AC-CLEAN

CONFIGURABLE UV-C SANITIZING CABINET
USER MANUAL

Power Technologies™

The AC-CLEAN is designed to disinfect up to 99.99% of bacteria and viruses from Laptops, Tablets, Headphones, VR Headsets & more.

Specifications:

Model		AC-CLEAN
Cabinet Dimensions	**Inch**	19.7 (H) x 25 (W) x 21.7 (D)
	mm	500 (H) x 635 (W) x 551 (D)
Interior Dimensions	**Inch**	15.25 (H) x 16.25 (W) x 20.37 (D)
	mm	387 (H) x 413 (W) x 517 (D)
Product weight (Without Devices)		75 lbs (34 kg)
Shipping Weight		90 lbs (40.8 kg)
Capacity		12 bays
Supported Devices		Devices up to 15 Inch (318 mm)
Power Specifications (For carts sold within North America)		AC IN/ Power Strip: 110V AC, 50/60Hz, 10A Maximum power: 1400W
Power Specifications (For carts sold outside North America)		AC IN/ Power Strip: 100-240V AC, 50/60Hz, 10A Maximum power: 2400W
Charging Type		Basic Charging
Security		Front Door Key Locked
Sanitize Type		UV-C Light Sanitization
Work Platform Loading		55.1 lbs (25 kg)
Shelf Loading (ea.)		110.2 lbs (50 kg)
Adapter Shelves Loading (ea.)		6.6 lbs (3 kg)
Working Temperature		0°- 30°c
Working RH%		10% - 90%
Storage Temperature		-40°- 60°C Temp
Storage RH%		5% - 95%
Warranty		Lifetime Frame, 2 Years Components, 2 Year Electronics

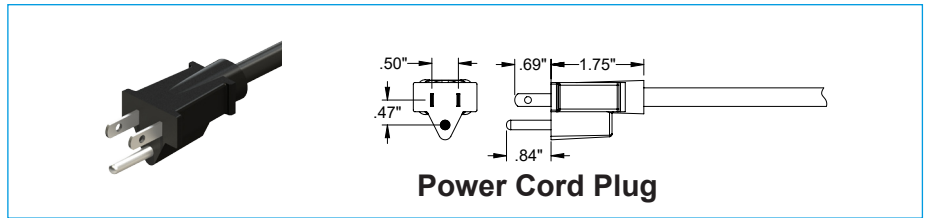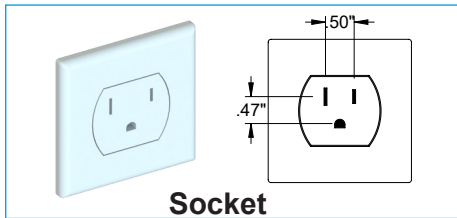Specifications subject to change without notice.

Product Information

This manual covers the following models and part numbers.
The manual is based upon the North American 110V product offering.
Refer to the part numbers below and cord end diagrams for your specific region.
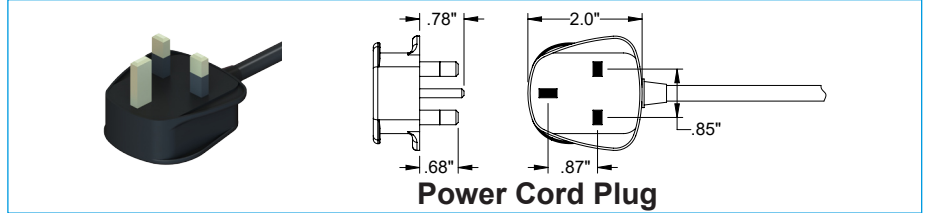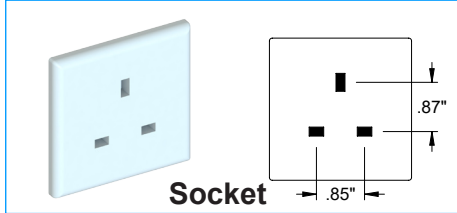
MODEL# AC-CLEAN

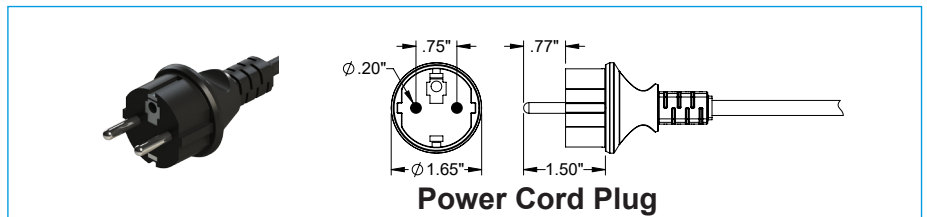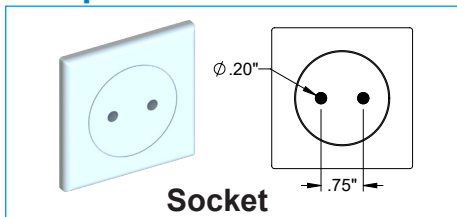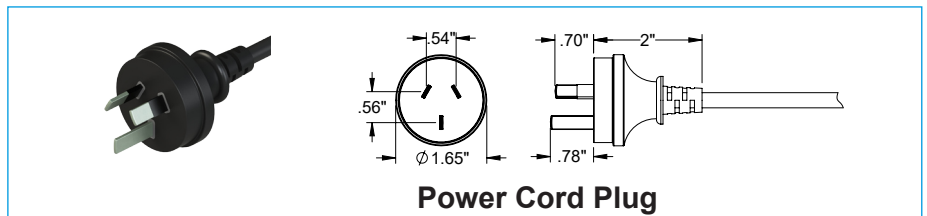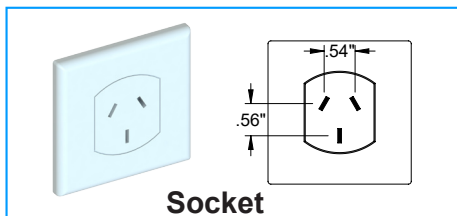| SKU	DESCRIPTION
CAB-CLN-B12A-D	Clean, 12 Bay Configurable UV-C 360 Cabinet - 110V NA
CAB-CLN-B12A-E	Clean, 12 Bay Configurable UV-C 360 Cabinet - 220V EU
CAB-CLN-B12A-U	Clean, 12 Bay Configurable UV-C 360 Cabinet - 220V UK
CAB-CLN-B12A-A	Clean, 12 Bay Configurable UV-C 360 Cabinet - 220V AU
CAB-CLN-B12A-S	Clean, 12 Bay Configurable UV-C 360 Cabinet - 220V SW

Power Cords and Sockets for Specific Region:

US / Canada

Socket

Power Cord Plug

United Kingdom

Socket

Power Cord Plug

European

Socket

Power Cord Plug

Australian

Socket

Power Cord Plug
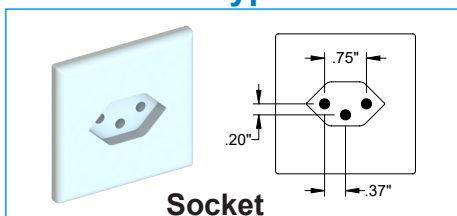
Switzerland Type-J

Socket

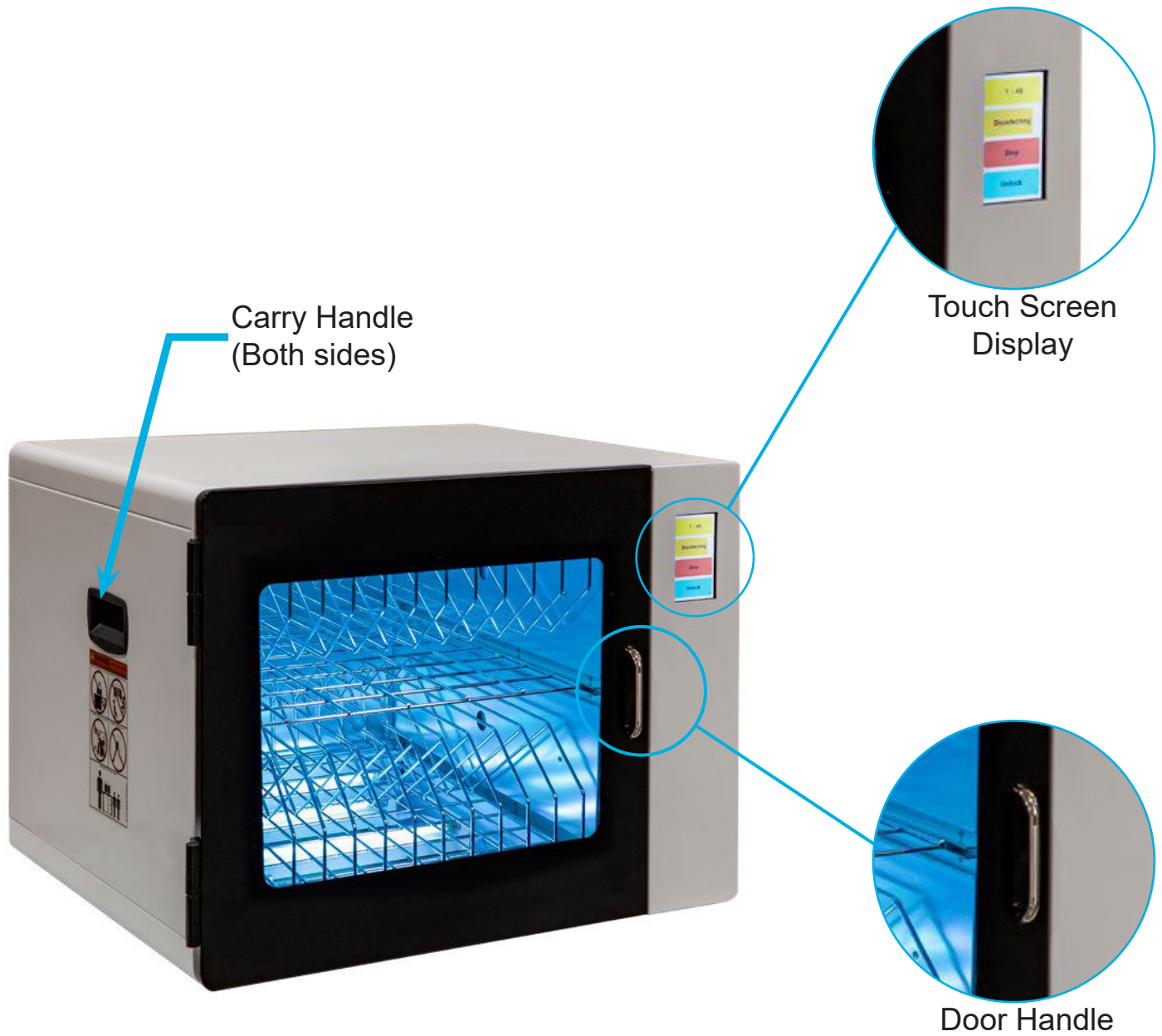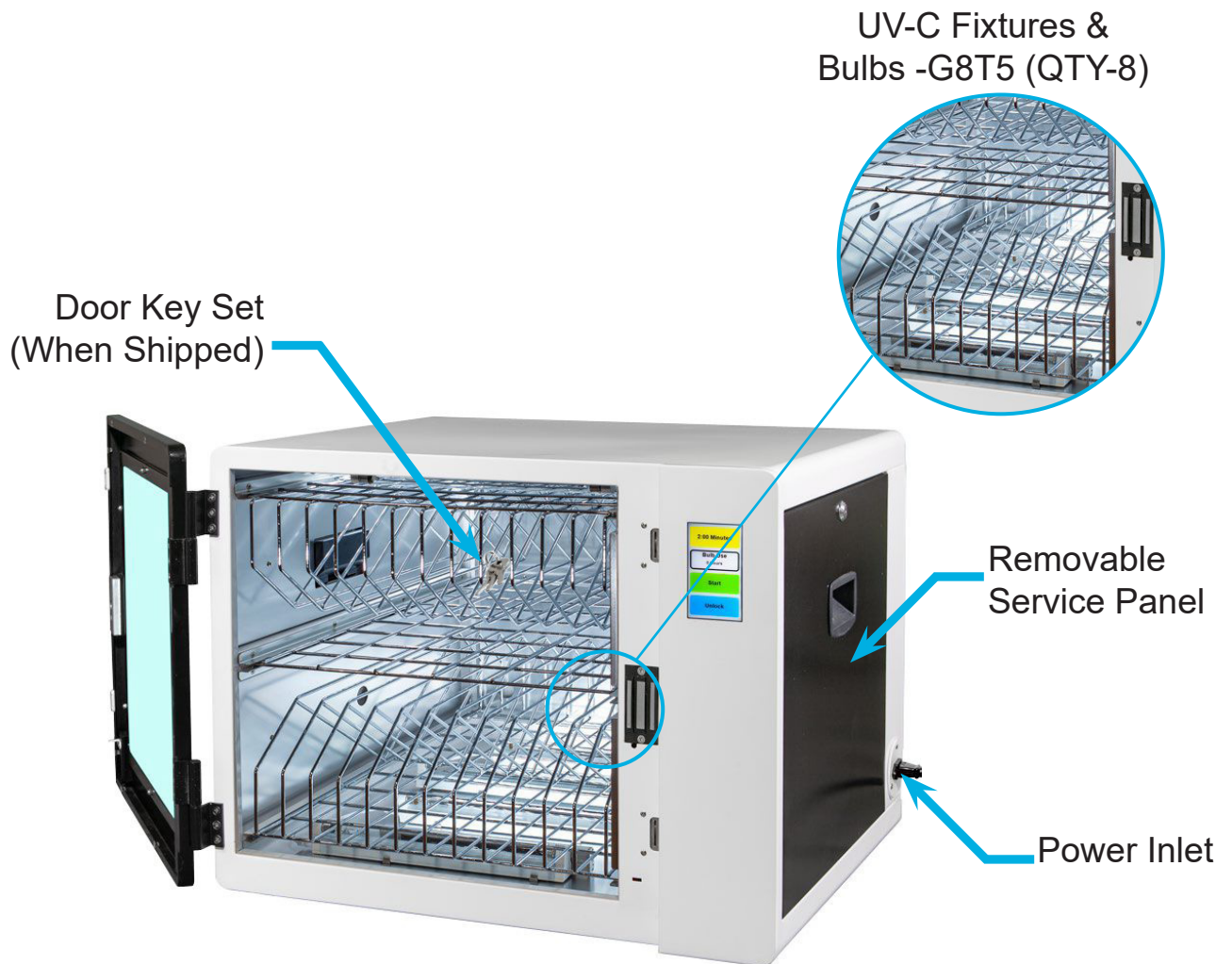Power Cord Plug
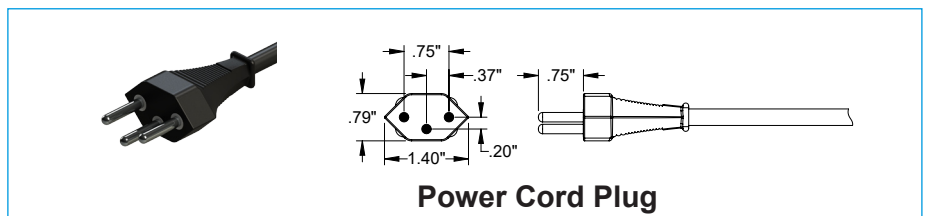
Rapid disinfection of laptops, tablets,smartphones, call devices, noninvasive portable clinical items & more. Easy to handle the device.

Carry Handle
(Both sides)

Touch Screen
Display

Door Handle

Front View of Cabinet

- If the device (Laptop / Chromebook) thickness is more than the gap between the Fixtures, remove one of the Fixtures to create enough space for your device.

UV-C Fixtures &
Bulbs -G8T5 (QTY-8)

Door Key Set
(When Shipped)

Removable
Service Panel

Power Inlet

Front View of Cabinet

- UV-C light will not penetrate dirt or grime therefore it is highly recommended that your device be physically cleaned periodically. Cleaning is NOT Disinfection and Disinfection is NOT cleaning.
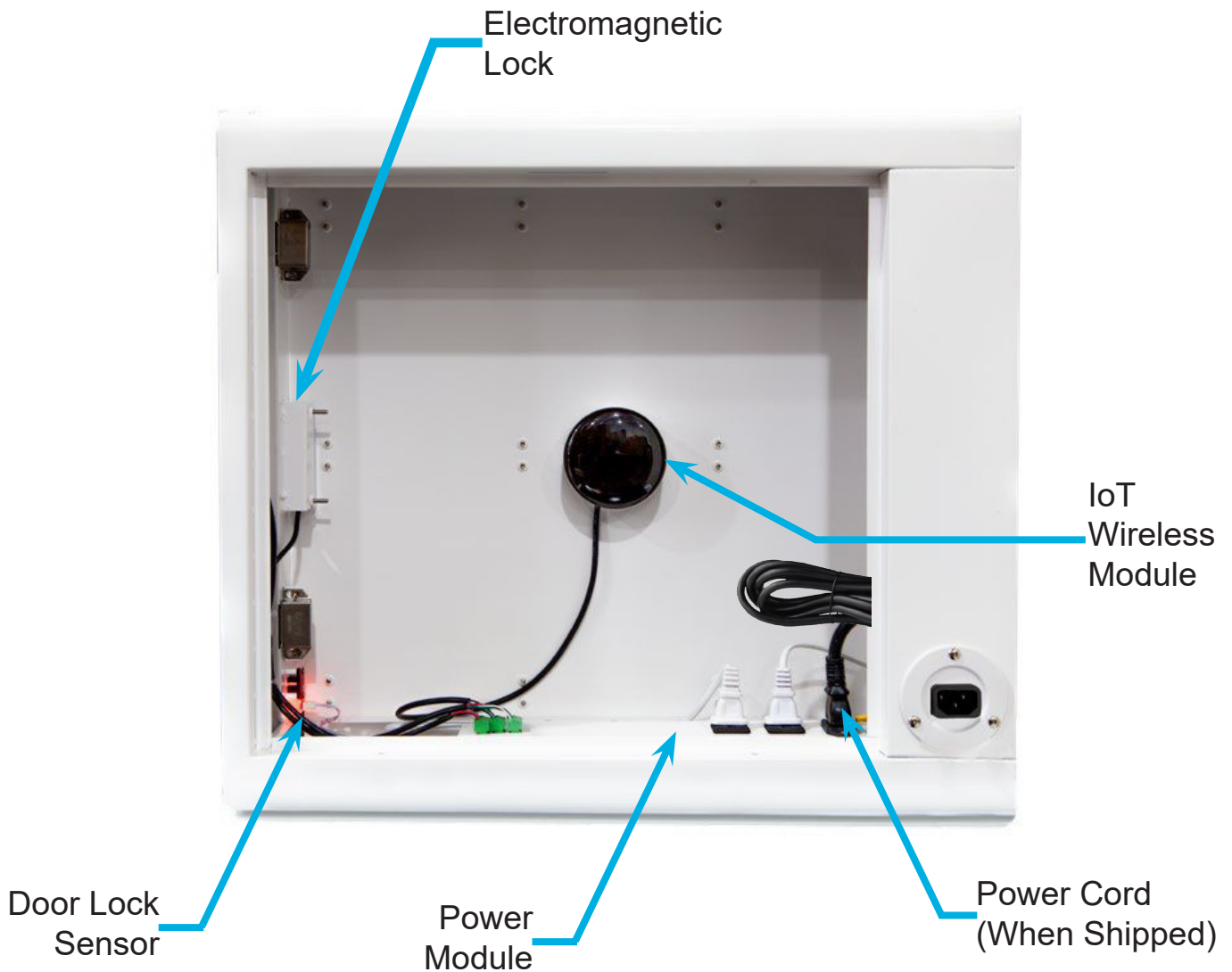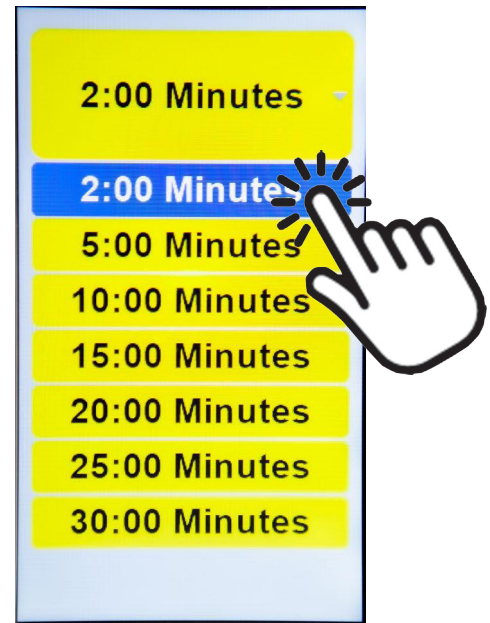

Left View of Cabinet (Removed Service Panel)

Basic Operation

• Please familiarize yourself with the following functions before placing devices inside the cabinet.
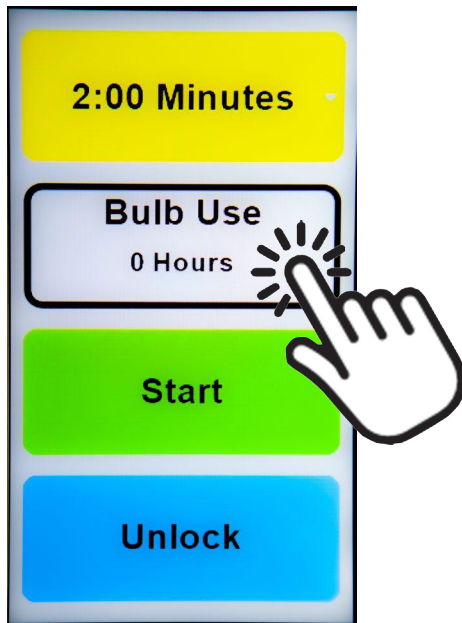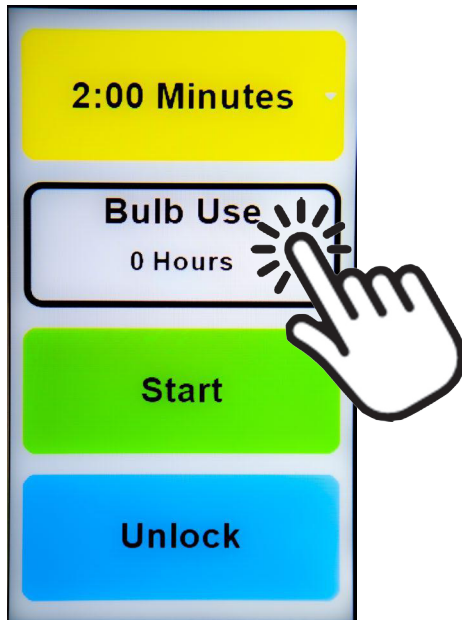

Disinfecting Time

Step-1: Press the YELLOW "Minutes" Button

Choose Time

Step-2: Select the amount of time from the drop down

Start Disinfecting

Step-3: Press the Green "Start" Button
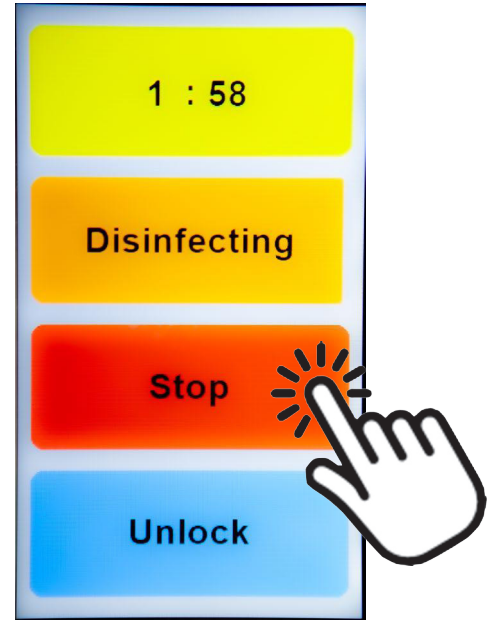
Disinfecting Process

Step-4: A 3-second countdown will alert you that the process has started

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Manually Stop Disinfecting

If necessary, you can stop the process at any time by pressing the RED "Stop" Button

The door can then be Unlocked by pressing the BLUE "Unlock" Button.

Determining Time

The germicidal properties of the (8) 254 nm UV-C bulbs used in the AC-CLEAN are documented to provide up to 4-log (99.99%) disinfection with just 2 minutes of exposure time. Additional time settings may be used for other organisms not listed.

The following list is provided as a guide of which organisms become deactivated within 2 minutes:

Bacteria

Bacillus anthracis
B. megatherium sp. (spores)
B. megatherium sp. (veg.)
B. parathyphosus
B.suptilis
B. suptilis spores
Campylobacter jerjuni
Clostridium tetani
Corynebacterium diphteriae
Dysentery bacilli
Eberthella typhosa
Escherichia coli
Klebsiella terrifani
Legionella pneumophila
Micrococcus candidus
Micrococcus sphaeroides
Mycobacterium tuberculosis
Neisseria catarrhalis
Phytomonas tumefaciens
Pseudomonas aeruginosa
Pseudomonas fluorescens
Proteus vulgaris
Salmonella enteritidis
Salmonella paratyphi
Salmonella typhimurium
Sarcina lutea
Seratia marcescens
Shigella paradysenteriae
Shigella sonnei
Spirillum rubrum
Staphylococcus albus
Staphylococcus aureus
Streptococcus faecalis
Streptococcus hemoluticus
Streptococcus lactus
Streptococcus viridans
Sentertidis
Vibrio chlolerae (V.comma)
Yersinia enterocolitica

Yeasts

Bakers' yeast
Brewers' yeast
Common yeast cake
Saccharomyces cerevisiae
Saccharomyces ellipsoideus
Saccharomyces sp.

Mould Spores

Aspergillus flavus
Aspergillus glaucus
Aspergillus niger
Mucor racemosus A
Mucor racemosus B
Oospora lactis
Penicillium digitatum
Penicillium expansum
Penicillium roqueforti
Rhizopus nigricans

Viruses

Hepatitis A
Influenza virus
MS-2 Coliphase
Polio virus
Rotavirus

Note: This UV-C product is not approved and/or certified as a medical device.
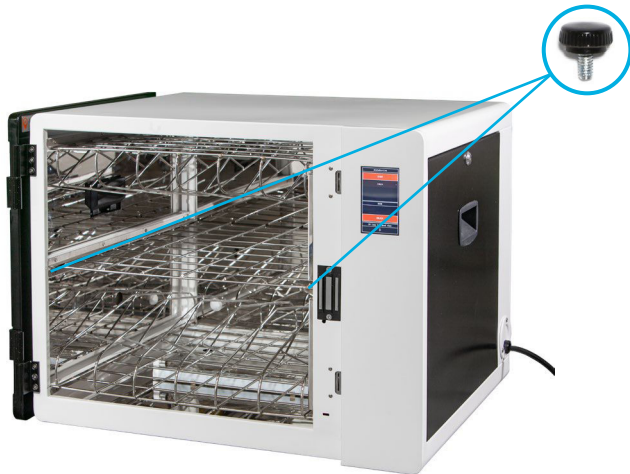
SETTING UP DEVICES :

Step-1: Open the door

Step-2: If your devices are less than 7.25" wide, place them directly onto the shelves.
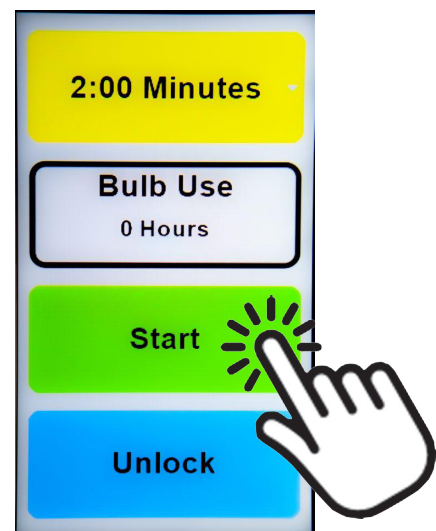

Step-3: If your devices are more than 7.25" wide, remove the thumbscrews from the left/right sides and pull the center shelf out.

Step-4: Place devices so that all surfaces are completely exposed.

Step-5: If needed, place less items inside to avoid crowding.

Step-6: Begin Disinfection process

CAUTION: UV Lamps contain mercury - manage in accordance with your local disposal laws. A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
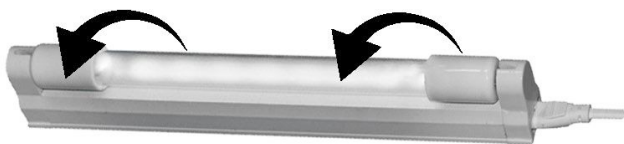
For maximum efficiency, change bulbs when one no longer works or more than 6,000 hours.
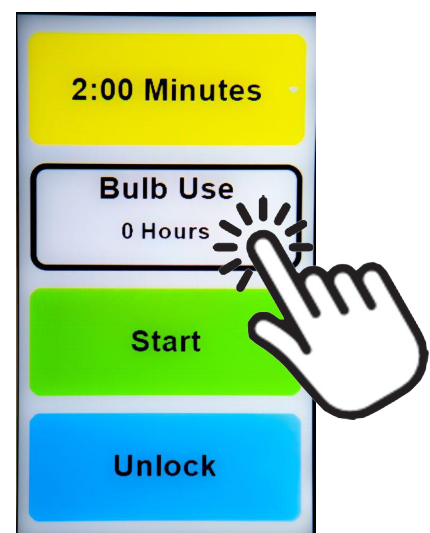

Step-1: With your unit unplugged from an electrical outlet, open the door.

Step-2: Remove the thumbscrews from the left side and pull the upper, middle & lower shelves out.

Step-3: Wearing cotton gloves, rotate the old bulb counter clockwise to release it from the lamp socket. Install new bulb by placing into lamp socket and rotating clockwise until you hear a click.

Step-4: Plug the unit back into an electrical outlet and reset the Bulb Use Hours counter by pressing "Bulb Use" for 6 seconds. Then, enter "0 - 3 - 1 - 4" when prompted.

Safety Instructions

Caution	
Notice	

**THIS IS NOT A TOY.
ALWAYS FOLLOW SAFETY INSTRUCTIONS.**

Danger	
Warning	

⚠ DO NOT place liquids on or near the cabinet.

⚡ **Important**

THE ELECTRICAL SYSTEM IS DESIGNED TO HANDLE A MAXIMUM OF 1400 WATTS per side. If wattage exceeds 1400W at one time, charging system may not operate correctly. Remove devices until the total wattage is under 1400W.

⚠ Don't connect the cart with broken electrical components.

- ALWAYS move the cabinet slowly and be aware of our surroundings.
- Used or broken bulbs should be disposed of in accordance with all applicable disposal laws.
- Repairs should always be performed by a qualified electrician.
- Set the power switch to the OFF position before you unplug the unit from the wall, plug the unit into the wall, or plug in devices.
- Do not touch bulbs or ballasts.
- Do not alter the construction or design. Do not remove safety labels or devices.
- Do not use this product around flammable or combustible materials.

⚠ DO NOT block fan or vent opening

This UV-C product is not approved and/or certified as a medical device.

⚠ DO NOT touch any part of the electrical system while plugged in.

For warranty claims, please have the following information ready, then visit
www.powertechnologies.com
to create a help ticket.

Serial Number:

Charging System Type:

Date Of Purchase:
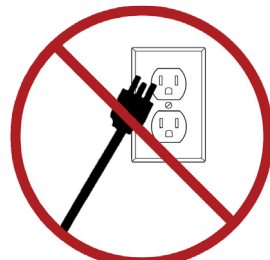
Reseller Name:

PO Number:

⚠ DO NOT use an extension cord with this unit.

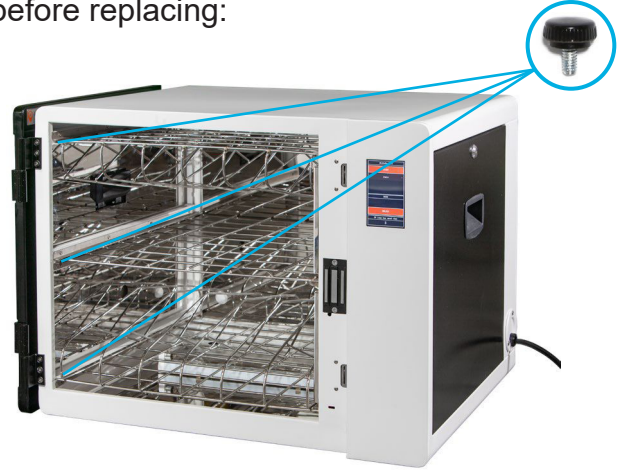DO NOT allow children to move or climb.
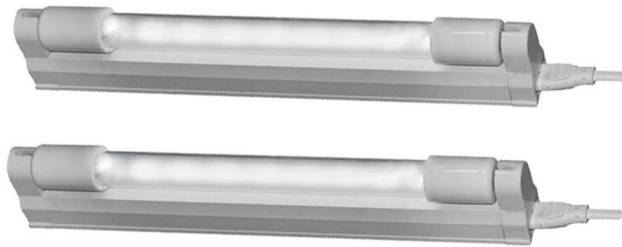
DO NOT over extend the power cord

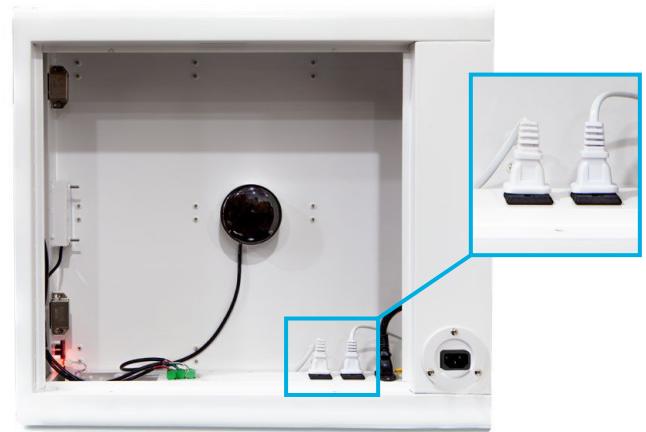If one or more bulbs is not working, follow these steps before replacing:

**Step-1:** With your unit unplugged from an electrical outlet, open the door.

Step-2: Remove the thumbscrews from the left side and pull the upper, middle & lower shelves out.

Step-3: Locate the series of bulbs next to the non-functioning bulb, then ensure all power cords are fully inserted in place.

Step-4: If more than one bulb is non-functioning, open the Removable Service Panel and ensure the white power cords are completely plugged in.
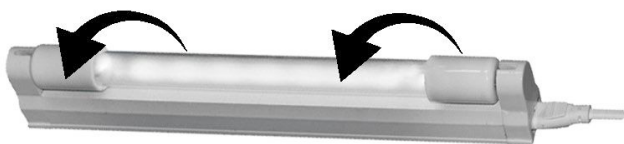
Step-5: Wearing cotton gloves, rotate the bulb to ensure it is seated correctly (clicks in place).

Step-6: Plug the unit back into an electrical outlet and verify the bulb is functioning.

For further information on this product and others, contact Power Technologies at.

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