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NORDLAND
LIGHTING®



General Information

Standard Use

The NORDLAND UV Clean Air is specifically designed for the disinfection of air in residential, offices, reception areas, retail stores, doctor's rooms, surgery industrial areas etc. Once the NORDLAND UV Clean Air is powered and turned on, air starts circulating over UVC lamps cleaning and purifying the air that passes over the lamps. The disinfection and purifying is started by powering the unit from mains (220V AC + 10%) mounting the lid, ensuring the micro switch engages inside of the NORDLAND UV Clean Air. A LED light illuminates in green indicating the unit is powered and actively purifying and disinfecting the air that enters. The LED changes to a RED colour indicating the lamps are due for replacement. Opening the lid will disengage the micro switch, switching the unit off to safely replace lamps.

CAUTION: Designed and extensively tested for the disinfection of air. UVC is extremely harmful to living organisms and may cause damage to other objects placed in this device. Please use extreme caution when using this device in ways other than specified as severe damage to the device and injury to the operator may result if misused. Uses UVC lamps tested to last 8000 hours (approximately 18 months, assuming a 12 hour daily use) before requiring replacement. Designed for use in residential, offices, reception areas, retail stores, doctor's rooms, surgery industrial areas etc.

Standard 1 year warranty, T&C's apply as per the Sales Terms and Conditions.

Package Contents

1 x Nordland UV Clean Air unit

1 x User Manual

All related cabling and plugs (if applicable)

Unboxing the NORDLAND UV Clean Air

Mount the unit to the wall (model dependent) using appropriate sized plugs and screws, and on the indicated wall mount positions.

Installing UVC Lamps

The unit comes pre-installed with either 1 or 2 UVC lamps (model dependent). When replacing a UVC lamp please ensure to use the correct lamp for the holder

Lamp Holder size: 2G7 4-pin

Lamp: Nordland GPLPW/4P 9W UVC Germicidal lamp

Manufacturer: Nordland Lighting - sales@nordland.co.za - +27 (0) 10 442 2809

Open the NORDLAND UV Clean Air lid and locate the one or two lamp holders, depending on model inside the device. Align the four end pins with the slots on the lamp mounts. Push the pins fully into the lamp holders. The pins will click into place. Repeat for the remaining lamps.

After installing the lamps, feel if they are seated properly inside the lamp holders.

CAUTION: Always use extreme caution while handling the Lamps.

Functionality

Powering the NORDLAND UV Clean Air

Insert a 3-core power cable into the terminal block on the inside of the device, depending on model, and install the other end into your switched power circuit or to your DB board. The LED indicator light on the side will illuminate solid green when powered correctly and when the micro switch is engaged. If the LED light does not come on check the wiring and power input from your circuit.

Close and secure the lid with the screws.



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Functionality continue...

Switch the unit on, if wired through a switch, and check if the LED indicator is solid green.

Air purification and disinfection has now commenced.

CAUTION: The lid of the NORDLAND UV Clean Air is designed to always engage the micro switch during operation and when properly installed. Never, under any circumstance, attempt to bypass the micro switch to open the lid during operation. Eye and skin damage may result if lid is opened while the UVC lamps are active.

LED indicator lights

An indicator LED light along the side illuminate with different colours to indicate operating conditions:

- Solid Green - Disinfection and purification is active and the unit is powered.

- Solid Red - Lamps end-of-life indication. Please note that the unit is still powered and caution must be taken to avoid UV exposure.

The NORDLAND UV Clean Air will be unable to perform efficiently until new lamps are installed. Please follow UVC bulb replacement steps.

An Indicator LED that is off indicates a device fault and the NORDLAND UV Clean Air will not run until the fault is cleared.

Please refer to the steps below to clear possible fault conditions.

Troubleshooting Steps

Step 1 – Re-seat lid

Turn off power to the NORDLAND UV Clean Air and ensure the micro switch has engaged with the lid being securely installed.

Turn the device back on.

If the LED indicator stays off, proceed to Step 2.

Step 2 – Check mains power

Turn off power to the NORDLAND UV Clean Air and ensure the power input is securely connected to the supplied terminal block inside the device. Measure the power input to the unit to ensure there is power flow to the device.

Ensure the micro switch has engaged with the lid being securely installed.

Turn the device back on.

If the LED indicator stays off, proceed to Step 3.

Step 3 – Replace Device or send for repair/assessment

An indicator LED light that continues to stay off indicates an electronic issue with the device. The NORDLAND UV Clean Air needs to be replaced or assessed by the manufacturer.

If the device is under warranty, you will receive a replacement at no charge. Please contact your NORDLAND Representative or call Nordland at +27 (10) 442 2809 or sales@nordland.co.za

CAUTION: Only use approved NORDLAND UVC replacement lamps. Never substitute or use other UV lamps in the NORDLAND UV Clean Air. UVC disinfectant dosage delivered by the device cannot be guaranteed if non-approved UV replacement lamps are used. Additionally, usage of non-approved UV lamps negates compliance of the device.

Order code for Replacement Lamps: LP1065

Safety and Operation

Device operation safety:

The NORDLAND UV Clean Air uses UVC radiation to disinfect and purify air.

UVC radiation is high in energy and harmful to living tissue. The NORDLAND UV Clean Air is specifically designed to air.

DO NOT pour, spray or use liquids in the device.

DO NOT disassemble.

DO NOT place device near extreme heat or open flames.

DO NOT use the NORDLAND UV Clean Air to disinfect liquids.

DO NOT block the air intake or exhaust on the device. Failure to adhere to these instructions may lead to bodily injury.

UVC lamps: UVC lamps used in the NORDLAND UV Clean Air are tested to last 8000 hours (assuming a 12 hour usage cycle), or approximately 18 months, before requiring replacement. Designed for use in residential, offices, reception areas, retail stores, doctor's rooms etc.

Cleaning device: INTERIOR: Never spray or pour liquid cleaners inside the device.

Cleaning device: EXTERIOR: The device exterior may periodically be wiped with a soft cloth and mild cleaner. Never use harsh chemicals or spray cleaner directly onto the NORDLAND UV Clean Air. Always spray cleaner onto a soft cloth, then wipe the outside surface of the device.

CAUTION: Never use liquid cleaner or pour liquids directly into the NORDLAND UV Clean Air. Severe damage to the device or bodily injury may occur.

Preventative maintenance:

Remove dust buildup from mesh filters by lightly dusting and cleaning off the buildup with a lint free cloth. A small, dry brush may also be used to remove collected dust.

Recycling and Disposal of used UVC lamps:

UVC lamps contain trace amounts of mercury and should be disposed of according to local regulations for fluorescent lamps.

Alternatively, used UVC lamps can be returned for recycling if local options are unavailable.

Place used UVC lamps in the box from the replacement lamps and return them to Nordland Lighting.



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WARNING!

ULTRAVIOLET LIGHT SOURCE
Do NOT look directly at lamp.
CONSULT MANUAL