

ENVAIR LAB



Envair Lab OSN Eco Air H

Horizontal Laminar Flow Product Protection Hoods



**Superior Protection for
your Product.**



These hoods guarantee excellent product protection by offering a clean working area through the combination of a G3 pre-filter and a HEPA filter, delivering an efficiency exceeding 99,995 % MPPS (H14 - EN:1822).

The ambient air is drawn in through the upper part of the hood via the pre-filter and, after filtration, it passes through a HEPA filter into the working area in a horizontal laminar air flow pattern.

Supplied flat-packed for convenient installation in laboratories where space is limited, these hoods have epoxy powder coated steel structures and an AISI 304L stainless steel working surface as standard. (Laminated working surfaces are available on demand.)

Applications



OSN ecoAir H hoods have been adopted for use in product protection from airborne contamination or while handling non-pathogenic biological specimens in applications such as: sterility tests, microbiology, In Vitro Fertilisation, preparation of ophthalmic solutions, preparation of culture media, assembly of electronic devices, nutritional parenteral therapy, and the assembly of medical devices.

High Performance Features



FLAT-PACK HOOD

These hoods are supplied flat-packed making them ideal for environments where space is limited and pre-assembled cabinets or hoods would be too large to install.

WORK SURFACES

The work surface is stainless steel AISI-304L (standard version) – or of non-reflective laminated plastic (on demand).

ANTI-BACTERIAL COATING

Each hood is coated with exclusive Dupont™ ALESTA® anti-bacterial “Ag+ cations based solution”, capable of preventing microbial contamination of surfaces, thereby inhibiting long term surface growth.

UV STERILISING LAMP

UV sterilising lamp is available as an added option – complete with a flexible front shutter in order to close the working area from dust and for the safety of operators.

OUTLETS

Standard outlet: 1 electrical socket
Optional outlet, fitted on side glass panels: gas and vacuum manual tap

WALL SIDE

Transparent side walls made of safety glass and flexible front closure shutter (available as an option)

QUALITY ASSURANCE

Every vertical and horizontal laminar flow cabinet is tested in accordance to ISO 14644-1 and EN 61010:2001 Standards and released with FAT certificate of the tests performed.

The User Friendly Practical Keyboard

Membrane keyboard front panel with touch-sensitive buttons for:

- On/Off
- Light
- Power socket
- Night mode and UV lamp

The digital display indicates air velocity, as well as the relevant alarms if the hood is equipped with anemometer and automatic airflow control.





QUALITY ASSURANCE DEPARTMENT

Each cabinet is tested to ensure conformity to EN12469:2000, DIN 12980:2005 EN61010:2001, and is released with FAT certificate of the tests performed.



CERTIFICATIONS
ISO 9001 Certification



TAILOR-MADE CABINETS
Custom cabinets manufactured on request



CUSTOMER CARE
Prompt technical assistance by phone and mail – within 24 hours of the call
Hot-line for immediate technical assistance and feasibility study

Technical Specification



Description	Unit	OS- N 3	OS- N 4	OS- N 5	OS- N 6
Product Code		O00002300000	O00002400000	O00002500000	O00002600000
External Dimensions (W x H x D)	mm	945x1195x925	1250x1195x925	1555x1195x925	1860x1195x925
Internal Dimensions (W x H x D)	mm	885x734x600	1190x734x600	1495x734x600	1800x734x600
Weight	Kg	95	128	175	188
Noise level	dB (A)	51	53	55	55
Lighting level	Lux	750	750	800	800
Main voltage	V	230V AC 2P+T			
Maximum power consumption	W	1600	1800	2300	2300
Frequency	Hz	50			
Current	A	7	7,5	10	10
Fluorescent lamps	W	2x18	2x30	2x36	2x36
Protection level	v	IP20			
Internal outlet (maximum current for all the sockets: 4A)		2P+T 230V 4A			



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

