

AeroClave, LLC

Our mission is to combat the spread of infectious diseases through a family of comprehensive, cost-effective, and environmentally safe solutions.





Hospitals / Healthcare



Public Safety / First Responders



Parts and Pieces





Control Panel





Control Panel



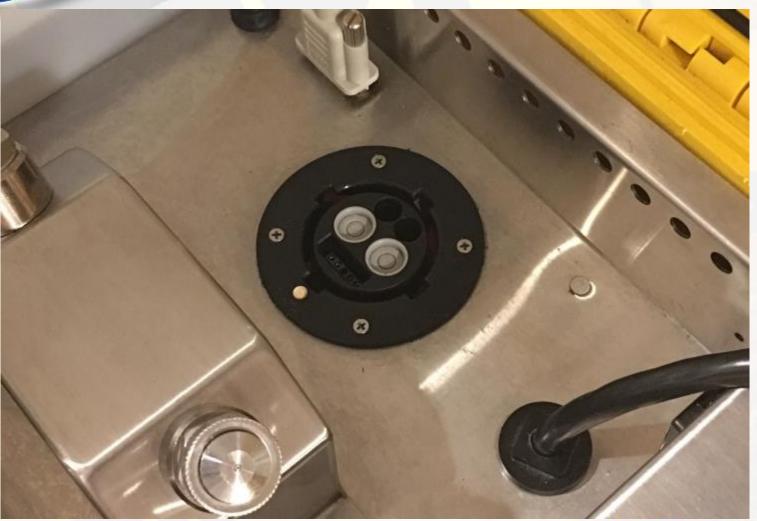


Fixed Heads

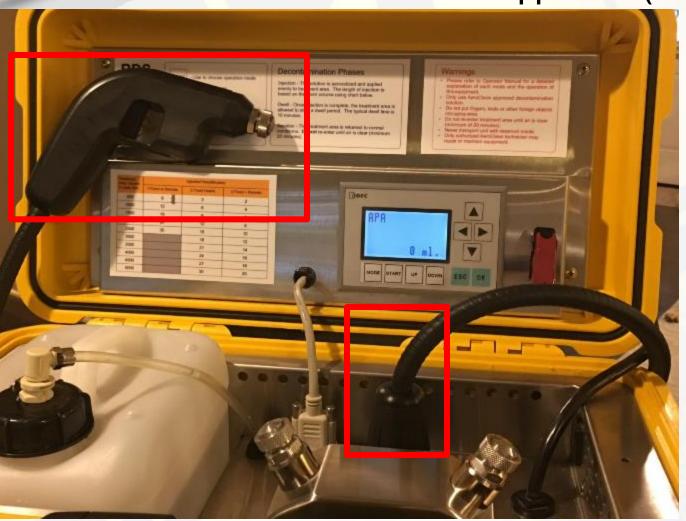




Smart Port





















Solution Tank





Remote Control





Treatment Solution

DISINFECTS AS IT CLEANS

Eliminates Odors • Fragrance Free

AREAS OF USE INCLUDE:

gyms & locker rooms, sports gear, hospitals, nursing homes, laundry rooms, veterinary, pharmacies, ambulances, barber shops, laboratories, restaurants, boats, ships, federally inspected meat & poultry processing plants, farms, animal pens and poultry houses, egg processing premises, hatcheries, premise sanitation. refrigerated storage units (empty & disconnected) airnlanes trains trucks, buses & automobiles. Use as a mold & mildewstat on hard non-porous surfaces such as tile,

VITAL OXIDE provides hospital disinfection, sanitization of food contact surfaces, mold & mildew prevention, broad spectrum cleaner & odor elimination.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Test fabric for color fastness. Contains a dilute oxidizing agent. Do not mix with vinegar or acidic cleaners.

PRE-CLEANING INSTRUCTIONS: Remove gross filth and heavy soil by cleaning. Spray VITAL OXIDE straight not soils, scrub and wipe clean with a dry paper towel or cloth. For cleaning floors add one cup VITAL OXIDE per gallon of water in bucket and clean with sponge, mop or pad.

TO DISINEET HARD NON-PRODUS SUBFACES For disinfecting pre-classed had no propose suffices such a glast, galatic painted wood, limited from, stainless staff, polyverhane coated hardwood floors, glasted cramer life, sealed concrete & indices, proposed floors, glast destinance, clarified such explanation, and control of the proposed floors, glast destinance, and produces, floors handles, wheelebiars, clinic, counters, critis, doorshots, fablos, table, seaters failed surfaces, floors handles, state that the proposed surfaces, wheelebiars, floorshots, floor

mentals for bacters desirection. For emerging enterpolation is controlled by the control of the

TO PREVENT MOLD OR MILDEW ON FLOORS, WALLS, CEILINGS & FABRIC: Remove as much surface dirt, mold, or mildew as possible by cleaning. Then spray on VITAL OXIDE from a distance of 12 inches until visibly wet and let air dry.

TO BEODRIZE VITAL OXIDE works by adulation, not by mailing of olors. Eliminates olors caused by five smale, obscore some, musty others, also exclude goods and principly storp, four your post of principle and in five provide long lasting mailed allocationing calcin. When foreign apply 1 quart per 2000 cube ft. following longer manufacturers disections for use. VITAL OXIDE must come into contact with the cause of the odd to be effective. For put units tables in a cape, blot ories and sy as possible them statutes state with VITAL EXCIDE frough capet pad.

TO SAMITIZE FOOD CRIVIACT SURFACES: Suphylococcus amount MOZ, ESSI and Escherichia coll ACCI 1/129 9599% somitation of food contact andreas. Mish gravity MIA 0.000 fet of years to present from exempt extended independent andreas. Mish gravity mish gravity and present present in mish collection of the collection of th

TO SAMITE CARPET: For gratitatic carget fibers such yield, editing or polygogiene—not intended for use on wood carget. East for color states is no an incomplication at eas. Carpet should be clean or here of exceptive soal below spirity, Mix 1 part VITAL XXXVD to 5 parts vaster. Apply by suppore at a nature of 17 gallots per of 10 as yards (approx 2002 per sa, yill VITAL XXXVD must come into constant with contaminate to work. Allow to devel for 10 minutes. Do not rises, use an extraction wand and dry shale carpet to remove excess mointure. Carpet can air dry or fasts may be useff carpet needs to dry faster.



HEAVY DUTY ODOR ELIMINATOR

MOLD & MILDEW REMOVER - Prevents Mold & Mildew On Hard Surfaces & Fabric

/ITAL OXIDE KILLS

MRSA, Pseudomonas aeruginosa, Escherichia coli, Salmonella enterica, Staphylococcus aureus, Legionella pneumophila, Aspergillus niger. Norovinus (Fellie Galchivirus as surrogate), Human Immodeficiency virus type: { (HIV-1), Enterobacte aerogenes, Listeria monocytogenes, Acinetobacte bumannii. Respiration Symortial Virus, Rotavirus, Influenza A (H1N1) Swine Flu, Hepatitis B, Hepatitis B, Hepatitis C

KEEP OUT OF REACH OF CHILDREN

See side panel for additional precautionary statement

Mold & Mildew On Hard Surfaces & Fabric ACTIVE INGREDIENTS:

ALTIVE HURCHICHTS :
Chlorine Discidle ... 0.200%
Alkyl (60% C., 30% C., 5% C.), 5% C.)
dimethyl bezryl ammenium chloride ... 0.125%
Alkyl (63% C.), 32% C.) dimethyl
ethylbezryl ammenium chloride ... 0.125%
OTHEN INGERDIENTS ... 99.550%

NET CONTENTS: 128 FL. OZ. (3.78 L)

.100.000%

TO DISINEET FARM PREMISES, POULTRY HOUSES, ANIMAL PERS & VERILLES: Person all animals and freed from premises, veribles, and enclosures. Removal all time and manual from flows, valued and enfances of barrs, pers, stalls, whether, and free facilities and finities concepted or traversed by animals. Empty all toughts, note, and other feeding and valueting appliances. Thoroughly close all surfaces of the person of the stage of derigned and of more lets with verse. Described and for faces with Verse faces and faces and

This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterifization of high productian to the used as attention steriformly loved disinfection. This product is not to be used as a terminal steriformly loved disinfection. The product is not be used as a terminal sterification which the sterification of the production of the introduced discovery that the production of the p

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV, and HCV ON SURFACES/OBJECTS SOLIED WITH BLOOD/BODY FLILIDS

PERSONAL PROTECTION: When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye covering

CLEANING PROCEDURES: Brood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

regulations for infectious waste disposal. CONTACT TIME-Allow surfaces to remain wet for 5 minutes. This contact time will not control bacteria.

STORAGE AND DISPOSAL-Stree in original closed container in a cool, dry place away from heat and open frame. Non-refiliable. Do not reuse or entitl this container unless the discretions for use allows afficient proceedants of morbart to highland in the nortainer Container Disnoval Review.

PRECAUTIONARY STATEMENTS: ACARDES TO HANDAS ROUNDS CONSISTENCY STATEMENT AND ACTIONARY STATEMENTS.

FIRST AID

IF IN EYES Hold eye open and rinse slowly with water 15-20 minutes. Remov contact lenses after first 5 minutes and continue rinsing. Call i Poison Control Center or doctor for treatment advice. Have produc container or label with you when calling a Poison Control Center o doctor, or when going for treatment.

EPA Reg. No. 82972-1 EPA Est. No. 85804-NC-1: EPA Est. No. 29909-CA-1

NOTICE: Seller expressly warrants that the product conforms to its chemical description. There are no other warranties associated with sale of the product.

warranties associated with sale of the product.

Vitalsolutions, LLC

P.O. Box 9932, West Palm Beach, FL 33419
Customer Service: 1-800-303-5405
Www.wifeloxide.com



- Chlorine-dioxide based
- USEPA Registered
- Hospital-grade Disinfectant



FPA Registration No. 82972-1

Complete Independent Lab Testing Summary 01-28-2014

complete independent cab les	,	Contact	
Bacteria	Use Method	Time	Study Conclusion
Pseudomonas Aeruginosa ATCC 15442	AOAC Use-Dilution	10 min.	Hospital Grade Disinfection
Acinetobacter baumannii ATCC 19606	AOAC Use-Dilution	10 min.	Hospital Grade Disinfection
Escherichia Coli ATCC 11229	AOAC Food Contact Sanitizati	on 30 Sec.	99.999 kill (no rinse required)
Staphylococcus aureus ATCC 6538	AOAC Food Contact Sanitizati	on 30 Sec.	99.999 kill (no rinse required)
Pseudomonas Aeruginosa ATCC 15442	DIS/TSS-8 Carpet Sanitzer	10 min.	99.9 Carpet Sanitizer
Enterbacter aerogenes ATCC 13048	DIS/TSS-8 Carpet Sanitzer	10 min.	99.9 Carpet Sanitizer
Staphylococcus aures MRSA ATCC 33592	AOAC Use-Dilution	10 min.	Disinfection
Listeria monocytogenes ATCC 15313	AOAC Use-Dilution	10 min.	Disinfection
Escherichia Coli ATCC 11229	AOAC Use-Dilution	10 min.	Disinfection
Legionella Pneumophila ATCC 33153	AOAC Use-Dilution	10 min.	Disinfection
Salmonella choleraesuis ATCC 10708	AOAC Use-Dilution	10 min.	Disinfection
Staphylococcus aureus ATCC 6538	AOAC Use-Dilution	10 min.	Disinfection
Klebsiella pneumoniae (NDM-1)	AOAC Use-Dilution	10 min.	Disinfection
Fungi			
Aspergillus Niger ATCC 6275	Hard Surface Mildew Rungistati	c 10 min.	>1 week protection
Stachybotrus chartarum	Sporkidal viability	10 min.	no germination of spores
Aspergillus fumigatus	Sporicidal viability	10 min.	no germination of spores
Alternaria alternata	Sporicidal viability	10 min.	no germination of spores
Penicillum sp	Sporicidal viability	10 min.	no germination of spores
Aspergillus Niger ATCC 6275	Hard Sunface Mildew Rungistati	c 10 min.	>4 week protection
Virus			
Rotavirus	Virucidal Efficacy	5 min.	complete inactivation
HepatitisCVirus	Virucidal Efficacy	5 min.	complete inactivation
Hepatitis B Virus	Virucidal Efficacy	5 min.	complete inactivation
Norovirus Feline Calicivirus	Virucidal Efficacy	5 min.	complete inactivation
Murine Norovirus (MNV-1)	Virucidal Efficacy	5 min.	complete inactivation
Swine Influenza (H1N1) Virus	Virucidal Efficacy	5 min.	complete inactivation
Respiratory Syncytial Virus	Virucidal Efficacy	5 min.	complete inactivation
Human immunodeficiency Virus (HIV Type 1)	Virucidal Efficacy	5 min.	complete inactivation
Toxicity Data		E.P.A. Tox	icity Rating
Dermal Irritation		Category 4	
Dermal Sensitization		Category 4	
Acute Inhalation Toxicity			LC50 is greater than 2.09mg/l
Acute Dermal Toxicity			LD50 is greater than 5000mg/kg
Accute Oral Toxicity	Limit test	Category 4	LD50 is greater than 5000mg/kg
Ocular Irritation	Limit test	Category 4	



Fixed and Remote Head Operation





Operation Options





- First screen anticipates connection between unit and Ambulance Port
- Shows "Error" if not connected
- Connect to ambulance before turning unit on
- Hit "Mode" to scroll to next screen(s)



Fixed Head Operation





- Fixed Head mode can be operated with one or two heads
- Refer to the Injection Table for recommended injection times.



Injection Table

Treatment Area Volume	InjectionTime(Minutes)			
in cubic feet	1 Fixed or Remote	2 Fixed Heads	2 Fixed + Remote	
500	6	3	2	
1000	12	6	4	
1500	18	9	6	
2000	24	12	8	
2500	30	15	10	
3000		18	12	
3500		21	14	
4000		24	16	
4500		27	18	
5000		30	20	



Fixed Head Operation



Press UP to increase the injection time.



Press DOWN to decrease the injection time.





- Preclean treatment area of all gross contaminants.
- Prep surfaces in the treatment area for decontamination (opening/closing cabinets, clearing off surfaces, etc.)
- Shut off and/or isolate HVAC, exhaust, ventilation, etc.
- Remove food, drinks, or anything used to consume food or drinks.
- Ensure all personnel have vacated treatment area.

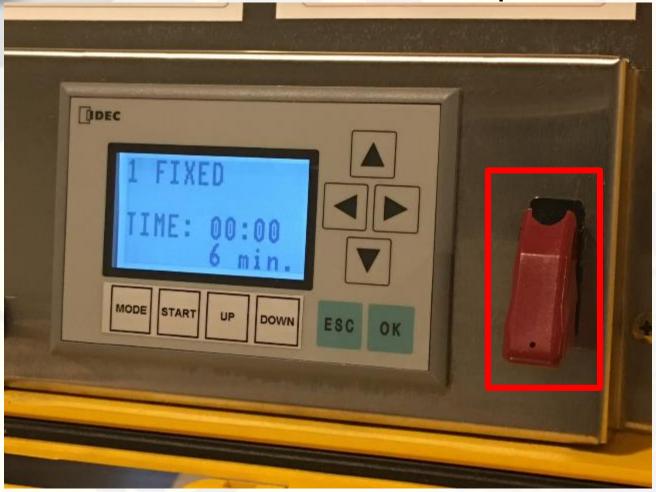




- Place RDS 3110 unit in desired location.
- Plug RDS 3110 unit into 110V power source.
- If needed, attach appropriate accessory (ADP port or APA)
- Select appropriate mode for decontamination on the touchscreen.
- Flip up red arming switch to engage mode.
- Set injection time based on time chart



Fixed Head Operation



Once time has been set, flip the red arming switch





- Ensure all setup steps have been met and secure treatment area.
- Activate decontamination cycle by pressing "START" on the touchscreen or the button on the remote control.
- Indicator lights on the front of the unit will begin to flash and the unit will activate.
- The unit will dispense disinfectant for the length of time that was input during setup.
- If necessary, during injection, the unit can be shut off by pressing "START" on the touchscreen or the button on the remote control.





- Once the Injection phase has completed, the unit will cease dispensing and the treatment area is placed in a Dwell period.
- This Dwell period gives the disinfectant an opportunity to contact every exposed surface in the treatment area.
- Dwell period lasts for a *minimum* of 10 minutes.
- During the Dwell period, the indicator lights on the front of the unit will continue to flash.





- Once the 10-minute Dwell period has completed, the indicator lights on the front of the unit will cease flashing.
- You can now begin returning the treatment area to normal by:
 - Opening doors or windows
 - Activating HVAC, exhaust, or ventilation
- Allow any remaining fog/haze to clear before reentering treatment area.
- Unplug RDS 3110 unit from power and remove from the treatment area.



APA Operation





Operation Options



- Second mode "Hand Applicator" is for AeroClave Portable Applicator
- Hand-held manual operation



APA Operation

- Slow, spray painting motion
- Keep APA 32-36" from surface
- Ideal spray pattern is the size of a basketball
- Avoid excessive wetting of surface



Do Not Over Spray!!!

If necessary, allow surface to dry for a few seconds before re-spraying!



TRIPOD ONLY ERROR PLUG IN TRIPOD CONNECTOR MODE START UP DOWN ESC ENTER

RDS 3110

Remote Operation



- Can operate with Remote only or in conjunction two Fixed Heads
- When Remote is properly connected, screen will show injection time
- Refer to the Injection Table for recommended injection times



Remote Operation





- To use APA as Remote tripod must be affixed
- Standard photographic tripod thread



Product Line

AeroClave Distribution Port (ADP)





