

## UV-CABINET-H-NX-C

### AISI 304 Stainless Steel Germicidal UV Cabinet for Disinfection and Maintenance of Sterility of knives

UV-CABINET preserves the hygiene of tools, containers and of any type of equipment in the food sector. As a matter of fact, commonly used objects in food processing have the need to be disinfected to maintain high hygiene and quality standards, typical of this sector.

With UV-CABINET, it is possible to perform the disinfection of equipment and tools in a simple, immediate and safe way, without developing heat, without using liquids and without any contraindications. The cabinet is equipped with different UV-C lamps, positioned uniformly in order to radiate all surfaces to be disinfected and without any shadows. Moreover, the internal reflection increases the irradiation power, managing to significantly lower the exposure time required to achieve the disinfection level of 99.9%.



The use of the UV-CABINET is indicated when it is required to preserve the sterility of the tools, even hours after washing, so that they can be used safely during operations. It is shown how, in the food industry, an increased in hygiene level allows a consequent and general product quality increase and, more specifically, the storage of materials inside the UV-CABINET achieves the elimination of bacteria such as Bacillus, E. Coli, Clostridium, Legionella, Vibrio, Salmonella, Pseudomonas, Staphylococcus, etc. in just 4 minutes of operation.

## TABLE

UV-CABINET-H-NX-C	NX-1/3C	NX-2/3C
LAMP LIFETIME (hour)*	≤ 18.000	≤ 18.000
RECOMMENDED REPLACEMENT (MAXIMUM EVERY 2 YEARS)	- 1 hour for every switching ON-OFF	
TOTAL CONSUMPTION (W)	130	240
EXTERNAL DIMENSIONS LXPXH (mm)	600 x 450 x 2100	1100 x 450 x 2100
INTERNAL DIMENSIONS LXPXH (mm)	590 x 380 x 1870	1090 x 380 x 1870
WEIGHT (Kg)	60	90
KNIVES HOUSINGS Nr.	from 11 to 16 (X 3 shelves)	from 20 to 30 (X 3 shelves)
EQUIPMENT	1 door, 3 shelves with knives	2 door, 3 shelves with knives
PROTECTION RATING	IP 20	
REPLACEMENT LAMP	n°3 CHS-40WH	n°3 CHS-90WH

## Installation instructions

To switch ON the device, plug it in using the SCHUCKO, IEC plug.

Be careful that the chosen location will not impact the surrounding environment; Light Progress has designed all units with no sharp edges, burrs, etc. For a proper opening of the doors, make sure that the cabinet will work on a perfectly flat floor and use a spirit level. Always place UV-CABINET against a wall and, when it is possible, fix it on it to avoid accidents.

**UV-CABINET-NX-1/3C**



**UV-CABINET-NX-2/3C**



### UV-CABINET-NX is composed of:

UV-CABINET series includes several models of floor standing and wall unit cabinets, with one or two doors, with shelves or provided with the specific knives rack (UV-CABINET-C). UV-CABINET has a stainless steel structure and a door with a special LEXAN and anti-UV window, which allows to check the inside of the cabinet and its operation at any time. UV-CABINET is equipped with automatic shut-off system of lamps, in case of opening of the door. The management of the turning on is carried out via the top panel, which allows to set the automatic timed switch-on, by means of the switch and the timer.

The lamps are lit every time the door is closed and the treatment continues for the operation time set; between a disinfection cycle and the other one, it is possible to set the “pause” time, depending on needs, after which the lamps will turn back on automatically for a new disinfection cycle to maintain sterility for a long time. UV-CABINET is entirely manufactured in Italy, with high quality and extremely resistant materials.