

PRODUCT SPECIFICATION EXCEL PLUS RECIRCULATION MODELS

MODEL	EXCEL PLUS RECIRCULATION			
	EP0804	EP1004	EP1206	EP1506
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 PAPST R3G190-RC05-03 230V 50Hz		EBM PAPST R3G190-RC05-03 230V 50Hz x2	
	EBM PAPST R3G190-RG15-44 115V 60Hz		EBM PAPST R3G190-RG15-44 115V 60Hz 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 50dBA 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 EXCEL PLUS RECIRCULATION MODELS

MODEL	EP0804	EP1004	EP1206	EP1506	EP0804	EP1004	EP1206	EP1506
		-1				-4		
ELECTRICAL	110V – 120V 60 Hz,				230V +10% -6% 50 Hz			
POWER CONSUMPTION	105.76W	108.64W	193.52W		106.76W	109.64W	195.52W	
LOAD AMPS	2.5A		4.0A		1.5A		2.5A	

MODEL	EP0804	EP1004	EP1206	EP1506
NET WEIGHT	80kg	90kg	145kg	149kg

PRODUCT SPECIFICATION FOR EXCEL PLUS SAFECHANGE

MODEL	STANDARD DEPTH			SMALLER DEPTH		
	ES1005	ES1305	ES1605	EN1005	EN1305	EN1605
FILTER HEPA	HEPA CLASS H-14 tested to EN 1822-1:2009, Efficiency 99.995% @0.3µm MPPS					
FILTRATION CARBON	Chemcap MP3 carbon filtration					
OPENING TYPE	Open Aperture					
FACE VELOCITY	>0.35m/s					
FAN TYPE	EBM R3G225-RE07-03 230V 50Hz DYNAMICALLY STABLE CENTRIFUGALY BALANCED (x2)					
	EBM R3G225-RE19-04 115V 60Hz DYNAMICALLY STABLE CENTRIFUGALY BALANCED (x2)					
FAN CONTROL	Automatic, Programmable Nextion TFT Fan & Alarm Control System					
AIRFLOW ALARM	Nextion TFT Fan & Alarm Control System					
LIGHTING	Integrated LED Lighting					
SOUND LEVEL	Less than 50dBA 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 EXCEL PLUS SAFECHANGE

STANDARD DEPTH

MODEL	STANDARD DEPTH					
	ES1005	ES1305	ES1605	ES1005	ES1305	ES1605
	-1			-4		
ELECTRICAL	110V – 120V 60 Hz,			230V +10% -6% 50 Hz		
POWER CONSUMPTION	366.64W	369.52W		366.64W	369.52W	
LOAD AMPS	6.0A			3.5A	4.0A	

MODEL	ES1006	ES1306	ES1606
NET WEIGHT	120kg	121kg	186kg

SHORTER DEPTH

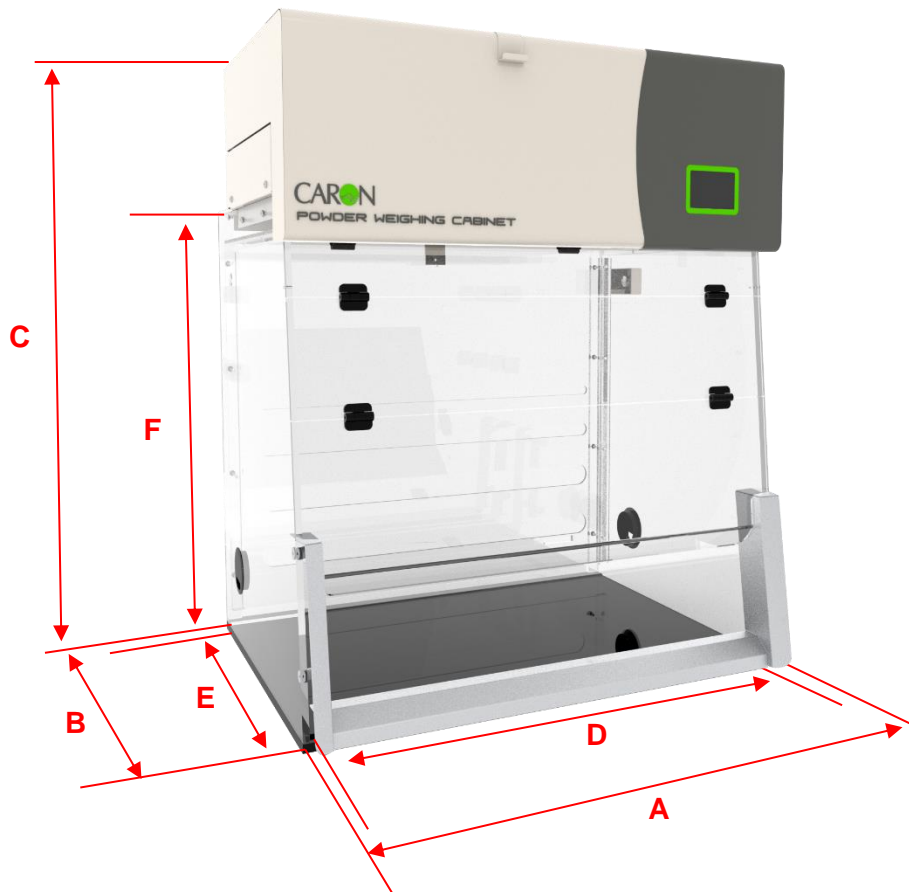
MODEL	SHORTER DEPTH					
	EN1005	EN1305	EN1605	EN1005	EN1305	EN1605
	-1			-4		
ELECTRICAL	110V – 120V 60 Hz,			230V +10% -6% 50 Hz		
POWER CONSUMPTION	366.64W	369.52W		366.64W	369.52W	
LOAD AMPS	6.0A			3.5A	4.0A	

MODEL	EN1006	EN1306	EN1606
NET WEIGHT	110kg	111kg	176kg

FILTER SELECTION EXCEL PLUS MODELS

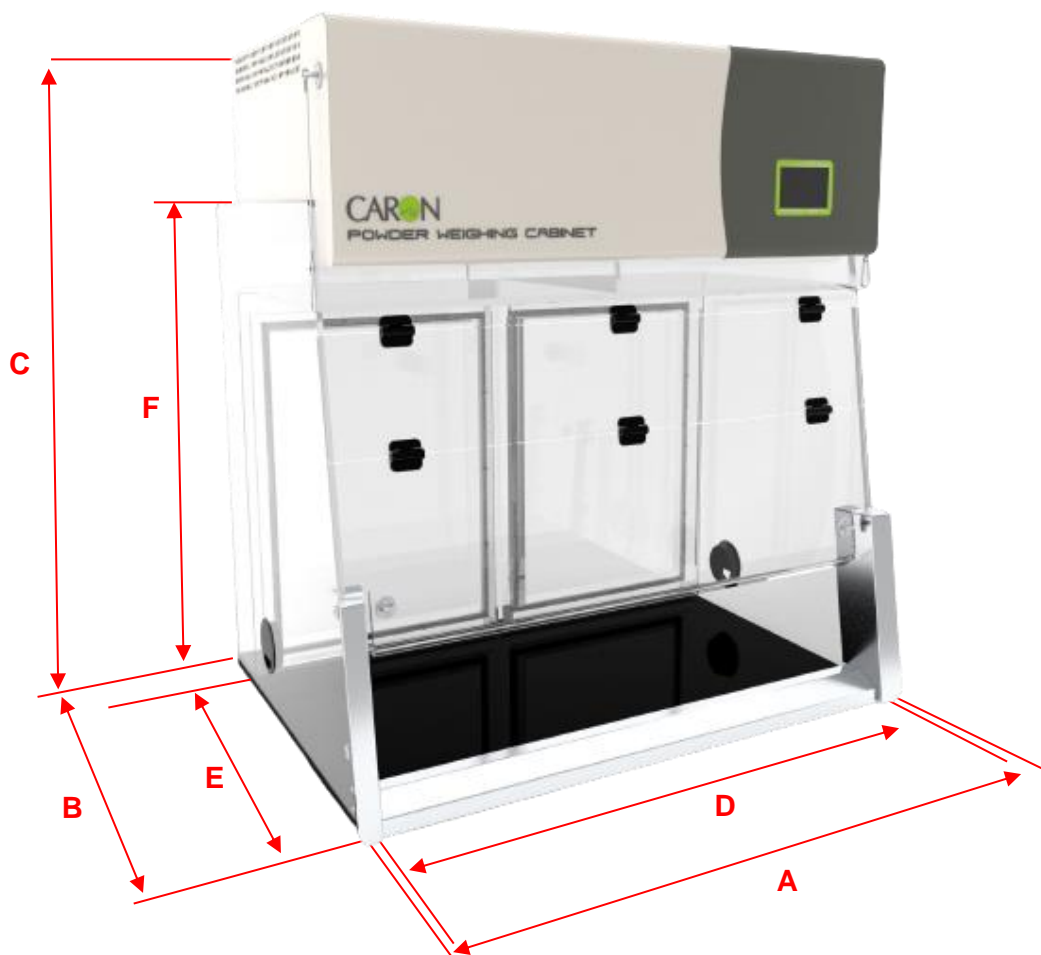
Stock No.	Description	EP0804	EP1004	EP1206	EP1506	EN1005	EN1305	EN1605	ES1005	ES1305	ES1605
ACF02/01	Acid Filter, size #2, Qty 1										
ACF03/01	Acid Filter, size #3, Qty 1										
ACF03/02	Acid Filter, size #3, Qty 2			•	•						
ACF04/01	Acid Filter, size #4, Qty 1	•	•								
AMF02/01	Ammonia Filter, size #2, Qty 1										
AMF03/01	Ammonia Filter, size #3, Qty 1										
AMF03/02	Ammonia Filter, size #3, Qty 2			•	•						
AMF04/01	Ammonia Filter, size #4, Qty 1	•	•								
FHF02/01	Formaldehyde Filter, size #2, Qty 1										
FHF03/01	Formaldehyde Filter, size #3, Qty 1										
FHF03/02	Formaldehyde Filter, size #3, Qty 2			•	•						
FHF04/01	Formaldehyde Filter, size #4, Qty 1	•	•								
HPF02/01	HEPA Filter, size #2, Qty 1										
HPF03/01	HEPA Filter, size #3, Qty 1										
HPF03/02	HEPA Filter, size #3, Qty 2			•	•						
HPF04/01	HEPA Filter, size #4, Qty 1	•	•								
HPF23/02	HEPA Filter, size #23 Qty 2					•	•	•	•	•	•
MPF02/01	Multi-Purpose Filter, size #2, Qty 1										
MPF03/01	Multi-Purpose Filter, size #3, Qty 1										
MPF03/02	Multi-Purpose Filter, size #3, Qty 2			•	•						
MPF04/01	Multi-Purpose Filter, size #4, Qty 1	•	•								
OSF02/01	Organic Solvent Filter, size #2, Qty 1										
OSF03/01	Organic Solvent Filter, size #3, Qty 1										
OSF03/02	Organic Solvent Filter, size #3, Qty 2			•	•						
OSF04/01	Organic Solvent Filter, size #4, Qty 1	•	•								
PRF02/01	Prefilter, size #2, Qty 1										
PRF03/01	Prefilter, size #3, Qty 1										
PRF03/02	Prefilter, size #3, Qty 2			•	•						
PRF04/01	Prefilter, size #4, Qty 1	•	•								
PRF04/02	Prefilter, size #4, Qty 2										
ULF02/01	ULPA Filter, size #2, Qty 1										
ULF03/01	ULPA Filter, size #3, Qty 1										
ULF03/02	ULPA Filter, size #3, Qty 2			•	•						
ULF04/01	ULPA Filter, size #4, Qty 1	•	•								
ULF23/02	ULPA Filter, size #23 Qty 2					•	•	•	•	•	•

DIMENSIONAL REFERENCES EXCEL PLUS RECIRCULATING MODELS



MODEL	'A' EXTERNAL WIDTH	'B' EXTERNAL DEPTH	'C' EXTERNAL HEIGHT	'D' INTERNAL WIDTH	'E' INTERNAL DEPTH	'F' INTERNAL HEIGHT
EP0804	818mm	762mm	1152mm	770mm	655mm	749mm
EP1004	1012mm	725mm	1164mm	970mm	618mm	788mm
EP1206	1200mm	727mm	1163mm	1170mm	618mm	788mm
EP1506	1519mm	741mm	1158mm	1470mm	606mm	788mm

DIMENSIONAL REFERENCES EXCEL PLUS SAFECHANGE MODELS



MODEL	'A' EXTERNAL WIDTH	'B' EXTERNAL DEPTH	'C' EXTERNAL HEIGHT	'D' INTERNAL WIDTH	'E' INTERNAL DEPTH	'F' INTERNAL HEIGHT
ES1005	1043mm	800mm	1065mm	1000mm	599mm	685mm
EN1005	1043mm	724mm	1065mm	1000mm	524mm	685mm
ES1305	1318mm	800mm	909mm	1275mm	601mm	512mm
EN1305	1318mm	724mm	909mm	1275mm	525mm	512mm
ES1605	1618mm	800mm	908mm	1575mm	602mm	512mm
EN1605	1618mm	724mm	908mm	1575mm	527mm	512mm