UV-C Safety Instructions

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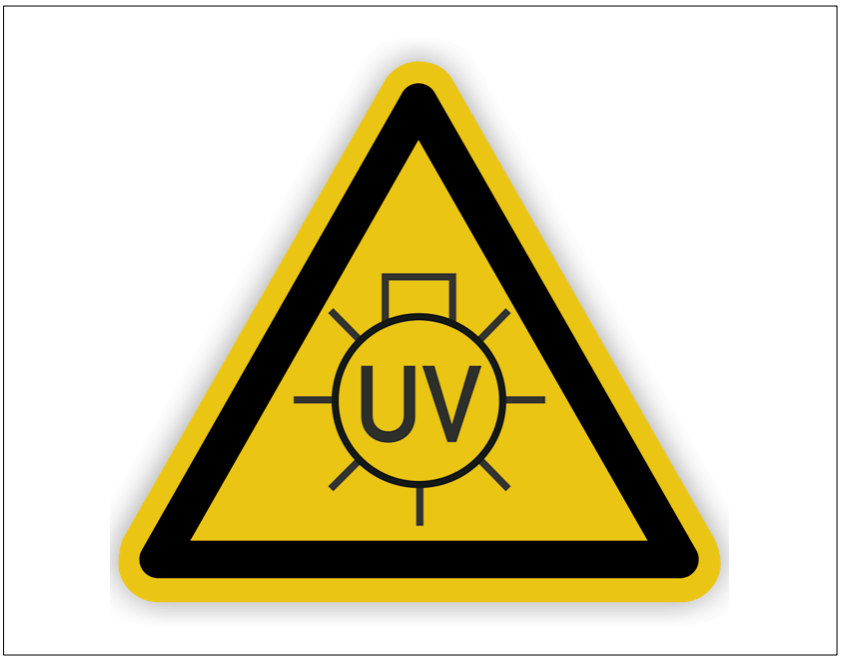
UV-C Safety Instructions

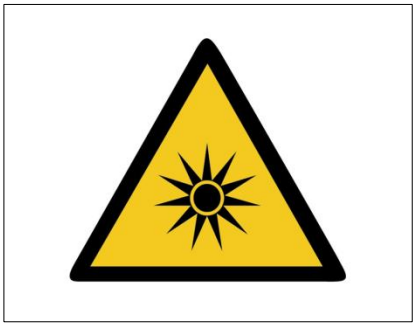
Danger due to UV Radiation
UV-C radiation is dangerous and can cause damage to health. All persons who are in the same room with open UV-C devices and emitting UV-C radiation are obliged to wear completely closed protective clothing (protective suit, protective helmet, protective glasses and gloves).

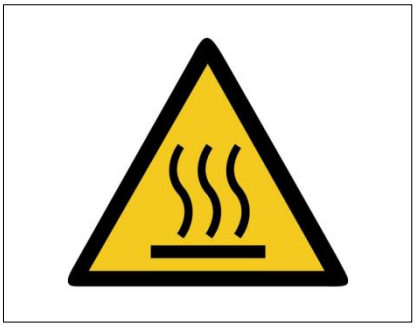
Safety Measures
- Do not irradiate humans, animals and plants directly
- Personal protection measures are mandatory
- Avoid exposure of skin and eyes
- Cover exposed skin areas
- Do not look into the radiation without UV-C protective glasses
- UV-C radiation protection during all possible operating conditions
- The operator bears the responsibility for the proper and professional operation of the UV-C devices in his rooms

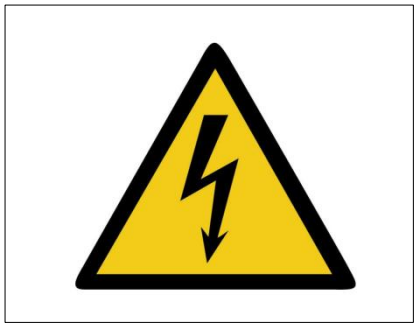
Warnings and Cautions
- Changeover circuits, warning signs, forced shut-offs are to be installed in accordance with the regulations
- Mark the working area with appropriate warning signs
- Use an emergency stop switch depending on the application
- Protect work area from unauthorized access
- Provide safety switches (e.g. on door handles)
- Provide presence detectors at the room access points
- Shielding of the UV-C source by the housing
- Use of UV-C opaque housing materials and UV-C filters
- Do not make any modifications to the UV-C unit

UV-C Emitters - Exchange
- Testing UV resistance and color fastness of materials to be irradiated
- Disconnect UV-C units from the power grid during maintenance work
- Use of UV-C protective goggles, UV-C protective clothing and protective gloves
- UV-C emitters should only be replaced with safety goggles, protective gloves and protective clothing
- Never touch the UV-C emitter with the naked hand









UV-C Sicherheitshinweise

- Attention: Danger of implosion due to negative pressure
- Touching the UV-C emitters only 10 minutes after switching off
- Do not touch irradiated surfaces immediately after application due to risk of burns

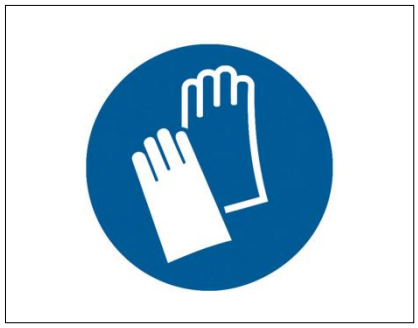


UV-C Units, Maintenance

- A UV-C unit may only be operated in perfect and clean condition
- It is forbidden to remove, change, bridge or bypass any protection, safety or monitoring device
- It is forbidden to convert or change the UV-C system without written approval
- Malfunctions or damage must be reported to the operator immediately; these must be eliminated immediately with original parts
- In case of repairs, the UV-C unit must be switched off and disconnected from pressure and voltage
- The safety instructions and operating instructions in the documentation must be observed in any case
- Only instructed, trained or qualified persons may carry out maintenance work on the system
- After a maintenance activity the UV-C system may be started only with all mounted safety devices
- For the operation of the device, the national employee protection conditions as well as the national safety and accident prevention regulations apply
- No objects or tools may be placed in the unit
- Damaged unit parts must never be put into operation
- It is forbidden to touch moving parts and UV-C emitters that are switched on







Trained Personnel

- Trained personnel supervise the operation of the devices
- Trained personnel instruct the other employees from the work area
- Persons who install, use or maintain the device must have the safety instructions available and observe them



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