



CASPR™ TECHNOLOGIES

CASPR 200



OWNER'S MANUAL

CAUTION: Read manual carefully for proper procedures and operation.

Congratulations

on your purchase of a CASPR Technologies enhanced air and surface disinfection system. Please read and follow all safety warnings and service procedures outlined in this manual. Use only genuine CASPR Technologies replacement parts available from your CASPR Technologies Distributor.

If you have any questions concerning this or any CASPR Technologies product, contact your CASPR Technologies Distributor.

To learn more about the CASPR Medik and other CASPR Technologies products and technologies, please visit our website at www.casprtech.com.

Table of Contents

| | |
|---|---|
| Warnings | 3 |
| Specifications & Contents..... | 4 |
| Installation for Elevators | 5 |
| Installation for PTACS | 6 |
| Maintenance & Replacement parts (purchased separately):..... | 7 |
| Replacing Cell | 8 |
| Warranty Information..... | 9 |

IMPORTANT SAFETY INSTRUCTIONS



When using an electrical appliance, basic precautions should always be taken.

READ ALL INSTRUCTIONS BEFORE USING THIS PRODUCT

WARNING!

To reduce the risk of fire, electrical shock, or injury:

- Use only as described in this manual.
- Never operate unit near a heat source, open flame or flammable/combustible fluids.
- Do not operate unit unless all parts (including Cell, & bulb) are properly installed.
- Directly viewing the lamp for an extended period may result in eye damage.
- Do not allow foreign objects to enter the ventilation openings.
- Unit should be powered OFF and Power Cord should be disconnected when Cleaning/Disassembling/ Reassembling/ Servicing.
- **Do not touch NC₂I bulb with bare hands.**

| | |
|---|--|
|  | <p style="text-align: center;"> WARNING</p> <p>WARNING! - UV light in operation. Disconnect unit from power supply before servicing. Failure to follow warnings may result in severe eye damage.</p> |
|---|--|

This manual applies to both CASPR 200 and CASPR 200e

Specifications

ELECTRICAL:

AC Adapter

- Input: 100-240 VAC, 50/60 Hz, .5A
- Output 12V, 1.0A
- 13 Watts

CASPR 200

- 12 VDC, .1A

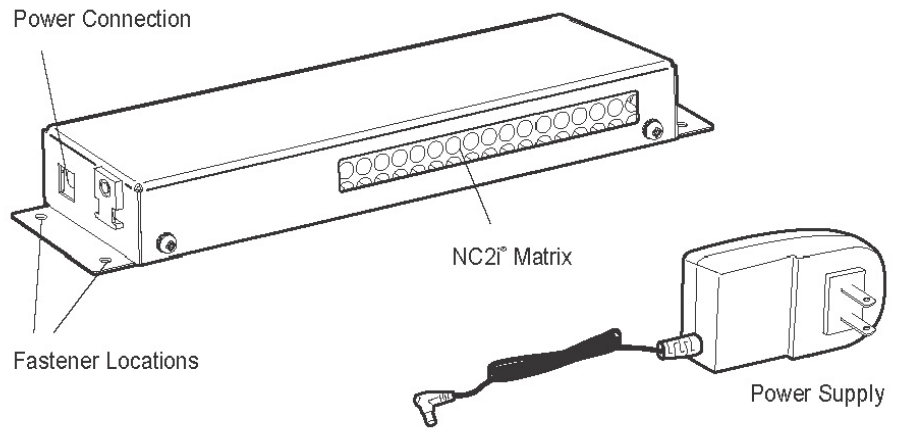
SIZE: (HxWxD)

1.25" x 2.25" x 10.38"

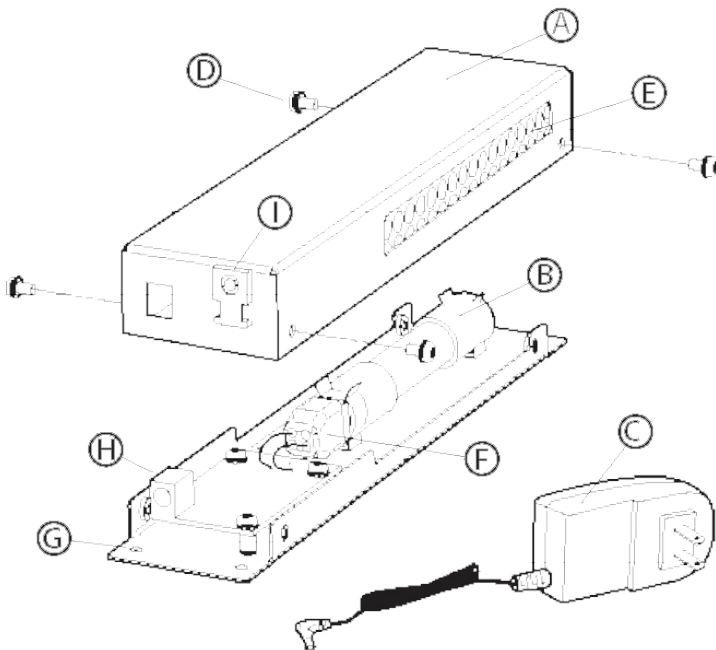
Weight

2.9 lbs.

Unit Contents



Parts View



| | PART | ITEM# |
|---|-------------------------|---------|
| A | Cover | CA71030 |
| B | UV Bulb | CPTAC03 |
| C | Power Supply | CA70146 |
| D | Cover Screws | CA70827 |
| E | NC2i Cell | CA10010 |
| F | UV Bulb Power Connector | |
| G | Mounting Holes | |
| H | Power Connector | |
| I | Retainer Clip | |

Installation For Elevators

Material Included:

- 1 - CASPR Unit

Additional Material:

- 25 - self-tapping metal screws
- 6" heavy-duty Velcro/double-sided tape
- 12' x ½ inch flex
- 10 - 1-hole straps/clips for flex
- 2 - straight flex connectors
- 2 - 90 flex connectors
- 1 - Junction box (handy box)
- 1 - Duplex receptacle
- 1 - Duplex receptacle cover
- 3 - 12' #12 AWG wire black, white, and green
- 2 - ½ inch round rubber grommets
- 10 - "Sticky backs" zip tie holders

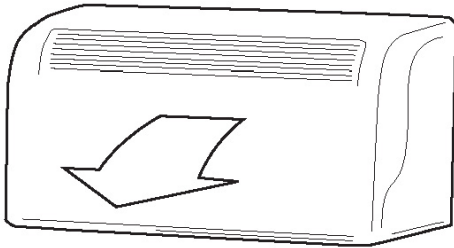
1. Go over mounting locations/options with the customer (Exposed or Concealed)
2. The CASPR unit should be located so that it can be accessible for service or replacement.
3. Once the location is decided, attach the CASPR unit to the Cab walls or Cab ceiling using (Recommended Velcro, double-sided tape, or screws.)
4. Install the outlet on the car top utilizing the existing 110-volt circuitry.
5. Once the outlet and unit are installed run power cable, plug transformer end into the outlet and twist-lock end into the CASPR unit.
6. Once the CASPR unit is plugged in, the UV lamp should be illuminated.
7. Clean the cab and cartop and turn over for use.

Installation for PTAC Units

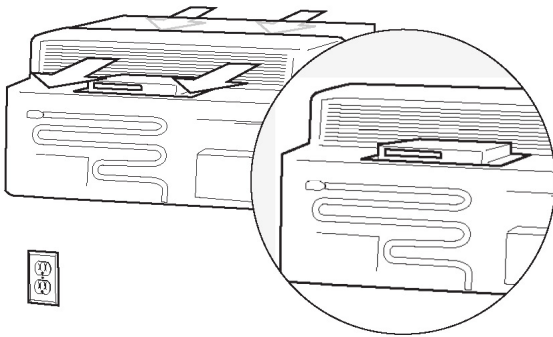


WARNING: Disconnect power to the AC unit at the breaker or fuse panel before installing unit.

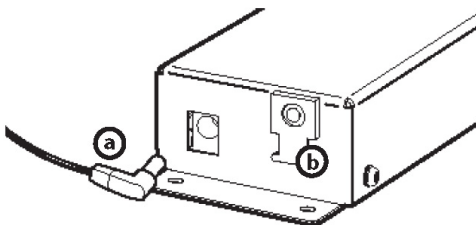
1. Remove cover from PTAC air unit as per the manufacturer's recommended procedure. Refer to your PTAC unit's owner's manual for detailed instructions.



2. Unit placement varies depending on unit. However, the CASPR 200 should be placed in the direct airflow of the air unit.



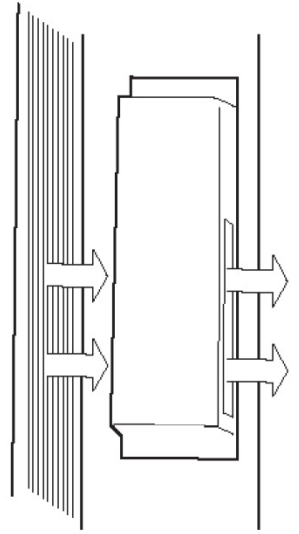
4. Run the power cord in an out-of-the-way location toward the electrical outlet.



CASPR 200 PLACEMENT

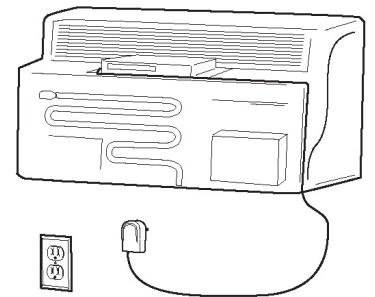
Air Flow:

CASPR 200 should be placed in the direct air flow of your PTAC unit. Optimum location will allow air to pass into unit from one side and exit on the opposite side. See diagram.

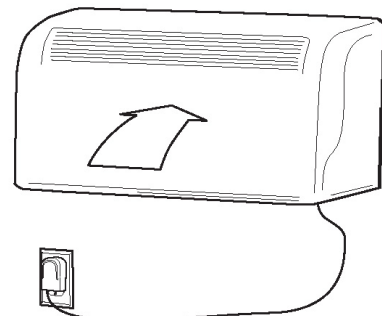


Downward View

3. Connect the power supply cord by inserting plug into power inlet (a). Spin the cord clip (b) up and place power supply cord under retainer. Return retainer clip to its original position.



5. Replace cover on PTAC air unit and plug in CASPR 200.



Maintenance

The UV bulb must be replaced every 18-24 months to maintain optimal performance. For detailed replacement instructions, see the "Changing the UV Bulb" section of the manual.

Regular Maintenance

Conduct periodic inspections of the unit for dust and debris accumulation
Clean the unit when buildup is observed to ensure proper operation

Important Notes

Regular maintenance ensures continued effectiveness of the air purification system. Follow all safety procedures outlined in the manual when performing maintenance

Cleaning the Unit

1. Disconnect the power supply to the CASPR 200.
2. Remove unit from PTAC unit.
3. Wipe CASPR 200 with a damp cloth.
4. Use a vacuum with hose to clean the NCC Cell on either side of the CASPR 200.
5. When CASPR 200 is free from moisture, return unit to PTAC and plug power supply back into outlet.

Disposal Of The NC2I Cell

Please do not throw the used NC2I Cells in the garbage.

The special germicidal UV bulb used in the CASPR 200 contains some insignificant amount of mercury. Contact your local Waste Management Center for a proper disposal procedure.

Replacement Parts

Bulbs:

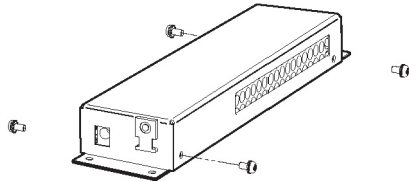
Bulb Part Number: CPTAC03

Changing the UV Bulb

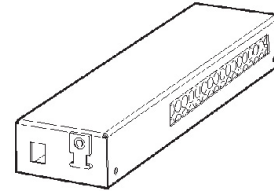


WARNING: Disconnect Power from the CASPR 200 before servicing.

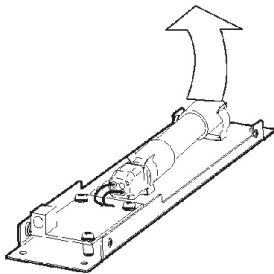
1. Remove the four (4) cover screws from the sides of the CASPR 200.



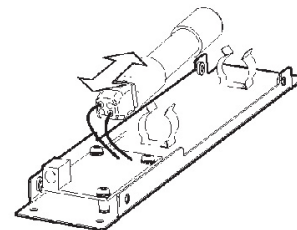
2. Remove the cover by lifting away from the base.



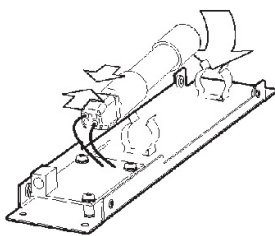
3. Remove the UV bulb by lifting the end away from the bulb retaining clamp.



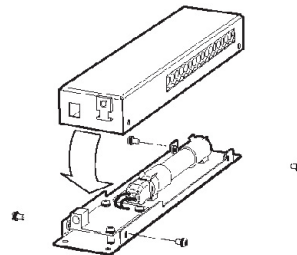
4. Unplug the UV bulb from the power supply.



5. Replace UV bulb by reversing steps 3 and 4.



6. Return cover and replace screws.



Warranty Information

NDS Sales LLC d/b/a CASPR Technologies (as "Seller") offers the following Express Limited Warranty to a buying customer (a "Buyer") of a CASPR product (the "Product"):

Seller warrants to Buyer that (a) the Product will be free from defects caused by faulty workmanship or materials for five years from date of purchase when operated under normal conditions and in accordance with Seller's recommended use (the "Product Warranty Period)," and that (b) the Components (comprised of a bulb and a cell) will be free from defects caused by faulty workmanship or materials for one year from date of purchase when operated under normal conditions and in accordance with Seller's recommended use (the "Components Warranty Period)."

SELLER EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED.

Should Buyer discover a covered defect within the Product Warranty Period or the Components Warranty Period, Seller will repair or replace (at Seller's cost) the Product and/or the Components. Buyer's sole and exclusive remedy for Product or Components defects is limited to repair or replacement.

To confirm coverage or to schedule repair or replacement under this Express Limited Warranty, Buyer should contact Seller at www.casprtech.com/warranty and provide the serial number located on the Product and proof of purchase. Absence of a serial number or proof of purchase may void the Express Limited Warranty.

This Express Limited Warranty does not extend to or cover Product damage caused by accident, fire, flooding, exposure to temperature extremes, abuse, misuse, improper or unauthorized installation, modification, misapplication, or repairs performed by persons other than Seller. Repairs performed by persons other than Seller or Seller's authorized representative will void the Express Limited Warranty.

This Express Limited Warranty does not extend to or cover incidental or consequential damages incurred by Buyer arising from, related to, or in connection with, any Product or Components defects, including but not limited to downtime costs, loss of use, loss of revenue, and/or loss of profits.

SALES THROUGH DISTRIBUTOR OR RESELLER

To the extent the Product is purchased by Buyer from an authorized CASPR distributor or reseller, this Express Limited Warranty passes through to Buyer.

FOR U.S. APPLICATION ONLY

Product warranties are governed by state and federal laws and may vary from state to state. This Express Limited Warranty provides

Buyer with specific assurances regarding repair or replacement of the Product. Other warranties are expressly negated.

FOR CANADIAN APPLICATION ONLY

Canadian, provincial, and territorial sales laws may govern implied warranties. This Express Limited Warranty provides Buyer with

specific assurances regarding repair or replacement of the Product. Other warranties are expressly negated. Should there be a difference

between this Express Limited Warranty and Canadian law regarding implied warranties, Canadian law will control.



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