

AURA VERTICAL SDV Series DOWN-FLOW CABINETS

Quality with a flair of tradition

Technical Specifications

- **Vertical laminar air flow cabinet.**
- **Electric Sliding Sash front window**
- **Electronic Control**
- **H14 filter with micromesh downstream equalising plenum for the highest airflow speed uniformity**
- **Soft touch keys**



AURA VERTICAL SDV™ Cabinets are supplied in one dimension (1.2mt).

These state of the art down-flow cabinets, provide an ultimate cleanliness Class 100 work area where the highest safety for the products is achieved.

The internal design, the air flow aerodynamics and monitoring, the special H14 filter with Micromesh downstream equalising plenum, guarantees the highest performances at the most stringent safety levels and operator comfort.

This units generates a laminar unidirectional air flow on the working area. The air is filtered through an HEPA H14 filter (efficiency >99.995%@MPPS according to EN1822-1) to provide a clean and sterile environment.

The special sloped front design and the electronic sliding sash ensure comfortable working position and, when needed, a very easy opening and closing of the front window.

A complete and user friendly tool for the protection of highly sensitive products that only experienced European design with over 35 years of know how and accurate quality manufacturing, can provide.

Main specifications

1. Ergonomically designed sloped front design for the highest operational comfort. with electrically operated sliding sash.
2. Stainless Steel work surfaces with 2B finishing. Perforated work surface (2 sections) and special designed front grill.
3. Internal working chamber in white painted steel to provide optimal luminosity
4. Comfortable 200mm front opening
5. Easy to install retrofit options through lateral sides.
6. H14 class High Efficiency Particulate Air filters guaranteed with 99.995% efficiency on 0.2-0.3 micron particles (most penetrating particle diameter) (EN1822-1)
7. Electrical equipment according to International Standards and EMC directives
8. Elapsed time meter for filter life monitoring
9. Lighting > 1000 lux
10. Soft touch keys on the control panel provide control of the lighting, motor blower, UV light, gas valve.
11. Visible and acoustic alarms are provided for air speed alarm and filter clogging.
12. Cabinet outer surfaces made of cold rolled steel with paint finish.
13. Micromesh membrane on HEPA filter downstream surface for perfect airspeed distribution
14. CE marked

Technical Features AURA VERTICAL SDV

Work chamber dimensions (wxdxh)	1230 x 580 x 700 mm
Overall dimensions (wxdxh)	1380 x 780 x 1450 mm
Weight	195 kg
Power supply	220-240 V- 50/60 Hz
Power requirement	375 W
Lighting	1000 lux
Noise level	< 58 dB (A)

Utilities

The following utilities are provided as standard and are always included:

- Service power socket (backwall right side)
- Mobile UV power socket (backwall left side)
- DOP integrity test port (below working surface, left side)

If desired the following optional utilities can be ordered:

- Variable height support stand
- Gas tap with solenoid safety valve (installed on right side wall)
- Compressed Air/Vacuum tap (installed on right side wall)
- Additional power sockets (up to 3)
- Mobile UV kit

Connectors for the utilities are always from the top of the cabinet.

How to order

Code	Item
LV5401N	AURA SDV Vertical Laminar Flow Cabinet – 50/60hz