency Virus Type 1 (HIV-1)	a) 1076 ppm	10 minutes
	b) 4306 ppm	4 minutes	Hepatitis A virus	b) 4306 ppm	1 minute
Staphylococcus aureus – methicillin resistant (MRSA) & glycopeptide-resistant (GRSA)	a) 1076 ppm	10 minutes		a) 1076 ppm	10 minutes
	b) 4306 ppm	4 minutes	Hepatitis B virus	b) 4306 ppm	1 minute
Staphylococcus epidermidis	1076 ppm	10 minutes		a) 1076 ppm	10 minutes
Salmonella enterica	a) 538 ppm	10 minutes		b) 4306 ppm	1 minute
	b) 4306 ppm	4 minutes	Hepatitis C virus	4306 ppm	1 minute
Pseudomonas aeruginosa	a) 538 ppm	10 minutes	Avian Influenza A (H5N1)	1076 ppm	10 minutes
	b) 4306 ppm	4 minutes	Norovirus	2153 ppm	1 minute
Streptococcus pneumoniae	a) 1076 ppm	10 minutes	Poliovirus Type 1	1076 ppm	10 minutes
	b) 4306 ppm	4 minutes	Fungicidal/Yeasticidal Claims		
Escherichia coli O157-H7	1076 ppm	10 minutes	Aspergillus fumigatus	4306 ppm	1 minute
Acinetobacter baumannii	4306 ppm	4 minutes	Candida albicans	4306 ppm	4 minutes
Vancomycin resistant	a) 1076 ppm	10 minutes	Trichophyton mentogrophytes	1076 ppm	10 minutes
Enterococcus faecalis	b) 4306 ppm	4 minutes	Herpes simplex virus type 1	1076 ppm	10 minutes
Carbapenem resistant	4306 ppm	4 minutes	Clostridium difficile Claims		
Klebsiella pneumoniae	1076 ppm	10 minutes	Clostridium difficile spores	a) 2153 ppm	10 minutes
				b) 4306 ppm	4 minutes
			Mycobactericidal Claims		
			Mycobacterium bovis (TB)	5382 ppm	4 minutes

Usage Directions	Container Size	Solution PPM	Number Of Tablets	Additional Uses
E-Spray Electrostatic Equipment	Per Quart Bottle	2153 PPM 4306 PPM	1 2	Kills C-Diff. 10 mins Kills C-Diff. 4 mins
Disinfect Toilets and Urinals	Per Quart Bottle	2153 PPM	1	Kills Norovirus
Sanitize Food Service Surfaces	5 Gallon Buddy Jug	100 PPM	1	Kills Bacteria
Disinfect Senior Care Facilities Bathtubs, Showers & Hard Surfaces	Quart Spray Bottle	4306 PPM	2	Kills C. diff, MRSA/GRSA in 4 Minutes HEP A,B,C & HIV-1 In 1 Minute
Disinfect Gym Equipment & Wrestling Mats	Quart Spray Bottle	2153 PPM	1	Kills Norovirus In 1 Minute



Disinfecting Tablets

A disinfectant, sanitizer, and cleaner in one tablet. Eliminates the hazards of handling and storing liquid bleach or disinfectants. EPA registered.

Mop Buckets

1 tablet = 4 gallons



One tablet

=



=

EPA Sanitizing Solution

Sinks

1 tablet = 4 gallons



One tablet

=



=

EPA Sanitizing Solution

Spray Bottle E-Spray System

1 tablet = 1 quart



One tablet

=



=

EPA Disinfecting Solution

Spray Bottle E-Spray System

2 tablets = 1 quart



Two tablets

=



=

Kills C-Diff. in 4 minutes

More features of Disinfecting Tablets:

- Gentle on surfaces
- Near neutral pH of 6.5 to 7.5
- Delivers consistent & accurate chlorine levels with each use
- Works well with organic material
- Longer life in ready to use solution
- Ready to use solution lasts up to 7 days in closed spray bottle
- Dissolves quickly in all water temperatures
- 36 month shelf life
- 120 tablets per bottle
- Less costly to use, store & transport
- Eliminates hazard of handling and pouring liquids

Green Klean® Chlorinated Disinfecting Tablets are an EPA registered disinfectant. The versatility of the single tablet system is ideal for many hard surfaces, resulting in much healthier environments. The tablets can be used as a sanitizer at 100ppm in mop buckets with up to 4 gallons or as a disinfectant when one tablet is placed in a 32 ounce container with water. Add water in bottle first, then add tablet. This RTU solution is effective against C-Diff, Norovirus, cold and flu viruses, gram positive and negative bacteria, and much more.



SAFETY DATA SHEET


According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

Product name	Green Klean Chlorinated Disinfecting Tablets	
Product id	AS_9717BT_GK	
Revision date	29/08/2016	Revision: 2

1. Identification of the substance & the company

Chemical name	DICHLOROISOCYANURIC ACID, SODIUM SALT OF
Synonym(s)	Effervescent NaDCC Tablets, Sodium Dichloro-s-Triazinetrione
Type of product and use	Multi-purpose product including bleaching, cleaning, and deodorizing.
Supplier	SOP Green Klean 615 Industrial Dr, Ste D Cary, IL 60013 USA Phone Number 815-479-0460
Emergency Telephone	Medical: (800) 420-9236 Chemtrec: (800) 424-9300

2. Hazards identification

GHS classification	Warning Harmful if swallowed. Causes serious eye irritation. May cause respiratory irritation. Avoid breathing dust. Do not eat, drink or smoke when using this product. Use only in well-ventilated areas. Wear safety glasses with side shields (or goggles). Wear protective gloves. Wash hands thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
	
Signal Word	
Hazard statements	Store in a well-ventilated place. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children. Dispose of waste and residues in accordance with local authority requirements. None known. Contact with acids liberates toxic gas.



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Product name Green Klean Chlorinated Disinfecting Tablets
Product id AS_9717BT_GK
Revision date 29/08/2016

Revision: 2

Precautionary statements

- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
- P264 - Wash hands thoroughly after handling
- P271 - Avoid use in a confined area
- P273 - Avoid release to the environment
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P337 + P313 - If eye irritation persists: Get medical advice/attention
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P312 - Call a POISON CENTER or doctor/physician if you feel unwell
- P391 - Collect spillage
- P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
- P405 - Store locked up
- P501 - Dispose of contents/container in accordance with national and international regulations

3. Composition / information on ingredients

Components	CAS No.	Weight %
DICHLOROISOCYANURIC ACID, SODIUM SALT OF	2893-78-9	30-62.5
ADIPIC ACID	124-04-9	10-35
SODIUM BICARBONATE	144-55-8	21.44-22.76
SODIUM CARBONATE	497-19-8	2-12

4. First-aid measures

Eye contact Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin contact Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.



SAFETY DATA SHEET

According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

Product name Green Klean Chlorinated Disinfecting Tablets
Product id AS_9717BT_GK
Revision date 29/08/2016 **Revision: 2**

Ingestion Call poison control center, or doctor immediately for treatment advice.
Have person sip a glass of water if able to swallow.
Do not induce vomiting unless told to do so by the poison control center or doctor.
Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, acute or delayed

- Eye Contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Wash off with soap and water. Get medical attention if irritation develops and persists.

- Skin contact Rinse mouth. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

- Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

- Ingestion Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).

None known.

During fire, gases hazardous to health may be formed.

Note to physician Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Medical conditions aggravated by exposure



SAFETY DATA SHEET

According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

Product name Green Klean Chlorinated Disinfecting Tablets
Product id AS_9717BT_GK
Revision date 29/08/2016 **Revision: 2**

5. Fire - fighting measures

Suitable extinguishing media Large amounts of water may be needed and the flow of water should not be stopped until the fire/reaction has stopped.

Extinguishing media not to be used Avoid using dry chemicals, carbon dioxide or halogenated extinguishing agents.

Unusual fire and explosion hazards When heated to decomposition, may release poisonous and corrosive fumes of nitrogen trichloride, nitrogen, cyanogen chloride, phosgene, chlorine and CO.

Fire fighting procedure Cool containers with water spray. Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) in positive pressure mode. On small fires, use water spray or fog. On large fires, use heavy deluge or fog streams. Flooding amounts of water may be required before extinguishment can be accomplished.

6. Accidental release measures

Personal precautions Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.

Methods for cleaning up Collect spillage. Sweep up or gather material and place in appropriate container for disposal. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

Environmental precautions

- **Soil**
- **Water**
- **Air**

Mix only with water. Do not mix with other chemicals. Minimize dust generation and accumulation. Do not breathe dust. Do not get this material in contact with eyes. Do not taste or swallow. Provide adequate ventilation. Contamination with moisture, dirt, organic matter or other chemicals or any other foreign matter may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire and explosion. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Store in original tightly closed container. Keep container dry. Do not store near acids. Contact with acids liberates toxic gas. Store away from incompatible materials



SAFETY DATA SHEET

According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

Product name **Green Klean Chlorinated Disinfecting Tablets**
Product id AS_9717BT_GK
Revision date 29/08/2016

Revision: 2

7. Handling and storage

Handling Avoid contact with skin, eyes, and clothing. Upon contact with skin or eyes, wash off with water. Avoid breathing the substance. Use respiratory protection when exposure is possible. Vapour space in a closed container may contain a slight amount of chlorine gas and compounds from decomposition of the product.

Storage Store in a dry, cool (< 25°C), well ventilated area away from incompatible materials (see "materials to avoid"). Do not allow water to get into the container

8. Exposure controls / personal protection

Exposure Limits :

Components	ACGIH-TLV Data	OSHA (PEL) Data
DICHLOROISOCYANURIC ACID, SODIUM SALT OF 2893-78-9	Not determined	Not determined
ADIPIC ACID 124-04-9	5 mg/m ³	Not determined
SODIUM BICARBONATE 144-55-8	Not determined	Not determined
SODIUM CARBONATE 497-19-8	Not determined	Not determined

Ventilation requirements This material should be handled in a well-ventilated area. Use local exhaust as necessary, especially under dusty conditions.

Personal protective equipment:

- **Respiratory protection** In case of insufficient ventilation wear suitable respiratory equipment.
- **Hand protection** Chemical resistant gloves, PVC or nitrile recommended
- **Eye protection** Chemical safety goggles
- **Skin and body protection** Use protective clothing impervious to this material.

Hygiene measures Do not eat, smoke or drink where material is handled, processed or stored. Wash hands thoroughly after handling and before eating or smoking. Safety shower and eye bath should be provided.

9. Physical and chemical properties

Appearance White to off white tablets
Odor Slight chlorine.
pH 5-6 29



SAFETY DATA SHEET

According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

Product name	Green Klean Chlorinated Disinfecting Tablets	
Product id	AS_9717BT_GK	
Revision date	29/08/2016	Revision: 2
Boiling point/range	Not applicable	
Flash point	Not applicable	
Evaporation rate (ether=1)	Not applicable under standard conditions	
Flammability (solid, gas)	Not flammable	
Vapor pressure	Not applicable under standard conditions	
Vapor density	Not applicable under standard conditions	
Solubility:		
- Solubility in water	Completely miscible	
Partition coefficient (n-octanol/water)	Log Kow - 0	
Auto-ignition temperature	Not applicable	
Decomposition temperature	225-250°C (437-482°F)	

10. Stability and reactivity

Reactivity	Contact with small amounts of water may result in an exothermic reaction with the liberation of toxic fumes.
Stability	Stable under normal conditions
Possibility of hazardous reactions	Contact with acid liberates toxic gases. If heated by outside source to temperatures above 240°C (464°F), this product will undergo decomposition with the evolution of noxious gases.
Conditions to avoid	Heating above decomposition temperature. Contamination with moisture, organic matter or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible generation of fire and explosion.
Materials to avoid	Strong acids and/or alkalines. Reducing agents. Combustible material. The active ingredient in this preparation is a strong oxidising agent. The preparation of concentrated solutions or slurries is not recommended. Avoid contact with water on concentrated material in the container. Also avoid contact with easily oxidisable organic material: ammonia, urea or similar nitrogen containing compounds; inorganic reducing compounds; floor sweeping compounds; calcium hypochlorite and alkalis.
Hazardous decomposition products	Nitrogen trichloride, nitrogen, cyanogen chloride, phosgene, chlorine and CO.

11. Toxicological information

Note:	<i>The toxicological data refer only to the active ingredient unless otherwise specified</i>
Acute toxicity:	
- Rat oral LD50	>2000 mg/kg (the product as a whole)



SAFETY DATA SHEET

According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

Product name	Green Klean Chlorinated Disinfecting Tablets	
Product id	AS_9717BT_GK	
Revision date	29/08/2016	Revision: 2
<hr/>		
- Rabbit dermal LD50	>5000 mg/kg	
- Rat inhalation LC50	0.27-1.17 mg/L/4h	
- Dermal irritation (rabbit)	Moderate irritant	
- Eye irritation (rabbit)	Severe irritant	
Dermal sensitization	Not a sensitizer	
Chronic toxicity	Chronic inhalation exposure may cause impairment of lung function and permanent lung damage. Based on animal studies, exposure to concentrations of monosodium cyanurate at the solubility limit may cause cardiovascular, kidney and urinary bladder effects.	
Mutagenicity	Not mutagenic by the Ames Test.	
Carcinogenicity	Not known to be a carcinogen. Not classified by IARC, OSHA, EPA. Not included in NTP 13th Report on Carcinogens	
Reproductive toxicity	No data available	

12. Ecological information

Note: The environmental toxicity data mentioned below are from studies conducted on the active ingredient.

Aquatic toxicity :

- 96 Hour-LC50, Fish	0.13-0.36 mg/l (Rainbow trout) 0.25-1.0 mg/l (Bluegill sunfish) 1.21 mg/l (Inland silverside)
- 96 Hour-EC50, Marine Invertebrate	1.65 mg/l (96h, Mysid shrimp)
- 48 Hour-EC50, Marine Invertebrate	0.196 mg/l (Water flea)
Avian toxicity:	
- Oral LD50, Bobwhite quail	1732 mg/kg
- Oral LD50, Mallard duck	1916 mg/kg
- Dietary LC50, Mallard duck	>10,000 ppm
- Dietary LC50, Bobwhite quail	10,000 ppm



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According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

Product name Green Klean Chlorinated Disinfecting Tablets
Product id AS_9717BT_GK
Revision date 29/08/2016 **Revision: 2**

Persistence and degradability The materials used in this preparation will not persist in the environment. The free available chlorine from Sodium dishloroisocyanurate is rapidly consumed by reaction with organic and inorganic materials to produce chloride ion. The stable degradation products are chloride ion and cyanuric acid. Sodium Dichloroisocyanurate is subject to hydrolysis. Cyanuric acid produces by hydrolysis is biodegradable.

Bioaccumulative potential Trichloroisocyanuric acid hydrolyses in water liberating chlorine and cyanuric acid. These products are not bioaccumulative

Note: Not considered to be PBT or vPvB

13. Disposal considerations

Waste disposal Avoid access to streams, lakes or ponds. Observe all federal, state and local environmental regulations when disposing of this material. Do not transport damp or wet material. Neutralise materials to a non-oxidising state for safe disposal.

Disposal of Packaging Clean Container and dispose of according to local and national regulations

14. Transportation information

Independent tests, carried out by TNO Prins Mauritis Laboratory, conducted according to the procedure as described in the United Nations Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, third revised edition, test O.1. have demonstrated that the product is not oxidizing for transport

DOT Not regulated for non bulk shipments
For bulk shipments regulated as:
UN No. 3077
Proper shipping name: Environmentally hazardous substance, solid, n.o.s (contains Sodium dichloro-s-triazinetrione)
Class: 9 - Miscellaneous Hazardous Material
Packing Group: III
Label: 9
Note: Certain shipping modes or package sizes may have exceptions from the transport regulations and may be classified as Consumer Commodity and Limited Quantity. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.



SAFETY DATA SHEET

According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

Product name **Green Klean Chlorinated Disinfecting Tablets**
Product id AS_9717BT_GK
Revision date 29/08/2016

Revision: 2

15. Regulatory information

USA All the ingredients in this preparation are listed in the EPA TSCA Inventory. This product is registered under FIFRA

- EPA Registration no. 69470-37-91038

- Emergency overview in accordance to EPA Master Label DANGER
Corrosive
Causes irreversible eye damage
Harmful if swallowed, inhaled or absorbed through the skin
Strong oxidizing agent

CERCLA/SARA - 302 ext. haz. substances This material contains hazardous substance (Adipic Acid) as defined by CERCLA/SARA and the Reportable Quantity (RQ) is 5000 lbs.

- SARA (311, 312) This product is categorized as an immediate health hazard, and fire and reactivity physical hazard (Sodium dichloroisocyanurate)

- Massachusetts Right-to-Know Hazardous Substances list Listed (Adipic Acid, Sodium dichloroisocyanurate)

- New Jersey Right-to-Know Hazardous Substances list Listed (Adipic Acid, Sodium dichloroisocyanurate)

- Pennsylvania Right-to-Know Hazardous Substances list Listed (Adipic Acid, Sodium dichloroisocyanurate)

- Rhode Island Right-to-Know Hazardous Substances list Listed (Adipic Acid, Sodium dichloroisocyanurate)

Canada Listed in DSL

WHMIS hazard class For Sodium dichloroisocyanurate:
C oxidizing materials
D1B Toxic material causing immediate and serious toxic effects
D2B Toxic materials causing other toxic effects

For Sodium Carbonate:
E corrosive material
D2B Toxic materials causing other toxic effects

EU All ingredients are reported in EINECS



SAFETY DATA SHEET

According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

Product name	Green Klean Chlorinated Disinfecting Tablets	
Product id	AS_9717BT_GK	
Revision date	29/08/2016	Revision: 2

16. Other information

All sections reformatted in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, SOP Green Klean makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its safety and suitability for their purposes prior to use. In no event will SOP Green Klean be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANT ABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE, ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION REFERS.

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End of safety data sheet



PROFESSIONAL CORDLESS ELECTROSTATIC BACKPACK SPRAYER

WHAT'S INCLUDED

- (1) VP300ES Professional Cordless Electrostatic Backpack Sprayer
- (1) VP20A Professional 16.8V 3400mAh Lithium-Ion Battery
- (1) VP10 Professional 16.8V Charger
- (1) VP49 Nozzle Wrench
- (1) VP50 3-in-1 Nozzle (40/80/110 Microns)
- (1) VP31 Backpack 2.25 Gallon Tank

BUYING OPTIONS

\$1999 from Kleenmark, Madison
20 units in stock/available as of 7/31/2020

[Find a Distributor \(/preferred-distributors\)](#)



DESCRIPTION

Our Professional Cordless Electrostatic Backpack Sprayer is designed to allow the professional to cover up to 23,000 square feet on a single tank of fluid (coverage per tank is determined by internal testing using flow rate and particle size). In addition, it is designed to save time and labor, spray less liquid, and cover more surfaces. Victory Sprayers' patented technology provides an electrical charge to solutions, allowing them to wrap conductive surfaces with an effective and even coverage. Double-charged particles envelope all conductive surfaces – shadowed, vertical and underneath.



KEY FEATURES

- ➔ Patented electrostatic charge penetrates chemical providing a thin, even spray pattern on all surfaces
- ➔ Removable Easy Fill HDPE tank holds 2.25 gallons of chemical, allowing you to coat up to 23,000 sq. ft.
- ➔ Cordless convenience allows for effortless movement room to room
- ➔ 3-in-1 nozzle allows you to set particle size to match your application
- ➔ 4ft hose with quick release valve allows for comfortable reach and maximum maneuverability

SPECIFICATIONS

Voltage	16.8V
Warranty	1yr limited warranty
Battery	16.8V 3400mAh Lithium-Ion
Weight	10.0 lbs. (29 lbs. full)
Optimum Spray Distance	4 - 6ft
Tank Capacity	2.25 gallons
Run Time	4 hours per charge
Nozzle Spray Sizes	40 micron full cone, 80 micron full cone, 110 micron 120° fan
Charge Time	90 Minutes
Flow Rate	40 micron / 3.4 oz. per minute 80 micron / 5.1 oz. per minute 110 micron / 13.4 oz. per minute



PROFESSIONAL CORDLESS ELECTROSTATIC HANDHELD SPRAYER

WHAT'S INCLUDED

- (1) VP200ES Professional Cordless Electrostatic Handheld Sprayer
- (1) VP20A Professional 16.8V 3400mAh Lithium Battery
- (1) VP10 Professional 16.8V Battery Charger
- (1) VP49 Nozzle Wrench
- (1) VP50 3-in-1 Nozzle (40/80/110 Microns)
- (1) Soft-Sided Carrying Case
- (1) VP30 Handheld 33.8oz Tank with Cap

BUYING OPTIONS

\$799 From Kleenmark, Madison
3-week lead time as of 7/31/2020

[Find a Distributor \(/preferred-distributors\)](#)



DESCRIPTION

Our Professional Cordless Electrostatic Sprayer allows the user hours of spraying time without the hassle of dragging a cord. In addition, it is designed to save time and labor, spray less liquid, and cover more surfaces. Victory Sprayers' patented technology provides an electrical charge to solutions, allowing them to wrap conductive surfaces with an effective and even coverage. Double-charged particles envelope all conductive surfaces – shadowed, vertical and underneath.

As of June 22nd, all VP200ESK shipped will include our new, more versatile soft-sided worksite storage bag. This upgrade comes with practical, time-saving benefits, including upright, leak-free storage (no disassembly needed) and extra storage space for an additional tank or battery. It is also packed inside a sturdy, three-color box including all product features, benefits and pertinent information.



KEY FEATURES

- ⊕ Patented electrostatic charge penetrates chemical providing a thin even spray pattern on all surfaces
- ⊕ Weighs only 5.9 lbs. with a full tank
- ⊕ Cordless convenience allows for effortless movement room to room
- ⊕ 3-in-1 nozzle lets you set the spray particle size to match your application
- ⊕ Easy Fill HDPE 33.8oz refillable tank allows you coat up to 2800 sq. ft. on 40 micron setting
- ⊕ Victory 16.8V Lithium-Ion battery allows you to run between 20-80 tanks on a single charge

SPECIFICATIONS

Voltage	16.8V
Warranty	1yr limited warranty
Battery	16.8V 3400mAh Lithium-Ion
Weight	3.8 lbs. (5.9 lbs. full)
LED Light	Yes
Optimum Spray Distance	2 - 3ft
Tank Capacity	33.8 oz.
Run Time	4 hours
Nozzle Spray Sizes	40 micron full cone, 80 micron full cone, 110 micron 120° fan
Charge Time	90 Minutes
Flow Rate	40 micron / 3.1 oz per minute 80 micron / 3.8 oz. per minute 110 micron / 10.5 oz. per minute