



LAMINAR FLOW CABINETS

HORIZONTAL LAMINAR FLOW UNIT

“Wherever there are cleanrooms and laboratories you will find Mach-Aire products playing an important role in the research and manufacturing programmes of the worlds largest companies and institutions.

Our capabilities, whether in technology, design, safety of operation, construction or service are also fully at your disposal”.



Unidirectional air flow cabinet.

Better than ISO Class 5 air quality.

Recirculating air flow, no effect on room pressures.

Fully mobile on support frame.

Ease of installation.

Horizontal laminar Flow Unit for
maximum product protection



DATA SHEET 720



Products and services for containment and clean air applications

Fume cupboards

Pharmaceutical Isolators

Downflow powder control booths

Clean rooms for NHS and industry

ACDP Containment laboratories

Modular clean rooms

Validation and testing

Microbiological safety cabinets

Horizontal and vertical laminar units

Specialised extract systems

Clean room accessories

Design & consultancy

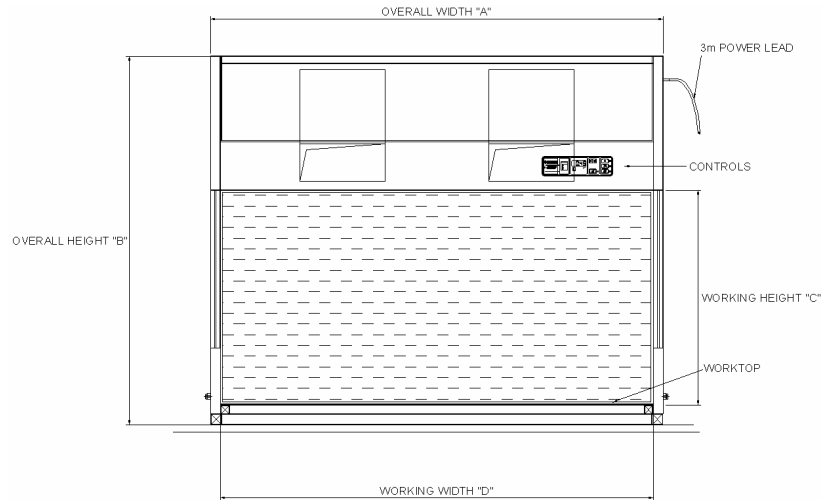
Full compliance with relevant national and international standards

APPLICATIONS

- Compounding facilities
- Forensic Science
- Biotech facilities
- Microelectronics
- Cell culture

FEATURES

- Stainless steel worksurface
- Epoxy polyester coated exterior
- Large radius internal corners for cleaning
- Easy clean work-area - resistant to aggressive cleaning agents
- Speed Controlled fans for optimum performance



DIMENSIONS

MODEL	OVERALL DIMM. W(A) X D X H(B) MM	WORKSPACE DIMMS. W(D) X D X H(C) MM	AIR VOL SUPPLY	SHIPPING WEIGHT
HFC-900	1000 X 900 X 1180	995 X 595 X 770	0.243m ³ /sec	115 kg
HFC-1200	1200 X 900 X 1180	1195 X 595 X 770	0.324m ³ /sec	150 kg
HFC-1500	1500 X 900 X 1180	1495 X 595 X 770	0.405m ³ /sec	205 kg
HFC-1800	1000 X 900 X 1180	1795 X 595 X 770	0.486m ³ /sec	255 kg

SUPPLY VOLUMES BASED ON 0.45 M/S VELOCITY

GENERAL SPECIFICATIONS

Filtration	HEPA 99.9995% H14
Pre-filtration	G3 Progressive density synthetic pad
Noise Level	<60 dba
Light Level	800 lux
Electrical supply	Single phase 230 volts, 50 Hz
Fan Blower	Direct driven, centrifugal type with speed control

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Mach-Aire Ltd
 Bridge Street
 Horwich Bolton BL6 7BT
 United Kingdom



Tel. ++44 (0)1204-668905
 Fax. ++44 (0)1204-668906

email. sales@machaire.co.uk
 web www.machaire.co.uk

