



SAFETY & OPERATING INSTRUCTIONS



UV ANTIMICROBIAL* KNIFE CABINET, Model **KSUV-18**

* Independent laboratory tests showed a 99% reduction in E. coli bacteria during the timed cycle.

⚠ WARNING

**READ AND UNDERSTAND THIS MANUAL AND ALL INSTRUCTIONS
BEFORE OPERATING THIS UV ANTIMICROBIAL* KNIFE CABINET**



FOR MODEL UVKR-18
INCLUDED KNIFE RACK



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CHAPTER 1 - INTRODUCING THE EDLUND UV ANTIMICROBIAL* KNIFE CABINET, Model **KSUV-18**

This Edlund UV ANTIMICROBIAL* KNIFE CABINET operates on two (2) 15-watt UV Bulbs. The emitted UV (ultraviolet) rays inactivates 99% of bacteria on your Knives*.

This manual will help you set up and safely operate your new Edlund UV ANTIMICROBIAL* KNIFE CABINET. 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 ANTIMICROBIAL* KNIFE CABINET.

Specifications for the Edlund UV ANTIMICROBIAL* KNIFE CABINET

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 ANTIMICROBIAL* KNIFE CABINET. BECOME FAMILIAR WITH THE SERVICE RECOMMENDATIONS TO ENSURE THE BEST PERFORMANCE FROM YOUR UV ANTIMICROBIAL* KNIFE CABINET.

Labels

Your Edlund UV ANTIMICROBIAL* KNIFE CABINET 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 ANTIMICROBIAL* KNIFE CABINET *before* you operate the Cabinet. Replace damaged or missing Safety and Information Labels immediately.



Read Manual



High Voltage



UV Light

Operating the UV ANTIMICROBIAL KNIFE CABINET Safely*

WARNING

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

- NEVER ALLOW PEOPLE WHO ARE UNFAMILIAR WITH THESE INSTRUCTIONS TO USE THE UVANTIMICROBIAL* KNIFE CABINET.
- NEVER ALLOW CHILDREN TO OPERATE THE UV ANTIMICROBIAL* KNIFE CABINET.
- DO NOT, UNDER ANY CONDITIONS, REMOVE, BEND, CUT, FIT, WELD, OR OTHERWISE ALTER STANDARD PARTS ON THE EDLUND UV ANTIMICROBIAL* KNIFE CABINET. MODIFICATIONS TO YOUR UV ANTIMICROBIAL* KNIFE CABINET COULD CAUSE PERSONAL INJURIES AND WILL VOID YOUR WARRANTY.
- DO NOT OPERATE THE UV ANTIMICROBIAL* KNIFE CABINET WHEN UNDER THE INFLUENCE OF ALCOHOL, DRUGS, OR MEDICATION.
- UV-C IS HARMFUL TO THE UNPROTECTED EYE. NEVER LOOK DIRECTLY AT THE UV-C BULB WITHOUT THE SAFETY OF THE HOUSING AND PROTECTIVE DOOR INSTALLED AND OPERATING PROPERLY.
- THE UV ANTIMICROBIAL* KNIFE CABINET SHOULD BE INSPECTED DAILY BEFORE OPERATING FOR ANY DAMAGE TO THE DOOR OR CABINET. IF ANY SIGNS OF DAMAGE OR CRACKS ARE OBSERVED, DO NOT OPERATE THE DEVICE AND CALL OUR TECHNICAL SUPPORT REPRESENTATIVE AT 1-800-772-2126.

CAUTION

- Risk of fire and electrical shock. Use only the manufacturer's power cord set.

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 UV ANTIMICROBIAL* KNIFE CABINET 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 UV ANTIMICROBIAL* KNIFE CABINET.

CHAPTER 3 - OPERATING YOUR EDLUND UV ANTIMICROBIAL* KNIFE CABINET

This chapter covers the procedures for operating your new EDLUND UV ANTIMICROBIAL* KNIFE CABINET and discusses basic operation features. You may find it helpful to review the Features in *Figure 2* on page 6.

Using the EDLUND UV ANTIMICROBIAL KNIFE CABINET*

Grounding/Earthing

⚠ WARNING

THE UV ANTIMICROBIAL* KNIFE CABINET 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 ANTIMICROBIAL* KNIFE CABINET 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 ANTIMICROBIAL* KNIFE CABINET

The UV ANTIMICROBIAL* KNIFE CABINET 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 appropriately sized Lag Screws capable of holding a minimum of 50 pounds.

Operating Instructions

⚠ CAUTION

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

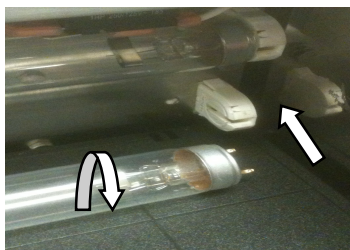
⚠ WARNING

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

Installing the UV bulbs

1. Remove the UV Bulbs from their bubble wrap packaging. Align the Contact Pins on the ends of the Bulbs vertically. Slide both ends of the Bulb into the Sockets on the UV ANTIMICROBIAL* KNIFE CABINET and rotate the Bulb 90 degrees clockwise until the Bulb clicks into place (*Figure 1a*).

Figure 1a



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 ANTIMICROBIAL* KNIFE CABINET.

NOTE 1: The UV ANTIMICROBIAL KNIFE CABINET operates by exposing bacteria to UV-C light waves, which are in the path of the UV lights.*

NOTE 2: The Utensils are to be washed and dried, and any debris removed before placing them in the UV ANTIMICROBIAL KNIFE CABINET.*

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 cycle time is 5 minutes. The full 15-minute cycle is the most effective cycle.

Testing the UV bulbs

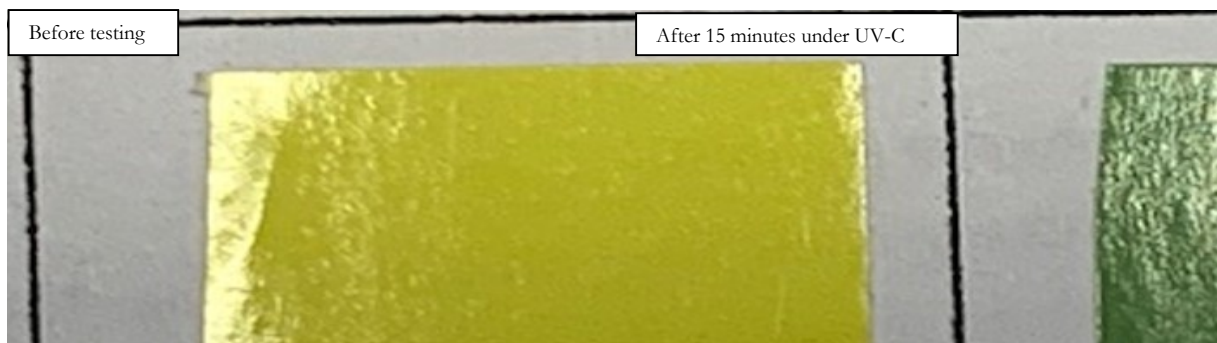
The UV-C bulbs should be tested for efficacy after installation. This can be done using the test strip provided to ensure the bulbs are functioning properly. Remove the test strip from the protective envelope and place it on the knife rack. Turn the UV cabinet on and set the timer to 15 minutes. The test strip is designed to change from yellow to green after exposure to UV-C light (see figure 2A).

! 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.

It is recommended that you periodically test the cabinet to ensure proper efficacy. Additional bulb kit part number is (KT391). UV-C intensity test strips can be purchased from Edlund or an authorized parts supplier (KT392).

Figure 2a



EDLUND UV ANTIMICROBIAL KNIFE CABINET Features*

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

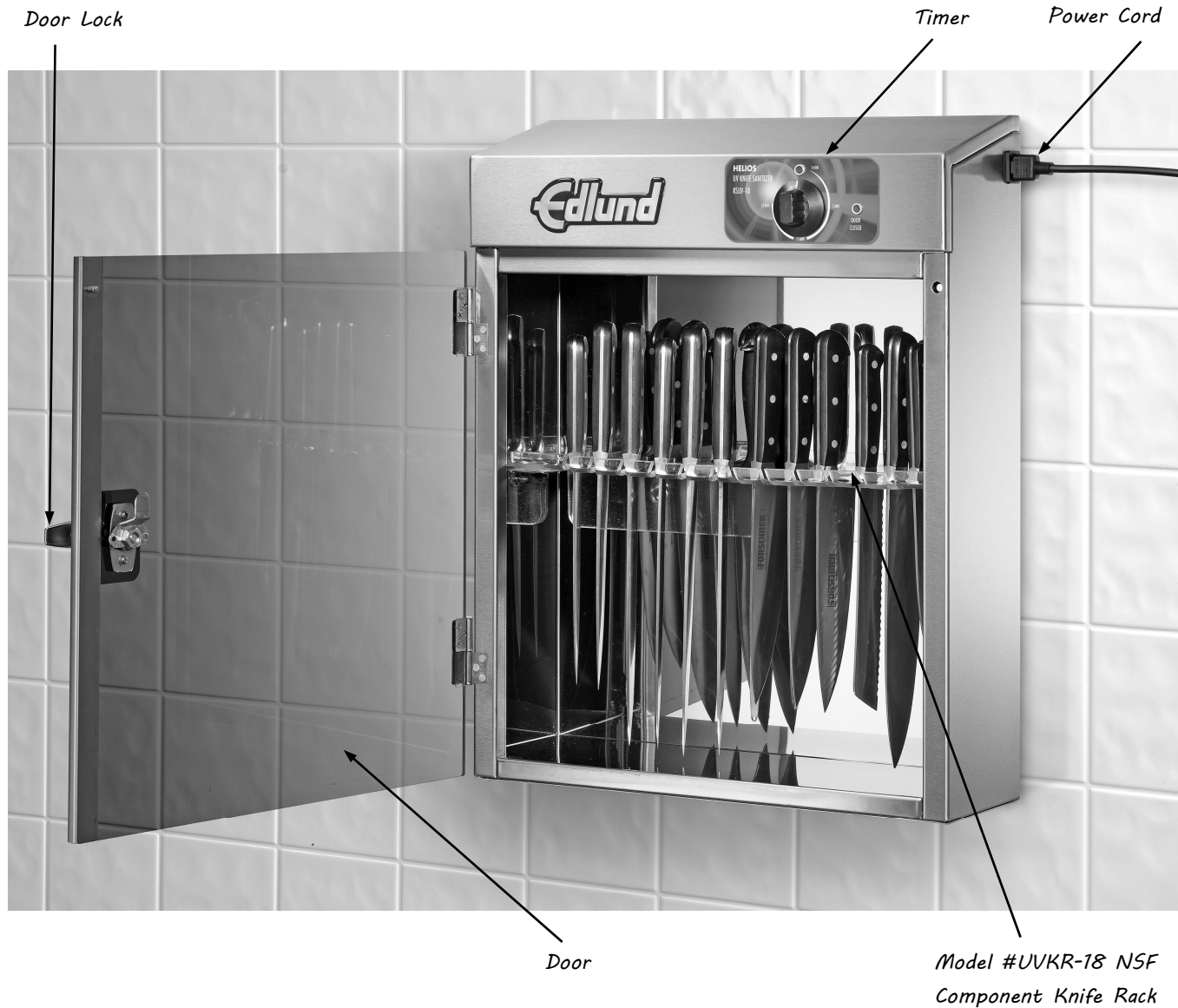


Figure 2

CHAPTER 4 - MAINTAINING THE EDLUND UV ANTIMICROBIAL* KNIFE CABINET

This chapter covers regular maintenance procedures that will ensure the best performance and long life of your UV ANTIMICROBIAL* KNIFE CABINET.

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.

THE CABINET SHOULD BE INSPECTED DAILY BEFORE OPERATING FOR ANY DAMAGE TO THE DOOR OR CABINET. IF ANY SIGNS OF DAMAGE OR CRACKS ARE OBSERVED, DO NOT OPERATE THE DEVICE AND CALL OUR TECHNICAL SUPPORT REPRESENTATIVE AT 1-800-772-2126.

1. Remove the Knives from the Cabinet.
2. Remove the plastic Component Knife Rack (*Figure 2* on page 7) by lifting it out of the Antimicrobial* Cabinet.
3. Wash the Rack in mild soap and water. The rest of the Antimicrobial Cabinet can be wiped off using a damp cloth. The unit must be kept clean to ensure 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).

Replacing the UV bulbs

1. Repeat steps 1 & 2 in the “*Cleaning and Inspection*” section of chapter 4.
2. Rotate the Bulb 90 degrees counter-clockwise until the Bulb stops, approximately 90 degrees.
3. Slide both ends of the Bulb out of the Sockets on the UV ANTIMICROBIAL* KNIFE CABINET until the contact pins are clear.
4. To install new bulbs, follow the instructions for “*Installing the UV bulbs*” in Chapter 3.

Removing / Replacing the Door

1. The Door can be removed for cleaning or if damaged.

NOTE: For safety, ensure the cabinet is secured to the wall before removing the door.

2. Unlock the Door Latch and rotate the Door outward 90 degrees.
3. Lift the Door vertically until the hinge pins are clear of the cabinet.
4. To install, reverse step 1-3.

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.

<i>SYMPTOM</i>	<i>POSSIBLE CAUSE</i>
<i>The UV Bulbs will not illuminate.</i>	⇒ 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. ⇒ Check the UV bulbs for damage. Replace if necessary.
<i>The door will not close or latch</i>	⇒ Ensure the door is completely inserted into the hinge before closing. ⇒ The latch handle should be in the horizontal position before closing the door. Once closed, rotate the handle clockwise to engage the latch. ⇒ Check for damage to the door and frame or the safety switch area located on the right side of the cabinet. If damaged, call your service provider for replacement parts or a repair service.

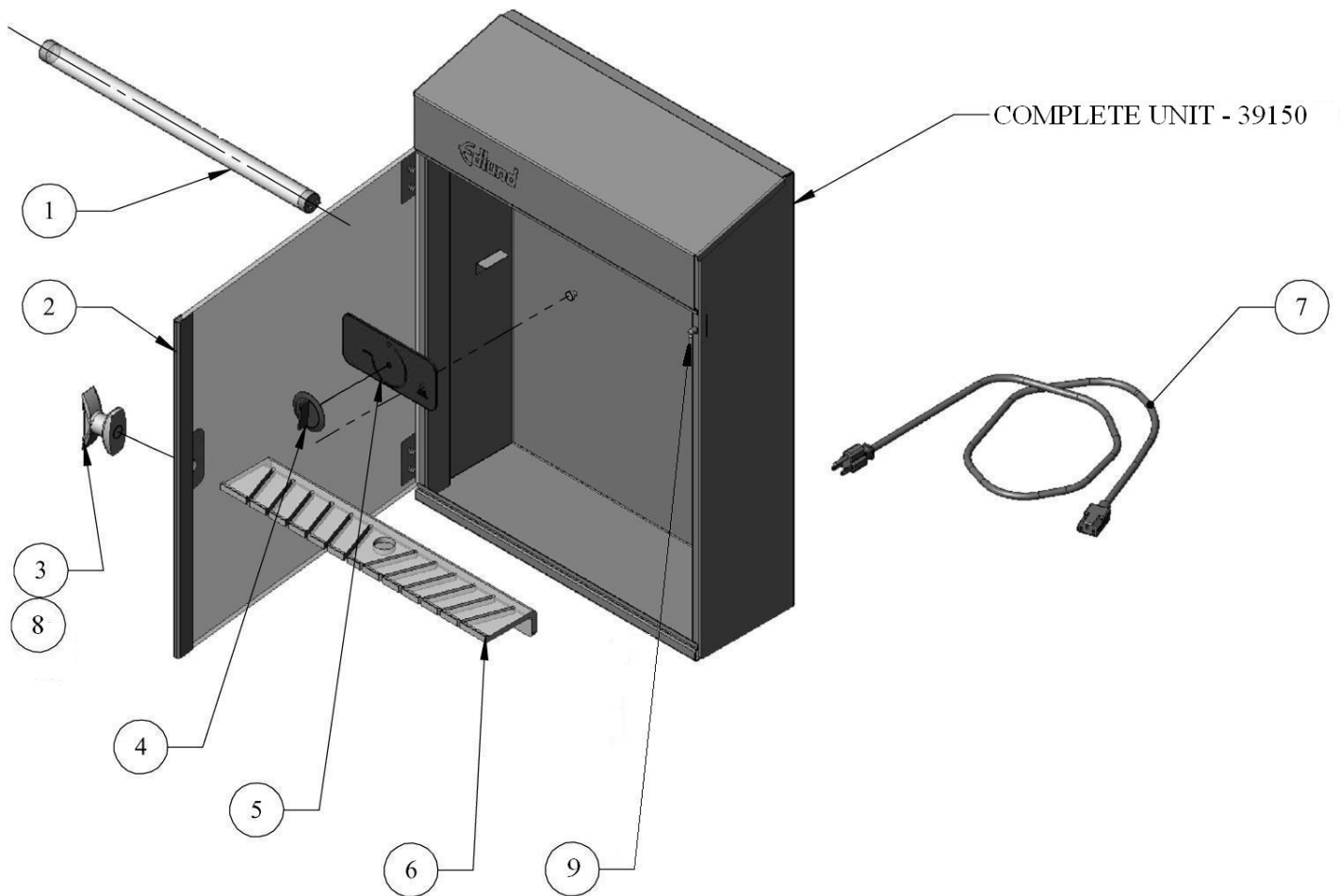
CHAPTER 6 - PARTS LISTS, DIAGRAMS, AND WARRANTY

Parts List - UV ANTIMICROBIAL KNIFE CABINET*

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

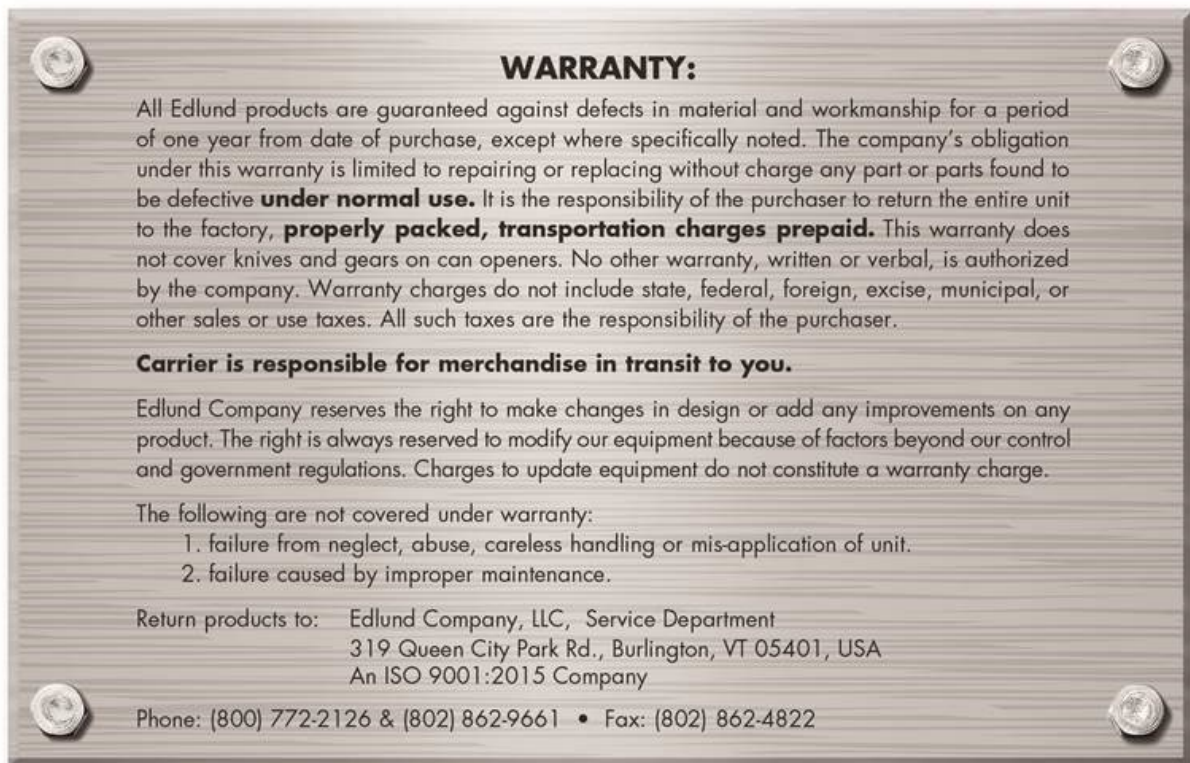
<u>Item#</u>	<u>Part#</u>	<u>Description</u>
1	BU007	Bulb, UV-C 15 Watt
2	DR003	Door
3	L190	Handle, Door, Keyed
4	K029	Knob, Timer
5	D217	Decal, Timer
6	UV006	Component Knife Rack (Model# UVKR-18)
7	C191	Cord, Universal, 120VAC C13 End
8	KY001	Keys
9	SW010	Safety Switch

Schematic - UV ANTIMICROBIAL KNIFE CABINET*





UV ANTIMICROBIAL* KNIFE CABINET, Model KSUV-18



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