

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)	\leq 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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