

# Over 60 years

The longest established cleanroom company in the UK.



## Laminar flow workstations

### K-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 K-range has a filtration unit constructed from high quality carbon steel powder coated white and is also available in stainless steel. The enclosure is constructed from aluminium tubular section with clear acrylic panels.

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
- Bespoke order sizes (length, width & 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 are available
- Front screens
- Laminated glass screens
- Support stand
- Adaptation to accept ductwork connections
- Static eliminator bar c/w controller
- Gold or UV lighting

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 or filter failure)

**Further options are available on request**

### Other Products and Services...

Bassaire has over 60 years' experience in the design, manufacture, installation and maintenance of cleanrooms and clean air products.



Cleanrooms



Laboratories



Servicing



Clean air products

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## Laminar flow workstations

### Specification

Model:	K2H	K3H	K4H	K5H	K6H	K2V	K3V	K4V	K5V	K6V
<b>External Dimensions (mm):</b>										
Width	660	965	1270	1575	1880	660	965	1270	1575	1880
Depth	1115	1115	1115	1115	1115	660	660	660	660	660
Height	660	660	660	660	660	1115	1115	1115	1115	1115
<b>Internal Dimensions (mm):</b>										
Width	610	915	1220	1525	1830	610	915	1220	1525	1830
Depth	635	635	635	635	635	635	635	635	635	635
Height	635	635	635	635	635	635	635	635	635	635
Air Flow (m <sup>3</sup> /s)	0.15	0.23	0.31	0.39	0.47	0.15	0.23	0.31	0.39	0.47
Weight (kg)	53	63	83	94	114	52	63	83	94	114
Estimated Running Load	500w	500w	500w	1000w	1000w	500w	500w	500w	1000w	1000w
Structure	Filtration Unit : High quality carbon steel powder coated white. Enclosure: Adonised aluminium tubular section with clear acrylic infill panels. Optional worktop: Stainless Steel or 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	Internally mounted, variable speed controller and fuse protected									
Noise Level	Unit noise level of 58-63 dBA, 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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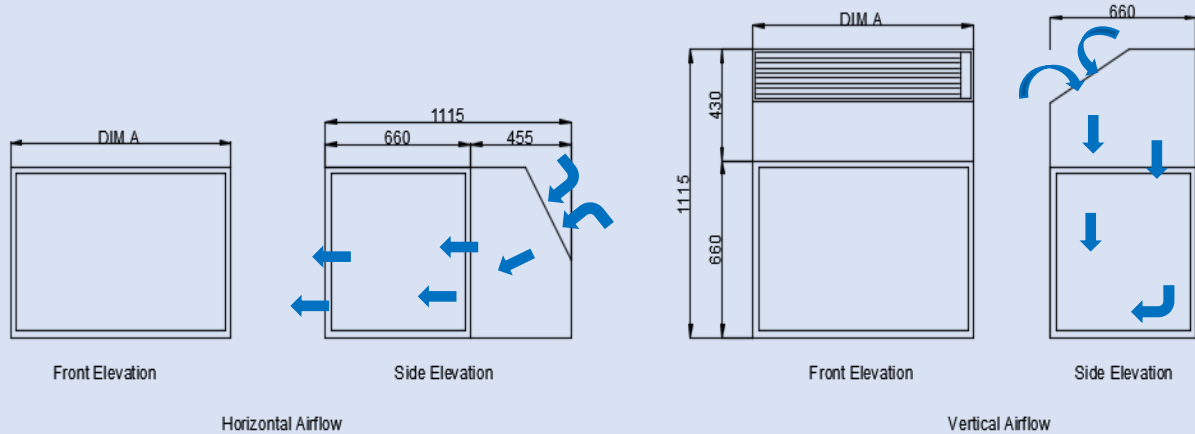
Clean air products

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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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