SAFETY & OPERATING INSTRUCTIONS

UV KNIFE SANITIZER, Model KSUV-18

⚠ WARNING

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

ISO 9001:2000 CERTIFIED

C ETL LISTED US Intertek

NSF COMPONENT FOR MODEL UVKR-18 INCLUDED KNIFE RACK

Edlund *We're in your kitchen.*™

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CHAPTER 1 - INTRODUCING THE EDLUND UV KNIFE SANITIZER, Model KSUV-18

This Edlund UV KNIFE SANITIZER operates on two (2) 15 watt UV Bulbs. The emitted UV (ultraviolet) rays eliminates 99% of bacteria on your Knives*. 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 SANITIZER. Careful adherence to the safety and operating instructions in this manual will ensure many years of productive use. Please let us know of any questions you may have. To expedite your call, please have your serial number and/or model number handy. **For technical assistance, please call Toll-Free 1-800-772-2126 and one of our Technical Support Representatives will be happy to help you.**

Conventions used in this manual

⚠ WARNING (ORANGE)

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

⚠ CAUTION (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.

* Independent Laboratory Tests showed a 99% reduction in E-Coli bacteria during the timed cycle.

Specifications for the Edlund UV KNIFE SANITIZER

Capacity	**10 Chef Knives, 2 Cleavers & 1 Steel**
Size	**19" Wide x 24" Tall x 6" Deep (483mm x 610mm x 150mm)**
Weight	**Approx. 25 lb, (11 kg) (Wall Mountable)**
Power	**120 VAC**
Controls	**Manual**
FCC Class A	**Not For Home Use**
NSF Component	**For included UVKR-18 Knife Rack**

Figure 1

CHAPTER 2 - GENERAL SAFETY RULES

⚠ WARNING

READ THIS SAFETY AND OPERATING MANUAL BEFORE YOU USE THE EDLUND UV KNIFE SANITIZER. BECOME FAMILIAR WITH THE SERVICE RECOMMENDATIONS TO ENSURE THE BEST PERFORMANCE FROM YOUR SANITIZER.

Labels

Your Edlund UV KNIFE SANITIZER carries prominent Labels as reminders for its proper and safe use. Shown below are copies of all the Labels that appear on the unit. Take a moment to study them and make a note of their location on your Edlund UV KNIFE SANITIZER ***before*** you operate the Sanitizer. Replace damaged or missing Safety and Information Labels immediately.

Read Manual

High Voltage

UV Light Bulb

Operating the Sanitizer Safely

⚠ WARNING

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 8 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 6.

Using the EDLUND UV KNIFE SANITIZER

Grounding/Earthing

⚠ WARNING

THE UV KNIFE SANITIZER MUST BE GROUNDED. GROUNDING 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

⚠ CAUTION (YELLOW)

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

1. Remove the UV Bulbs from their packaging and carefully place them in the Sockets making sure that the power is NOT supplied to the unit.
2. Once the Bulbs are installed, plug the Power Cord into a Grounded Outlet with the same voltage as listed on the Legend Plate located on the side of the UV SANITIZER Cabinet.

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.

NOTE: *The minimum recommended time for sanitation is 3 minutes. The full 15 minute cycle provides the most effective sanitation cycle.*

EDLUND UV KNIFE SANITIZER Features

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

Figure 2

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

⚠ WARNING

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 6) 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. If you continue to experience problems, call our Technical Support Representatives at **1-800-772-2126**.

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.	⇒ Make sure that the UV Bulbs are securely installed in their sockets. ⇒ Make sure that the Door is closed and locked. ⇒ Make sure the unit is plugged into a live power source. Check the power source by using a small 120VAC appliance or lamp. ⇒ Make sure that the timer is turned clockwise to 15 minutes.

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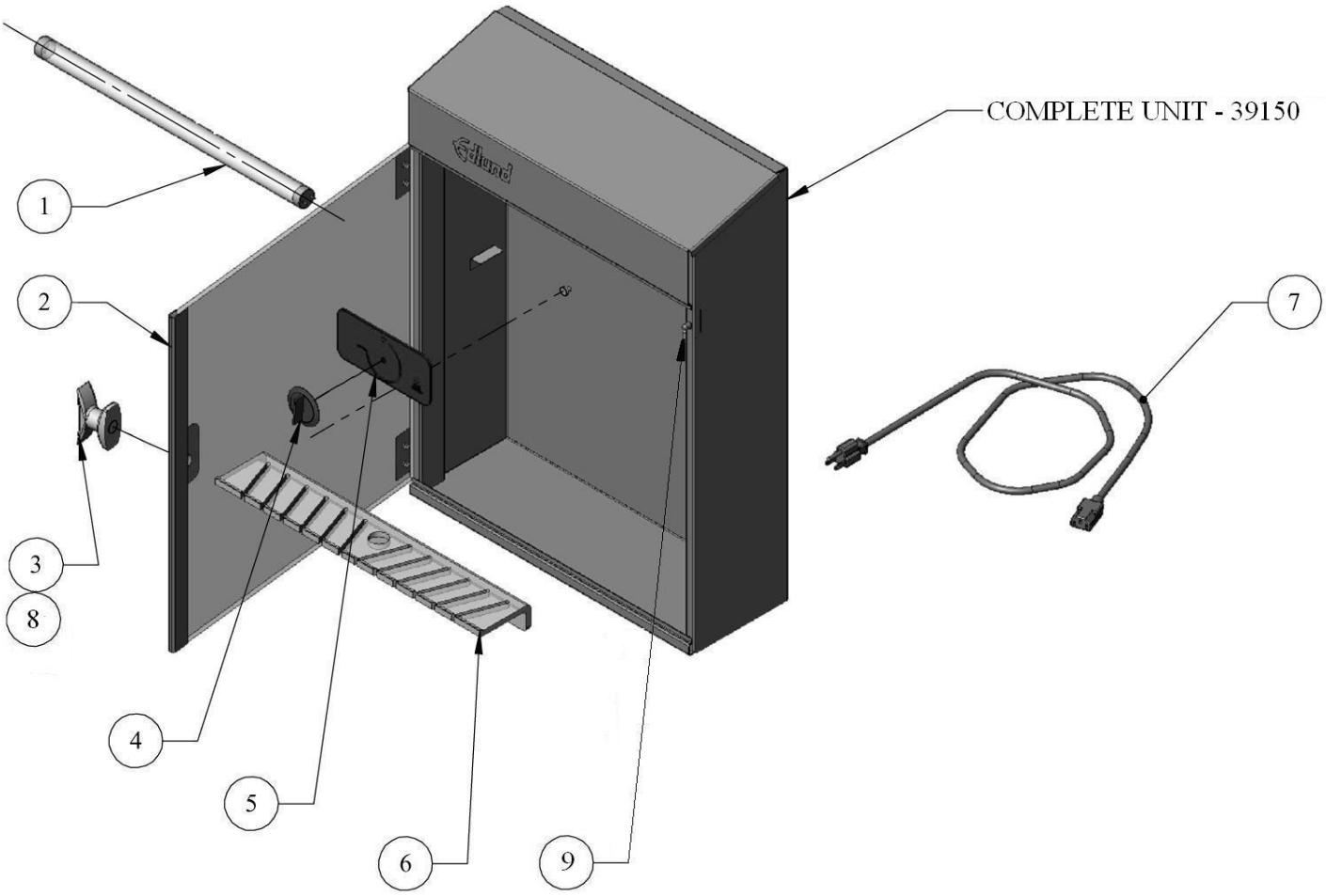
CHAPTER 6 - PARTS LISTS, DIAGRAMS, AND WARRANTY

Parts List - UV KNIFE SANITIZER

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

Item#	Part#	Description
1	BU007	Bulb, UV-C 15 Watt
2	DR003	Door
3	L190	Handle, Door, Keyed
4	K029	Knob, Timer
5	D217	Decal, Timer
6	UV006	Holder, Knife
7	C191	Cord, Universal, 120VAC C13 End
8	KY001	Keys
9	SW010	Safety Switch

Schematic - UV KNIFE SANITIZER



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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 Inc., Service Department
159 Industrial Parkway, Burlington, VT 05401

Edlund Company

159 INDUSTRIAL PARKWAY, BURLINGTON, VERMONT 05401

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