



YOUR SAFETY IS OUR COMMITMENT

aura HZT

Horizontal laminar air flow cabinet



Quality with a flair of tradition

Main Applications:

- Assembling of optical or microelectronic components
- Manipulation of non pathogenic material
- Plant and animal tissue culture
- Pharmaceutical preparations
- Media preparation
- Micromechanics

Main Specifications:

- Horizontal laminar air flow cabinet.
- Last generation Microprocessor control
- Automatic airflow monitoring
- Reduced air flow switch
- H14 filter with micromesh downstream equalising plenum for the highest airflow speed uniformity
- Micromesh foil for maximum eye comfort.
- Side glass walls with Lateral Flow Effect (LFCTM) assembly.
- Silent and quite operation <math><57\text{dB(A)}</math>

Aura HZ is a Class 100 horizontal laminar airflow cabinet for product protection from external contamination and cross contamination inside the work chamber.

It is available in two sizes: **Aura HZ 48T** and **Aura HZ 72T**.

Operating mode: the sterile laminar airflow comes from the back wall installed HEPA Class H14 filter and runs parallel to the work surface at a constant speed (0,45 m/s average), guaranteeing Class 100 (FED STD 209E) - ISO5 (ISO 14644-1 Standard) environment, preventing any contamination to enter from the ambient outside and avoiding cross contamination.

High efficiency washable polyurethane pre-filter removes coarse particles before the air reaches the HEPA (H14) filter. For the highest product safety, air speed is continuously controlled by an integral vane anemometer installed as a standard option and kept constant by the integrated microprocessor.

Technical Specifications

	HZ 48T – LH20500	HZ 72T – LH30500
Work chamber size (LxDxH) mm	1130x620x740	1790x620x740
Overall size (LxDxH) mm	1270x1050x1360	1920x1050x1360
Weight	130 kg	195 kg
Power supply	230V – 50/60Hz	230V – 50/60 Hz
Power requirement	0,42 kW	0,8 kw
Noise level	< 57 dB(A)	< 59 dB (A)
Lighting	> 1000 lux	>1000 Lux

Options and Accessories

- Power Outlet (Australian standard)	AZ46004
- Double Power Outlet (Australian standard)	AZ46094
- Stand for AURA HZ 48T	AS22000
- Stand for AURA HZ 72T	AS23000
- UV Lamp for AURA HZ48T and 72T (uses a plug slot)	AK20002



BioAir S.p.A.

Via Figino, 20/22
20016 Pero (MI) Italy

T +39 0382 66721
M info@bioair.it

www.bioair.it