

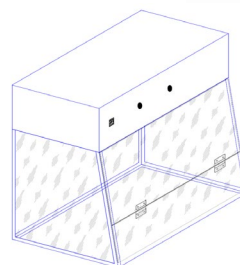
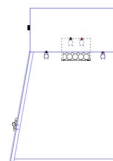
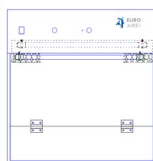


# PCR CABIN WITH UV IN AIR RECIRCULATION

## Model PCR UV-RA

### TECHNICAL CHARACTERISTICS

- Units designed for the preparation of PCR reactions and other molecular biology methods, where a contamination-free environment is required.
- It is a cabin that protects the working material by UVC germicidal UV light with air recirculation.
- Complete metal construction or construction with metal skeleton and plexiglass walls 8 mm (PMMA – ALTUGLAS EX). Removable stainless steel work surface that allows easy cleaning.
- Front panel in glass or in Plexiglas (PMMA 4 mm sectioned in two pieces mounted on hinges with front opening of 170 mm, so that it allows to close completely the unit.
- The unit incorporates two UV systems.
- Lamp 20 W UVC traditional irradiation on the work surface, which will be switched with White LED light and door opening.
- Two lamps of 20 W UVC in the air recirculator with fans that allow air passage from the work area in 100 recirculations / hour
- Electrical requirements: 220V. Consumption 80 watts.



### GENERAL CHARACTERISTICS

UV PCR - RA is ideal for operating with protection of pcr jobs without laminar flow OR HEPA FILTER.

This unit is designed to provide complete irradiation to the product, in jobs where complete sterility is required. This is the case for PCR procedures or for sterilization by ultraviolet light.

Optional: Support table

#### MAIN OFFICE

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### TECHNICAL SPECIFICATIONS

| MODELO                | PCR UV + RA   |
|-----------------------|---|
| Work area             | 670 x 490 mm (wide x depth)   |
| Exterior dimensions   | 680 x 500 x 700 mm (wide x depth x high)  |
| Weight                | 25 kg   |
| Material Work Surface | Work surface constructed of AISI 304 stainless steel.<br>Main cabin body made of epoxy painted steel.                       |
| Body Material         | TWO OPTIONS: A. Complete Epoxy Painted Steel B. Lateral and frontal of Plexiglas PMMA (polymethylmethacrylate, ALTUGLAS EX) |
| UV LAMP Interior      | 1 X 20 W ( UVC long onda 254 nm)  |
| UV LAMP Recirculation | 2 X 20 W ( UVC long onda 254 nm)  |
| White Light           | 1 X 20 W ( LED)   |
| UV programation       | Exhibition time between 1 min - 24 hours  |
| Prefiltro             | Prefiltro G4 x 2 in fan motors  |
| White switching/UV    | yes   |
| Sound level           | <10 dB  |
| UV                    | 240 V, 50/60 Hz, 80 w   |

### ORDERING INFORMATION

| Reference        | Description  |
|------------------|--|
| 00-PCR+FL        | Cabin for UV PCR in AIR RECIRCULATION, Plexiglas Walls     |
| 00-PCR UV RA (P) | Cabin for UV PCR in AIR RECIRCULATION, Painted Steel Walls |

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