

Industry: Medical, Pharma, Food and Beverage

UV-CABINET-NX



UV-C devices

UV-CABINET preserves the hygiene of tools, containers and of any type of equipment in the food and health 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%.

Installation

UV-CABINET series includes several models of floor standing and wall unit cabinets, with one or two doors or provided with shelves (UV-CABINET-R) or provided with the specific support for endoscopic probes (UV-CABINET-E).

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.

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

TECHNICAL FEATURES

Selective UV-C Light Progress lamp (emission peak at 253.7 nm./ +0z 183 nm.) high efficiency, pure quartz.

Flange in STAINLESS STEEL AISI 304.

All materials are tested for resistance to intense UV-C rays and Ozone.

IP 40 protection.

Powered by electronic ballasts specific for Light Progress UV-C rays lamp.

CE mark (LVD - EMC - MD - RoHS).

TECHNICAL SPECIFICATIONS

	UV-CABINET -H-NX-2/2	UV-CABINET -H-NX-1/5	UV-CABINET -H-NX-1/4E	UV-CABINET -H-NX-2/5
				
REPLACEMENT LAMP (EVERY 2 YEARS MAX.)	n°2 CHS-90WHF	n°5 CHS-40WHF	n°4 CHS-90WHF	n°5 CHS-90WHF
POWER CONSUMPTION	160W	200W	310W	390W
DIMENSIONS (WxHxD)	mm 1100 x 880 x 420 (in 43.31 x 16.54 x 34.65)	mm 600 x 2100 x 450 (in 23.62 x 82.68 x 17.72)	mm 600 x 2100 x 450 (in 23.62 x 82.68 x 17.72)	mm 1100 x 2100 x 450 (in 43.31 x 82.68 x 17.72)

	UV-CABINET -H-NX-2/2	UV-CABINET -H-NX-1/5	UV-CABINET -H-NX-1/4E	UV-CABINET -H-NX-2/5
INTERNAL DIMENSIONS (WxHxD)	mm 1030 x 700 x 380 (in 40.55 x 27.55 x 14.96)	mm 590 x 1870 x 400 (in 23.22 x 73.62 x 15.74)	mm 590 x 1870 x 400 (in 23.22 x 73.62 x 15.74)	mm 1090 x 1870 x 400 (in 42.91 x 73.62 x 15.74)
WEIGHT	kg 45 lb 99.20	kg 60 lb 132.28	kg 60 lb 132.28	kg 60 lb 132.28
INSTALLATION	Wall mounted 2 doors	Floor-standing 1door	Floor-standing 1door	Floor-standing 2 doors
EQUIPMENT	2 shelves	5 shelves	4 probes holder	5 shelves

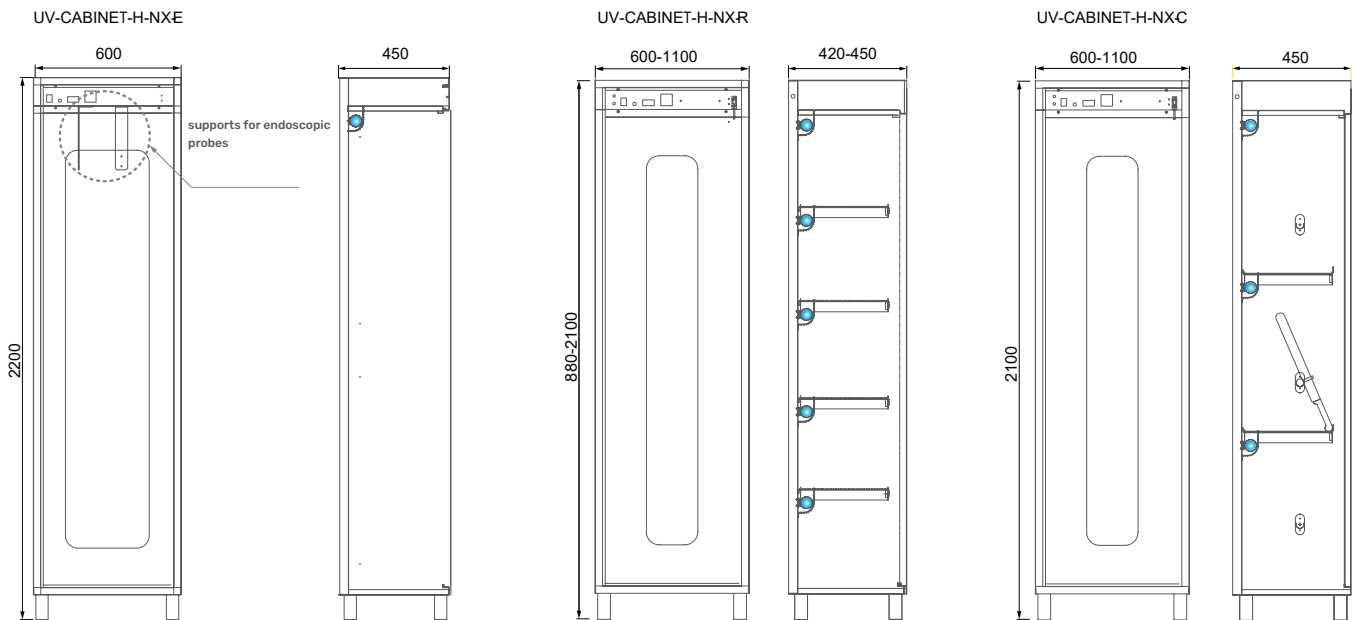
FOR ALL MODELS

LAMP LIFE (hours)*	≤ 18.000
PROTECTION RATING	IP 20
OP. TEMPERATURE **	min. -15°C ÷ max. +40°C (min. 5.0°F ÷ max. +104.0°F)
OP. RELATIVE HUMIDITY**	From 20 to max. 90%
V AC FREQUENCY	230V or 110-277V 50/60 Hz
ELECTRICAL CONNECTION	Power supply cable 3x1 mm² 5m; with plug (SCHUKO/others)

* Continuous operation

** Outside of these ranges, performance may not be optimal

TECHNICAL DRAWINGS





S P E C T R A

PROFESSIONAL UV SOLUTIONS

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