

# Over 50 years

The longest established cleanroom company in the UK



## BASSAIRE

IS CLEAN AIR

## Laminar flow workstations

### A-range

Designed to protect product by maintaining a particle free ultra-clean environment, our range of laminar flow equipment combine safety and reliability with ease of use.

The A-range is constructed from laminated high-density non-particle shedding board.

Conforms to standard:

*BSEN ISO 14644 (ISO Class 4 & 5)*

### Optional features

Options include:

- Full installation services available
- Units can be built to any specific requirement
- Custom order sizes in length, width and height
- HEPA filter fitted as standard. ULPA filter available on request
- Alternative power supply
- Auxiliary power outlets (standard or IP65)
- Gas tap (single or double)
- Vacuum / Nitrogen / Water Outlet
- Alternative colours available where applicable
- Front screens
- Laminated glass screens
- Stainless steel worktop
- Support stand
- Adaptation to accept ductwork connections
- Static eliminator bar c/w controller
- Gold or UV lighting



A-range with 'horizontal airflow' shown

Each unit is available with a choice of airflow modes:

- » Horizontal airflow
- » Vertical airflow
- » Reverse-horizontal airflow
- » Reverse-vertical airflow

### Control options

Options include:

- Upstream Challenge Port
- Digital Display Membrane Control Panel including Low Air Alarm
- External Sounder (for Fan Failure)
- Visible Alarm (for Fan Failure or Filter Failure)

Further options are available on request

### Other products and services

Bassaire has over fifty years experience in the design, manufacture, installation and maintenance of cleanrooms and clean air products.



cleanrooms



laboratories



clean air products



servicing

ds-lfw-a-v3

## www.bassaire.co.uk

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### Specification

Model:	A2H	A3H	A4H	A5H	A6H	A2V	A3V	A4V	A5V	A6V
<b>EXTERNAL DIMENSIONS:</b>										
Width (Dim A):	670mm	975mm	1280mm	1585mm	1890mm	670mm	975mm	1280mm	1585mm	1890mm
Depth:	780mm	780mm	780mm	780mm	780mm	670mm	670mm	670mm	670mm	670mm
Height:	1109mm	1109mm	1109mm	1109mm	1109mm	1281mm	1281mm	1281mm	1281mm	1281mm
<b>INTERNAL DIMENSIONS:</b>										
Width:	614mm	919mm	1224mm	1529mm	1834mm	638mm	943mm	1248mm	1553mm	1858mm
Depth:	505mm	505mm	505mm	505mm	505mm	645mm	645mm	645mm	645mm	645mm
Height:	600mm	600mm	600mm	600mm	600mm	600mm	600mm	600mm	600mm	600mm
Air Flow (m <sup>3</sup> /sec): (at face velocity of 0.45m/sec)	0.15	0.23	0.31	0.39	0.47	0.15	0.23	0.31	0.39	0.47
Weight:	73kg	100kg	118kg	134kg	160kg	78kg	105kg	123kg	145kg	177kg
Estimated Running Load:	500w	500w	500w	1000w	1000w	500w	500w	500w	1000w	1000w
Structure:	Main shell: laminated high-density non-particle shedding board. Side panels: clear acrylic. Worktop: Post-formed laminated. Optional support stand: carbon steel powder coated white									
Pre-filter:	92% efficient at 5.0 micron									
HEPA Filter:	99.995% efficient at the MPPS (EN 1822 Class H14)									
Operating Resistance:	Maximum 230Pa									
Electrical Supply:	230-240V 50/60Hz single phase. All units are PAT 60 tested and have individual fused protection									
Fan(s):	Double inlet, centrifugal, super silent and thermally protected									
Controls:	Minihelic pressure gauge, 13A power outlet, variable speed controller and fuse protected									
Lighting:	1000 lux minimum at work surface									
Noise Level:	Unit noise level of 58-63dBA, measured 1m from filter face with a background ambient level of between 35-40dBA									
Quality Control:	All units tested and certified prior to dispatch									

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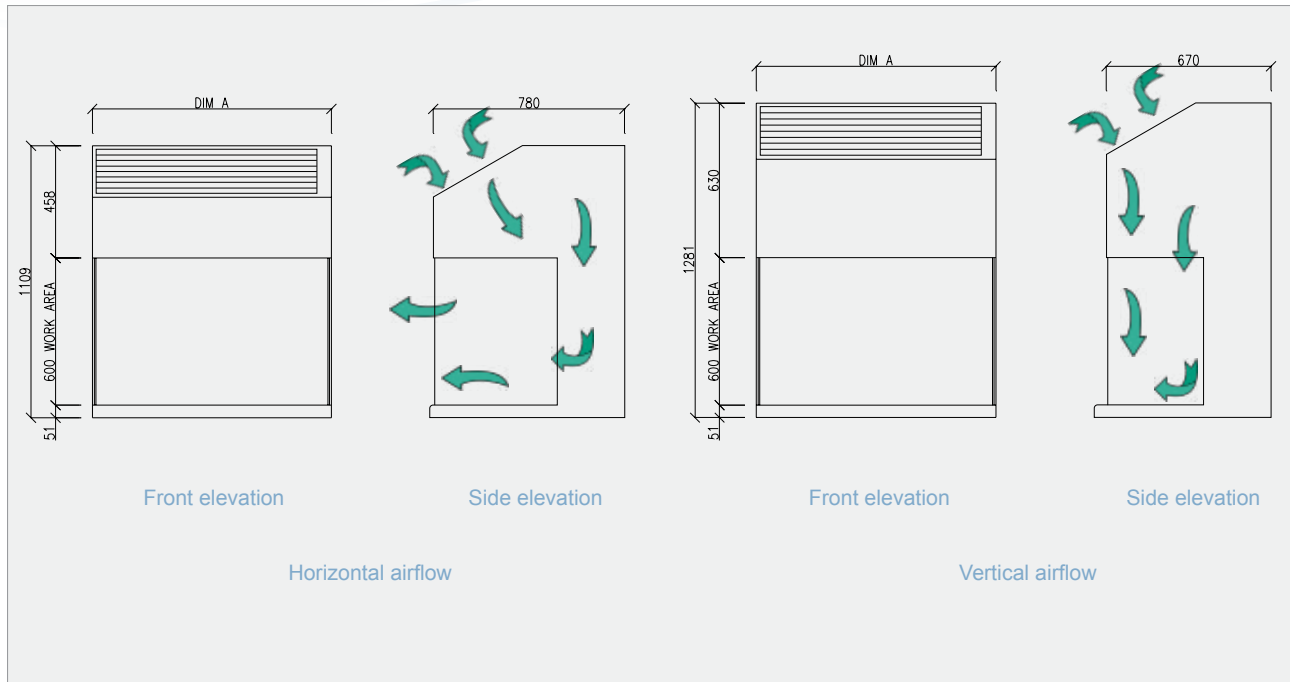


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### Detail



### Validation and maintenance:

Bassaire offers competitive maintenance and re-validation services on all makes of clean air equipment.

### Guarantee:

All Bassaire equipment is designed, constructed and inspected to the highest standards and specifications, to give long and reliable service, and is supported with a fully comprehensive one-year parts and labour warranty



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