

PRODUCT SPECIFICATIONS VERTICAL LAMINAR FLOW MODELS

MODEL	VERTICAL LAMINAR FLOW PRODUCT PROTECTION		
	VL100D	VL150E	VL200F
PRE-FILTER	Oiled pre-filter media eliminates particles >5µm to ISO 16890		
MAIN- FILTER	HEPA CLASS H-14 tested to EN 1822-1:2009, Efficiency 99.995% @0.3µm MPPS		
OPENING TYPE	Open Aperture		
FACE VELOCITY	>0.4m/s		
FAN TYPE	EBM R3G250-RE07-07 230V 50HZ dynamically balanced centrifugal	EBM R3G250-RE07-07 230V 50HZ dynamically balanced centrifugal x2	
	EBM R3G250-RO33-81 115V 60Hz dynamically balanced centrifugal	EBM R3G250-RO33-81 115V 60Hz dynamically balanced centrifugal x2	
FAN CONTROL	Automatic, Programmable Nextion TFT Fan & Alarm Control System		
AIRFLOW ALARM	Nextion TFT Fan & Alarm Control System		
LIGHTING	Integrated LED Lighting		
UV LIGHT (optional)	UVc Germicidal type: Wavelength 253.7 nm		
SOUND LEVEL	Less than 60dBA at 1 metre		
FINISH EXT	Light Grey, Gloss Finish, Plastic Coating		
COMPLIANCE STANDARDS	BS7989:2001 Specification For Recirculatory Filtration Fume Cupboards		
	AFNOR NFX 15-211 Class 1 For Filter Retention Capacity		
	AFNOR NFX 15-203 For Containment		
	Bs EN 61010:2010 Safety Requirements for Electrical Equipment For Measurement, Control And Laboratory Use		
	BS EN 61326:2013 Electrical Equipment for Measurement, Control And Laboratory Use. EMC Requirements.		
	¹ Carbon Filter: BS7989:2001, ² HEPA Filter: EN1822:2009		

PRODUCT SPECIFICATION – POWER AND WEIGHT FOR VERTICAL LAMINAR FLOW MODELS

MODEL	Product Protection					
	VL100D	VL150E	VL200F	VL100D	VL150E	VL200F
	-1			-4		
ELECTRICAL	110V – 120V 60 Hz,			230V +10% -6% 50 Hz		
POWER CONSUMPTION (W)	366.64		536.64	366.64		536.64
LOAD AMPS (A)	6.0		10.0	4.5		6.0

MODEL	VL100D	VL150E	VL200F
NET WEIGHT	92kg	216kg	268kg

FILTER SELECTION

HLFO

BO100A: HPF15/01

BO150B: HPF21/01

BO200C: HPF22/01

VLF

VL100D: HPF13/02

VL150E: HPF13/03

VL200F: HPF13/04

HLFP

BP100A: HPF15/01

BP150B: HPF21/01

BP200C: HPF22/01

DIMENSIONAL FOR HLF AND VLF MODELS

MODEL	'A' EXTERNAL WIDTH	'B' EXTERNAL DEPTH	'C' EXTERNAL HEIGHT	'D' INTERNAL WIDTH	'E' INTERNAL DEPTH	'F' INTERNAL HEIGHT																		
BP100A	1000mm	762mm	1160mm	890mm	650mm	657mm																		
BP150B	1500mm	762mm	1131mm	1400mm	633mm	663mm																		
BP200C	2000mm	757mm	1131mm	1900mm	657mm	657mm																		
BO100A	1000mm	762mm	1160mm	890mm	650mm	657mm																		
BO150B	1500mm	762mm	1131mm	1400mm	633mm	663mm																		
BO200C	2000mm	757mm	1131mm </tr <tr> <td>VL100D</td> <td>1000mm</td> <td>725mm</td> <td>1040mm</td> <td>966mm</td> <td>700mm</td> <td>700mm</td> </tr> <tr> <td>VL150E</td> <td>1500mm</td> <td>725mm</td> <td>1040mm</td> <td>1466mm</td> <td>700mm</td> <td>700mm</td> </tr> <tr> <td>VL200F</td> <td>2000mm</td> <td>725mm</td> <td>1040mm</td> <td>1966mm</td> <td>700mm</td> <td>700mm</td> </tr>	VL100D	1000mm	725mm	1040mm	966mm	700mm	700mm	VL150E	1500mm	725mm	1040mm	1466mm	700mm	700mm	VL200F	2000mm	725mm	1040mm	1966mm	700mm	700mm
VL100D	1000mm	725mm	1040mm	966mm	700mm	700mm																		
VL150E	1500mm	725mm	1040mm	1466mm	700mm	700mm																		
VL200F	2000mm	725mm	1040mm	1966mm	700mm	700mm																		

HLF (BO & BP) Dimensional Reference

