

# Over 60 years

The longest established cleanroom company in the UK.



## Laminar flow workstations

### P-range

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

The P-range is constructed from high quality carbon steel powder coated white and is also available in stainless steel.

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:	P2H	P3H	P4H	P5H	P6H	P2V	P3V	P4V	P5V	P6V
<b>External Dimensions (mm):</b>										
Width	680	985	1290	1595	1900	660	965	1270	1575	1880
Depth	720	720	720	720	720	660	660	660	660	660
Height	990	990	990	990	990	1195	1195	1195	1195	1195
<b>Internal Dimensions (mm):</b>										
Width	580	885	1190	1495	1800	610	915	1220	1525	1830
Depth	505	505	505	505	505	635	635	635	635	635
Height	579	579	579	579	579	600	600	600	600	600
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	100kg	125kg	150kg	185kg	195kg	85kg	100kg	120kg	175kg	185kg
Estimated Running Load	200w	350w	350w	500w	500w	200w	350w	350w	500w	500w
Structure	Main shell: High quality carbon steel powder coated white. Side panels: clear acrylic. Worktop: Stainless Steel. 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 58-63 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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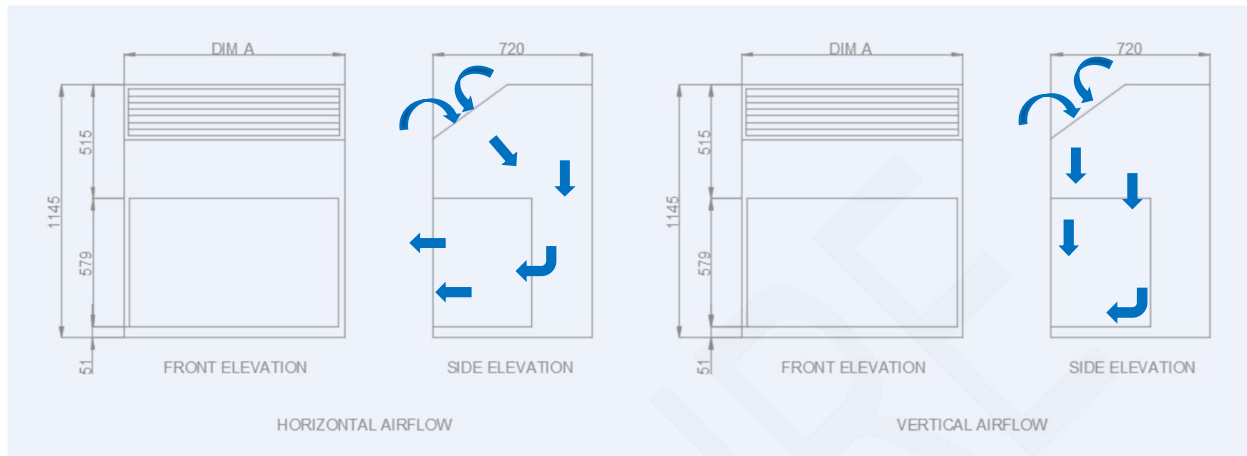
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## Detail



### 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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