

PRODUCT SPECIFICATIONS

MODEL	BC 0402	BC 0603	BC 0804	BC 1004	BC 1206	BC 1506	PC 0804	PC 1004
PRE-FILTER	Oiled pre-filter media eliminates particles >5µm to ISO 16890							
MAIN- FILTER (2)	See Filter Selection							
MAIN FILTER (3)	Optional							
OPENING TYPE	Flap	Teardrop or Trapezium			Trapezium		Teardrop or Trapezium	
VOLUME OF AIR	92m ³ /hr	130m ³ /hr						
FACE VELOCITY	>0.5m/s							
FAN TYPE	EBM R3G190-RG15-44 50/60Hz dynamically balanced centrifugal (115V)				EBM R3G190-RG15-44 50/60Hz dynamically balanced centrifugal, x2 (115V)		EBM R3G190-RG15-44 50/60Hz dynamically balanced centrifugal (115V)	
	EBM R3G190-RC05-03 50Hz-dynamically balanced centrifugal (230V)				EBM R3G190-RC05-03 50 Hz dynamically balanced centrifugal, x2 (230V)		EBM R3G190-RC05-03 50Hz-dynamically balanced centrifugal (230V)	
FAN CONTROL	Automatic, Programmable Nextion TFT Fan & Alarm Control System							
AIRFLOW ALARM	Nextion TFT Fan & Alarm Control System							
LIGHTING	Integrated LED Lighting (optional)				Integrated LED Lighting		Integrated LED Lighting (optional)	
SOUND LEVEL	< 50dBA at 1 meter							
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 SPECIFICATIONS – POWER AND WEIGHT

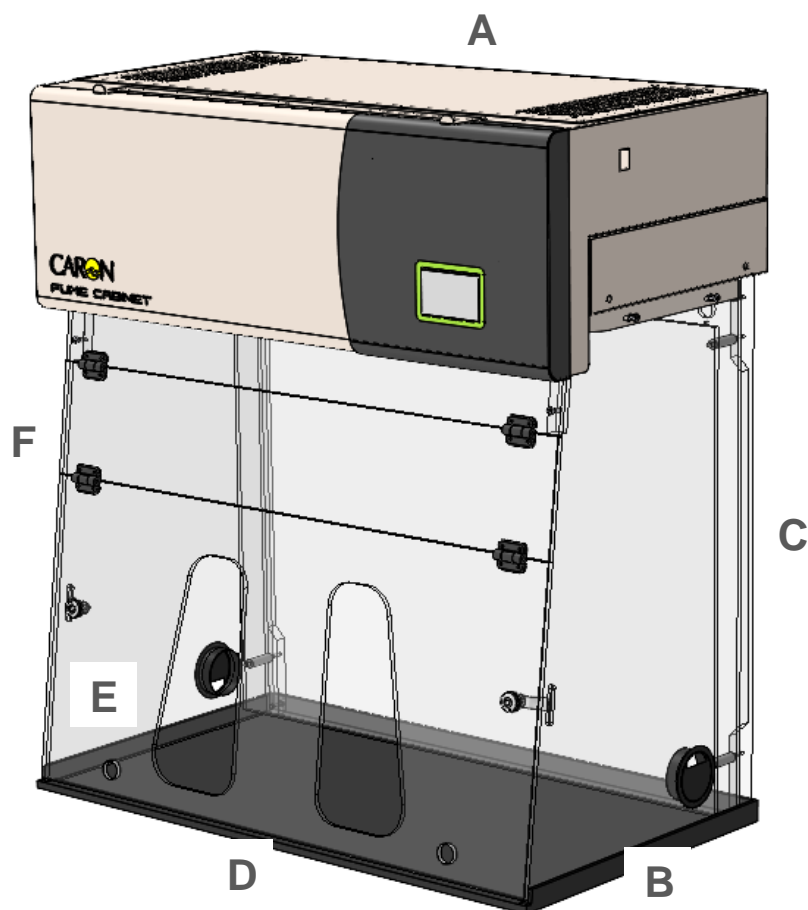
MODEL	BC 0402, BC 0603, BC 0804, BC 1004, PC 0804, PC 1004		BC 1206, BC 1506	
	-1	-4	-1	-4
ELECTRICAL	110V – 120V 60 Hz,	230V +10% -6% 50 Hz	110V – 120V 60 Hz,	230V +10% -6% 50 Hz

MODEL	BC 0402	BC 0603	BC 0804	BC 1004	BC 1206	BC 1506	PC 0804	PC 1004
NET WEIGHT	35Kg	49Kg	60Kg	75Kg	170Kg		60Kg	75Kg
POWER CONSUMPTION 230V (Watts)	110	110	107	110	196	196	107	110
Fully Loaded Amps 230V (A)	1.5				2.5		1.5	
POWER CONSUMPTION 115V (Watts)	109	109	106	109	194	194	106	109
Fully Loaded Amps 115V (A)	2.5				4.0		2.5	

FILTER SELECTION

Stock No.	Description	BC0402	BC0603	BC0804	BC1004	BC1206	BC1506	PC0804	PC1004
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		•						
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			•	•			•	•
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			•	•			•	•
ULF04/02	ULPA Filter, size #4, Qty 2								

DIMENSIONAL REFERENCES



MODEL	'A' EXTERNAL WIDTH	'B' EXTERNAL DEPTH	'C' EXTERNAL HEIGHT	'D' INTERNAL WIDTH	'E' INTERNAL DEPTH	'F' INTERNAL HEIGHT
BC 0402	410mm	540mm	900mm	380mm	495mm	580mm
BC 0603	600mm	570mm	1145mm	570mm	520mm	810mm
BC 0804	800mm	570mm	1145mm	770mm	520mm	810mm
BC 1004	1000mm	570mm	1145mm	970mm	520mm	810mm
BC 1206	1200mm	570mm	1145mm	1170mm	520mm	810mm
BC 1506	1500mm	570mm	1145mm	1470mm	520mm	810mm
PC 0804	800mm	570mm	1145mm	770mm	520mm	810mm
PC 1004	1000mm	570mm	1145mm	970mm	520mm	810mm