



*Innovation Redefined™*

## SAFETY & OPERATING INSTRUCTIONS



UV KNIFE SANITIZER, Model KSUV-18

### **⚠ WARNING**

READ AND UNDERSTAND THIS MANUAL AND ALL INSTRUCTIONS BEFORE OPERATING THIS SANITIZER.



\* FOR MODEL UVKR-18 INCLUDED KNIFE RACK

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## CHAPTER I - INTRODUCING THE EDLUND UV KNIFE SANITIZER, Model KSUV-18

This Edlund UV KNIFE SANITIZER operates on two (2) 15 watt UV Bulbs. The UV light actually stops germs from replicating and they die off

This manual will help you set up and safely operate your new Edlund UV KNIFE SAN ITIZER. Careful adherence to the safety and operating instructions in this manual will ensure many years of productive use.

### Conventions used in this manual



(ORANGE)

THIS INDICATES A POTENTIALLY HAZARDOUS SITUATION, WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY.



(YELLOW)

THIS INDICATES A POTENTIALLY HAZARDOUS SITUATION, WHICH, IF NOT AVOIDED, MAY RESULT IN MINOR OR MODERATE INJURY.

NOTE: This information may be helpful to you

Tip: This is a helpful hint to guide you in getting the most out of your Edlund UV KNIFE SANITIZER.

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*Specifications for the Edlund UV KNIFE SANITIZER*

Power	35W
Capacity	10 Chef Knives, 2 Cleavers & 1 Steel
Size	18" Wide x 24" Tall x 6 5/16" Deep (460mm x 610mm x160mm)
Weight	Approx. 25 lb, (11kg)
Voltage	220-240V
Controls	Manual
UV Light	2x 15W G13 T5 Tube Bulb, 254nm
Installation	Wall Mounted



## CHAPTER 2 - GENERAL SAFETY RULES

### Operating the Sanitizer Safely



YOU MUST OPERATE THE SANITIZER SAFELY. UNSAFE OPERATION MAY RESULT IN A NUMBER OF HAZARDOUS CONDITIONS. ALWAYS TAKE THE FOLLOWING PRECAUTIONS WHEN USING THIS SANITIZER:

- NEVER ALLOW PEOPLE WHO ARE UNFAMILIAR WITH THESE INSTRUCTIONS TO USE THE SANITIZER.
- NEVER ALLOW CHILDREN TO OPERATE THE SANITIZER.
- DO NOT, UNDER ANY CONDITIONS, REMOVE, BEND, CUT, FIT, WELD, OR OTHERWISE ALTER STANDARD PARTS ON THE EDLUND UV KNIFE SANITIZER. MODIFICATIONS TO YOUR SANITIZER COULD CAUSE PERSONAL INJURIES AND WILL VOID YOUR WARRANTY.
- DO NOT OPERATE THE SANITIZER WHEN UNDER THE INFLUENCE OF ALCOHOL , DRUGS, OR MEDICATION.

Tip: Reference page 7 for troubleshooting tips

No list of Warnings and Cautions can be all-inclusive. If situations occur that are not covered by this Manual, the operator must apply common sense and operate this Sanitizer in a safe manner.

### Additional Information and Potential Changes

The Edlund Company reserves the right to discontinue, change, and improve its products at any time without notice or obligation to the purchaser. The descriptions and specifications contained in this Manual were in effect at printing. Equipment described within this Manual may be optional. Some illustrations may not be applicable to your Sanitizer.



## CHAPTER 3 - OPERATING YOUR EDLUND UV KNIFE SANITIZER

This chapter covers the procedures for operating your new EDLUND UV KNIFE SANITIZER and discusses basic operation features. You may find it helpful to review the Features in Figure 2 on page 5.

### Using the EDLUND UV KNIFE SANITIZER

#### Grounding/Earthing



THE UV KNIFE SANITIZER MUST BE GROUNDED. GROUNDED REDUCES THE RISK OF ELECTRIC SHOCK BY PROVIDING AN ESCAPE WIRE FOR THE ELECTRIC CURRENT, IF AN ELECTRICAL SHORT OCCURS. THIS UV SANITIZER IS EQUIPPED WITH A CORD HAVING A GROUNDING WIRE WITH A GROUNDING PLUG. THE PLUG MUST BE PLUGGED INTO AN OUTLET THAT IS PROPERLY INSTALLED AND GROUNDED.

#### Mounting the UV KNIFE SANITIZER Cabinet

The UV KNIFE SANITIZER is designed to be wall mountable to prevent accidental discharge of Knives from the Cabinet. Place the Cabinet on the wall with mounting hardware 12" center to center with at least one set of screws into a wall stud. Use appropriate sized Lag Screws capable of holding a minimum of 50 pounds.

#### Operating Instructions



(YELLOW)

UTENSILS MAY BE SHARP. CARE MUST BE MAINTAINED WHEN LOADING/REMOVING THEM FROM THE UV KNIFE SANITIZER.



BEFORE PERFORMING THE FIRST STEP, YOU MUST FIRST ASSURE THAT THE TIMER IS OFF AND THE UNIT IS UNPLUGGED THE POWER SOURCE.

**NOTE 1:** The UV KNIFE SANITIZER operates by exposing bacteria with UV-C light waves, which are in the path of the UV lights. **NOTE 2:** The Utensils are to be washed and any debris removed before placing them in the Sanitizer.

**NOTE 3:** The unit will not operate with the Door open. The Door must be closed, latched and the "Door Closed" Light must be illuminated for the timer cycle to function. The Door can be locked at anytime to secure the Knives.

3. Open the Door and load Knives onto the plastic Knife Bar Rack with Knives positioned through the slots being careful not to damage the UV Light Bulbs.
4. Close the Door, latch it and then rotate the Timer Knob clockwise to turn ON the Timer. Set the Timer Knob to 15 minutes. Timer will chime at the end of the cycle indicating completion. The Door can then be opened and the Knives removed.

EDLUND UV KNIFE SANITIZER Features

NOTE: The model shown in Figure 2 may look slightly different from your Sanitizer.



## CHAPTER 4- MAINTAINING THE EDLUND UV KNIFE SANITIZER

This chapter covers regular maintenance procedures that will ensure the best performance and long life of your Sanitizer.

### Cleaning and Inspection



BEFORE PERFORMING ANY CLEANING/MAINTENANCE, YOU MUST FIRST ASSURE THAT THE TIMER IS OFF AND THE UNIT IS UNPLUGGED FROM THE POWER SOURCE.

1. Remove the Knives from the Cabinet.
2. Remove the plastic Knife Rack (Figure 2 on page 5) by lifting it out of the Sanitizer Cabinet.
3. Wash the Rack in mild soap and water. The rest of the Sanitizer Cabinet can be wiped off using a damp cloth. The unit must be kept clean to insure the most effective UV penetration. If needed, the Door can be removed for ease of cleaning.

**NOTE:** Avoid splashing water on the UV Bulbs in the upper portion of the Cabinet. This will limit the UV light rays emissions and effectiveness and could cause an electrical failure (short circuit).



# CHAPTER 5 -TROUBLESHOOTING

Consult the Troubleshooting Table below for common problems and their solutions.

## Troubleshooting Table



### WARNING

BEFORE PERFORMING ANY MAINTENANCE, YOU MUST FIRST ASSURE THAT THE TIMER IS OFF AND THE UNIT IS UNPLUGGED FROM THE POWER SOURCE.

SYMPTOM	POSSIBLE CAUSE
The UV Bulbs will not illuminate.	<div><input checked="" type="checkbox"/> Make sure that the UV Bulbs are securely installed in their sockets</div> <div><input checked="" type="checkbox"/> Make sure that the Door is closed and locked.</div> <div><input checked="" type="checkbox"/> Make sure the unit is plugged into a live power source. Check the power source by using a small 220-240V appliance or lamp</div> <div><input checked="" type="checkbox"/> Make sure that the timer is turned clockwise to 15 minutes.</div>

## Testing the UV bulbs

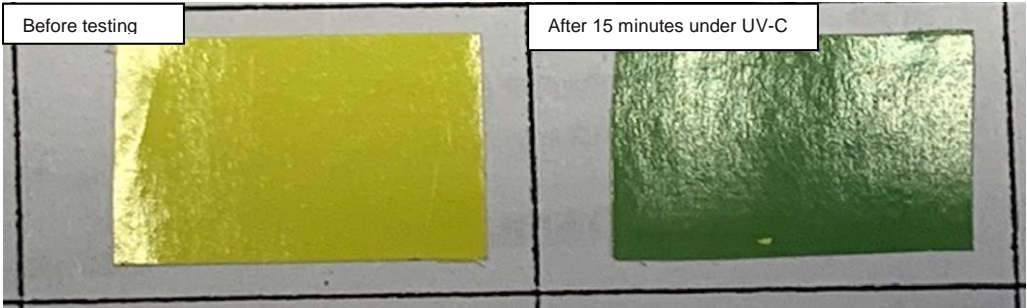
The UV-C bulbs should b teted for efficacy after installation. This can be done using the test strip provided to ensure the bulbs ae functioning properly. Remove the test strip from the protective envelope and place it on the knife rack. Turn the UV cabinet on and set the timer to 15 minutes. The test strip is designed to change from yellow to green after exposure to UV-C light (see figure 1).



### WARNING

IF THE TEST STRIP DOES NOT CHANGE FROM YELLOW TO GREEN THE BULBS ARE NOT EMITTING ADEQUATE uv-c LIGHT AND SHOULD BE REPLACED IMMEDIATELY.

Figure 1





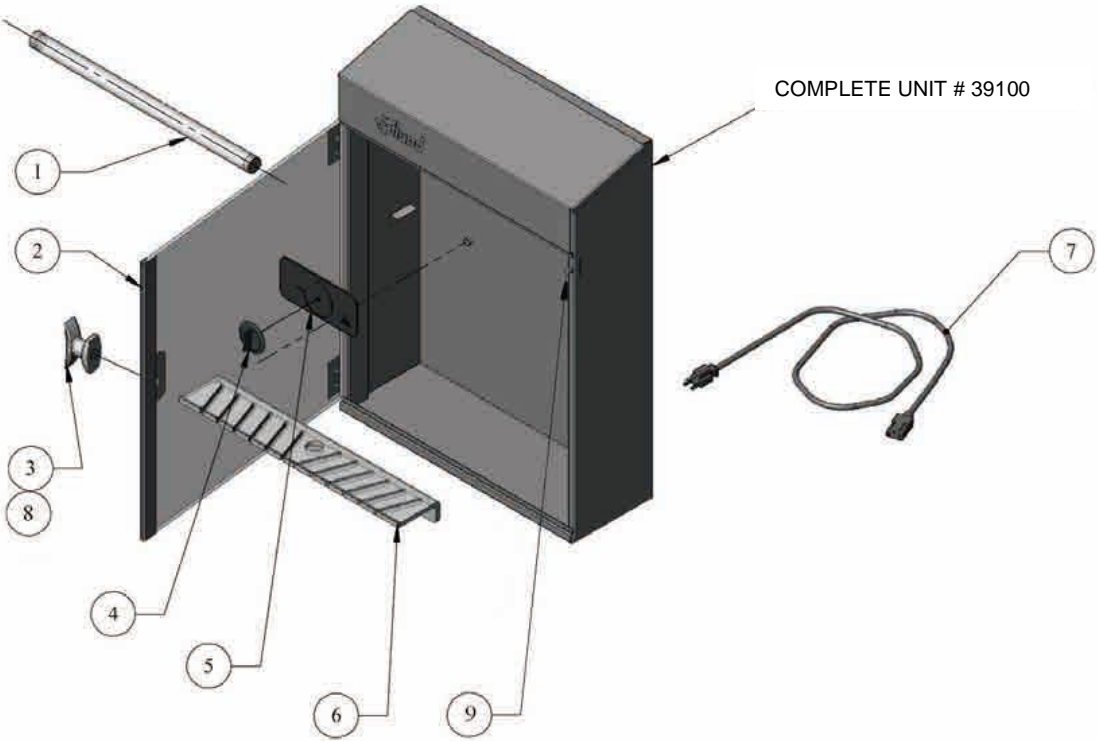
## CHAPTER 6- PARTS LISTS, DIAGRAMS, AND WARRANTY

### Parts List - UV KNIFE SANITIZER

NOTE: Part numbers listed are available through the Edlund Company or authorized parts supplier.

Item#	Part#	Description
1.	UV007	Bulb, UV light bulb 15W
2.	UV002	Door
3.	UV003	Handle, Keyed
4.	UV016	Knob, Timer
5.	UV012	Decal, Manual control
6.	UV006	Holder, Knife
7.	UV009	Cord, Power plug
8.	UV008	Key
9.	UV009	Sensor, Door

Schematic - UV KNIFE SANITIZER





## UV KNIFE SANITIZER, Model KSUV-18

### WARRANTY:

All Edlund products are guaranteed against defects in material and workmanship for a period of one year from date of purchase, except where specifically noted. The company's obligation under this warranty is limited to repairing or replacing without charge any part or parts found to be defective **under normal use**. It is the responsibility of the purchaser to return the entire unit to the factory, **properly packed, transportation charges prepaid**. This warranty does not cover knives and gears on can openers. No other warranty, written or verbal, is authorized by the company. Warranty charges do not include state, federal, foreign, excise, municipal, or other sales or use taxes. All such taxes are the responsibility of the purchaser.

#### **Carrier is responsible for merchandise in transit to you.**

Edlund Company reserves the right to make changes in design or add any improvements on any product. The right is always reserved to modify our equipment because of factors beyond our control and government regulations. Charges to update equipment do not constitute a warranty charge.

The following are not covered under warranty:

1. failure from neglect, abuse, careless handling or mis-application of unit.
2. failure caused by improper maintenance.

Return products to: Edlund Company, LLC, Service Department  
319 Queen City Park Rd., Burlington, VT 05401, USA  
An ISO 9001:2015 Company

Phone: (800) 772-2126 & (802) 862-9661 • Fax: (802) 862-4822