

Over 50 years

The longest established cleanroom company in the UK



BASSAIRE

IS CLEAN AIR

Laminar flow workstations

P-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 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
- 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
- Support stand
- Adaptation to accept ductwork connections
- Static eliminator bar c/w controller
- Gold or UV lighting



P-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-p-v6

www.bassaire.co.uk

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Specification

| Model: | P2H | P3H | P4H | P5H | P6H | P2V | P3V | P4V | P5V | P6V |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | EXTERNAL DIMENSIONS: | | | | | | | | | |
| Width (Dim A): | 680mm | 985mm | 1290mm | 1595mm | 1900mm | 660mm | 965mm | 1270mm | 1575mm | 1880mm |
| Depth: | 720mm | 720mm | 720mm | 720mm | 720mm | 660mm | 660mm | 660mm | 660mm | 660mm |
| Height: | 1145mm | 1145mm | 1145mm | 1145mm | 1145mm | 1286mm | 1286mm | 1286mm | 1286mm | 1286mm |
| | INTERNAL DIMENSIONS: | | | | | | | | | |
| Width: | 580mm | 885mm | 1190mm | 1495mm | 1800mm | 610mm | 915mm | 1220mm | 1525mm | 1830mm |
| Depth: | 505mm | 505mm | 505mm | 505mm | 505mm | 635mm | 635mm | 635mm | 635mm | 635mm |
| Height: | 579mm | 579mm | 579mm | 579mm | 579mm | 600mm | 600mm | 600mm | 600mm | 600mm |
| Air Flow (m³/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: | 100kg | 125kg | 150kg | 189kg | 196kg | 85kg | 100kg | 120kg | 178kg | 188kg |
| Estimated Running Load: | 500w | 500w | 500w | 1000w | 1000w | 500w | 500w | 500w | 1000w | 1000w |
| 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 58-63dBA, 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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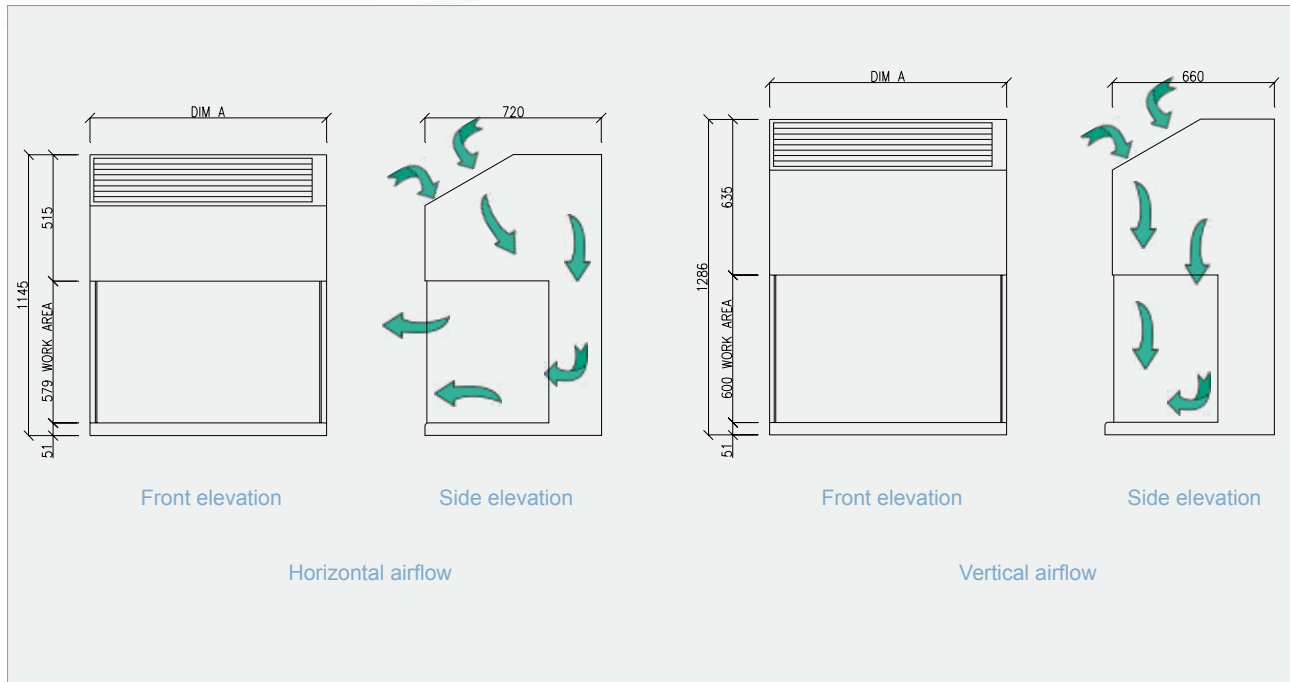


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Detail



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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