

Clean-Hood™ Laminar Flow workstation

MOORFIELD

Fits on bench top
Class 100 air
Vertical or Horizontal
Inexpensive

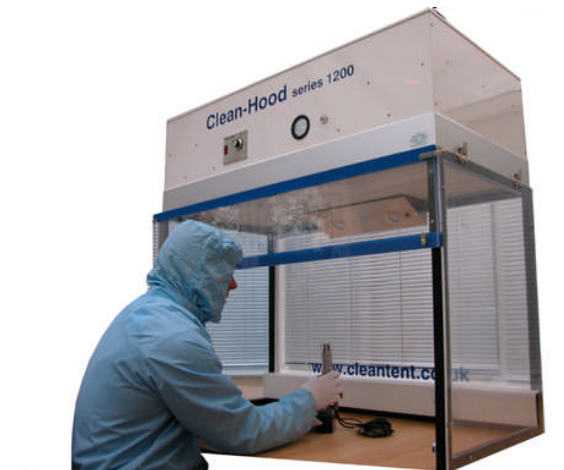


Image of Clean-Hood series 1200 model 1260

Simple design

Clean-Hoods design is based on Moorfields fan filter units that are the backbone of the successful Clean-Tent range of products.

The Fan filter unit consists of an epoxy coated steel air box housing a centrifugal fan and air dampers /baffles. On the top of the box is a 400mm square spigot containing pre filter and (if required) flange connection for a supply air duct. On the underside of the unit is attached the final filter. This determines the quality of the air supplied. The filter is attached to the frame via a neoprene seal and siliconed into place. H14 Class 100 HEPA's are fitted as standard but other options are available upon request.

The fan is controlled by a variable speed rotary dial and on/off switch mounted on the dado rail inside the booth. The fan can provide up to 1100 m³/hr through the filter at the industry standard 0.45 m/sec face velocity. This ensures that the air change rate at the work station is very high for the specified Class specification.

The fan filter unit is mounted on top of a 25mm box section stainless steel frame. The frame is enclosed on three sides with clear acrylic sheet, designed to allow as much ambient light into the work station as possible.

Options include - free standing stainless steel workbench, electrical pack, front face tri-fold valence and differential pressure gauge.

Technical Specification:

Overall dimensions (mm):

CH1200V – 1200(L) x 600(D) x 1115(H)
Filter size – 1180 x 570 x 85
Filter type – H14 Class 100
Booth size – 1200(L) x 600(W) x 750 (H)

CH600V – 600(L) x 600(W) x 1115(H)
Filter size – 600 x 600 x 85
Filter type – H14 Class 100
Booth size – 600(L) x 600(W) x 750 (H)

Electrical : fan 280W, 230vac 50Hz standard. Supply 5A, 230vac 50Hz single phase 3 pin plug.

Pre-filter: EU8 polyester pre filter. 400mm x 400mm. Life approximately 4 weeks in lab conditions with continuous fan.

HEPA: H14. Vmax at face = 0.45 m/sec
Life approximately 5 years in lab conditions with continuous fan

Fan: M.T.B.F. full speed 20,000 hrs continuous

Options: Electrical pack – lights, dado rail, 2 x sockets; pressure gauge; front face tri-fold door valence; front face pre filter; external ducting; custom height frame; stainless steel bench