

## aura vertical S.D.4

Vertical laminar airflow cabinet class 100 for product protection

**Aura Vertical S.D.4 are partial-recirculating vertical laminar airflow cabinets designed for highly comfortable working conditions.**

### Main Applications:

- Assembling of optical or microelectronic components
- Manipulation of non-pathogenic material
- Plant and animal tissue culture
- Media preparation
- Sterility tests
- Food industry

*Alarm is provided for fan failure*

*Soft touch keys on the control panel providing control of lighting, UV light, motorblower, gas tap and socket*

*Cabinet outer surfaces made of cold rolled steel with paint finish*

*Removable, perforated work surface. Internal back wall made of grade 3 stainless steel*

*Glass sides walls punched for further accessories*

*Sloped front*

*Standard options (included): UV light socket, Vacuum tap, Socket*

*Unique sliding sash with exclusive blocking locks*

*Front sliding window and sides in laminated glass*

*Elapsed time-meter for HEPA filter*



Aura Vertical S.D.4 is a partial-recirculating Class 100 vertical laminar airflow: air coming through the front aperture is mixed underneath the work surface with the downflow air and recirculated.

70% of the air is returned to the work area through the main HEPA class H14 filter (provided with micromesh membrane for perfect air speed distribution) while 30% is exhausted into the environment through the exhaust HEPA class H14 filter.

Both HEPA (H14) filters are manufactured and DOP tested according to standard EN 1822-1: 99.995% overall collection efficiency on 0.1-0.2 µm (MPPS).

This ensures product protection as well as operator and environment protection against non-pathogenic materials (i.e.: allergenic aerosols, powders, etc.).

Thanks to the HEPA (H14) filtration the airflow inside the cabinet (constant average speed 0.45 m/s) guarantees Class 100 (FED STD 209E) - ISO5 (ISO 14644-1 Standard) environment in the work area.

TECHNICAL SPECIFICATIONS	
Work chamber dimensions (W x D x H) mm	1240 x 610 x 650
Overall dimensions (W x D x H) mm	1355 x 785 x 1457
Height on stand mm	2290
Front opening height mm	190
Weight Kg	175
Power supply	220/240 V - 50 Hz
Power W	390
Noise level dB(A)	≤ 57
Lighting lux	1200

#### HOW TO ORDER

**LV40000** Aura Vertical SD4 with sliding sash and exhaust HEPA filter (220 V - 50 Hz)

#### STANDS AND UV

**AS00000** Stand for Aura Vertical SD4

**AKC0000** Mobile UV - light kit for Aura Vertical SD4 with timer

**220 V / 60 Hz VERSION and OPTIONAL FEATURES also available;**

For further information please contact you local dealer

*EuroClone S.p.A. reserves the right to change product specifications without prior notice*

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EuroClone S.p.A. has a Quality System certified in compliance with UNI EN ISO 9001:2008 and NF EN ISO 13485:2004

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