

PRODUCT SPECIFICATIONS – OPERATOR PROTECTION ENCLOSURE

MODEL	RO1808/QO1808	RO220L/QO220L	RO260M/QO260M
PRE-FILTER	Oiled pre-filter media eliminates particles >5µm to ISO 16890		
MAIN- FILTER	See Filter Selection		
OPENING TYPE	Bi-Folding Door – Lower Door has sliding held in its aperture		
	Three full height sliding doors – Visor is also used in conjunction		
FACE VELOCITY	>0.40m/s		
FAN TYPE	EBM-PAPST R3G225-RE07-03 230V 50/60Hz Qty:2	EBM-PAPST R3G225-RE07-03 230V 50/60Hz Qty:3	EBM-PAPST R3G225-RE07-03 230V 50/60Hz Qty:4
	EBM-PAPST R3G225-RE19-04 115V 50/60Hz Qty:2	EBM-PAPST R3G225-RE19-04 115V 50/60Hz Qty:3	EBM-PAPST R3G225-RE19-04 115V 50/60Hz Qty:4
FAN CONTROL	Automatic, Programmable Nextion TFT Fan & Alarm Control System		
AIRFLOW ALARM	Nextion TFT Fan & Alarm Control System		
LIGHTING	T5 LED Lamps (>480Lux) Caron Code: EL0003/53		
UV LIGHTING	T8 Fluorescent UV germicidal Light Caron Code: EL0003/03		
SOUND LEVEL	< 65dBA 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 POWER SPECIFICATIONS – OPERATOR PROTECTION ENCLOSURE

MODEL	RO1808/ QO1808	RO220L/ QO220L	RO260M/ QO260M	RO1808/ QO1808	RO220L/ QO220L	RO260M/ QO260M
	-1			-4		
ELECTRICAL	110V – 120V 60 Hz,			230V +10% -6% 50 Hz		
POWER CONSUMPTION (W) <small>WITH ALL OPTIONS ADDED</small>	492	692	862	492	692	862
LOAD AMPS (A) <small>WITH ALL OPTIONS ADDED</small>	7.0	10.0	12.5	4.5	6.0	7.5

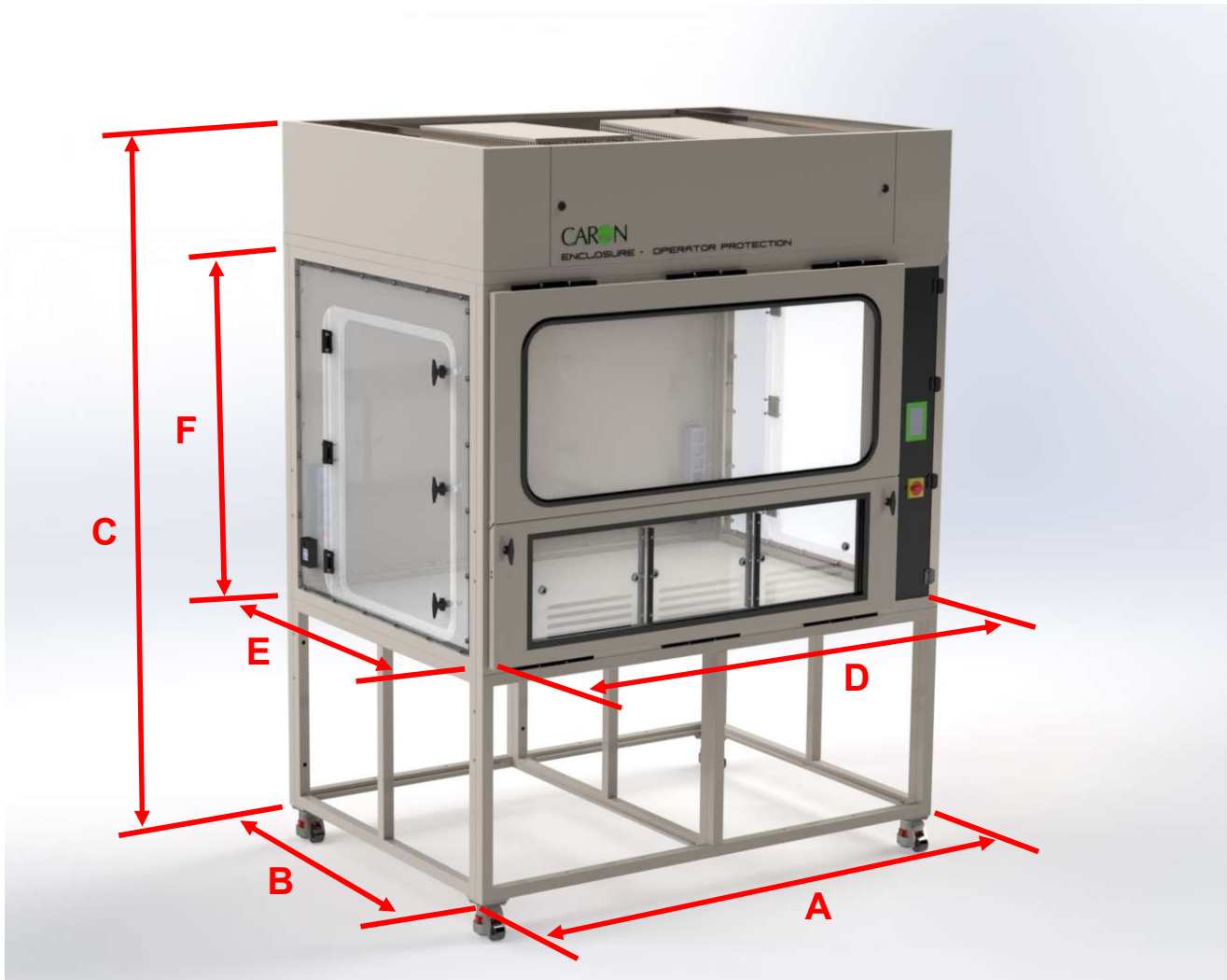
FILTER SELECTION – OPERATOR PROTECTION ENCLOSURE

Stock No.	Description	RO1808/QO1808	RO220L/QO220L	RO260M/QO260M
ACF04/01	Acid Filter, size #4, Qty 1			
ACF04/02	Acid Filter, size #4, Qty 2	●		
ACF04/03	Acid Filter, size #4, Qty 3		●	
ACF04/04	Acid Filter, size #4, Qty 4			●
AMF04/01	Ammonia Filter, size #4, Qty 1			
AMF04/02	Ammonia Filter, size #4, Qty 2	●		
AMF04/03	Ammonia Filter, size #4, Qty 3		●	
AMF04/04	Ammonia Filter, size #4, Qty 4			●
FHF04/01	Formaldehyde Filter, size #4, Qty 1			
FHF04/02	Formaldehyde Filter, size #4, Qty 2	●		
FHF04/03	Formaldehyde Filter, size #4, Qty 3		●	
FHF04/04	Formaldehyde Filter, size #4, Qty 4			●
HPF04/01	HEPA Filter, size #4, Qty 1			
HPF04/02	HEPA Filter, size #4, Qty 2	●		
HPF04/03	HEPA Filter, size #4, Qty 3		●	
HPF04/04	HEPA Filter, size #4, Qty 4			●
MPF04/01	Multi-Purpose Filter, size #4, Qty 1			
MPF04/02	Multi-Purpose Filter, size #4, Qty 2	●		
MPF04/03	Multi-Purpose Filter, size #4, Qty 3		●	
MPF04/04	Multi-Purpose Filter, size #4, Qty 4			●
OSF04/01	Organic Solvent Filter, size #4, Qty 1			
OSF04/02	Organic Solvent Filter, size #4, Qty 2	●		
OSF04/03	Organic Solvent Filter, size #4, Qty 3		●	
OSF04/04	Organic Solvent Filter, size #4, Qty 4			●
PRF04/01	Prefilter, size #4, Qty 1			
PRF04/02	Prefilter, size #4, Qty 2	●		
PRF04/03	Prefilter, size #4, Qty 3		●	
PRF04/04	Prefilter, size #4, Qty 4			●
ULF05/01	ULPA Filter, size #4, Qty 1			
ULF05/02	ULPA Filter, size #4, Qty 2	●		
ULF05/03	ULPA Filter, size #4, Qty 3		●	
ULF05/04	ULPA Filter, size #4, Qty 4			●

FILTER SELECTION – PRODUCT PROTECTION ENCLOSURE

Stock No.	Description	RP1808/QP1808	RP220L/QP220L	RP260M/QP260M
HPF04/01	HEPA Filter, size #4, Qty 1			
HPF04/02	HEPA Filter, size #4, Qty 2	•		
HPF04/03	HEPA Filter, size #4, Qty 3		•	
HPF04/04	HEPA Filter, size #4, Qty 4			•
PRF04/01	Prefilter, size #4, Qty 1			
PRF04/02	Prefilter, size #4, Qty 2	•		
PRF04/03	Prefilter, size #4, Qty 3		•	
PRF04/04	Prefilter, size #4, Qty 4			•
ULF05/01	ULPA Filter, size #4, Qty 1			
ULF05/02	ULPA Filter, size #4, Qty 2	•		
ULF05/03	ULPA Filter, size #4, Qty 3		•	
ULF05/04	ULPA Filter, size #4, Qty 4			•

DIMENSIONAL REFERENCES – RO SERIES ENCLOSURES



MODEL	'A' EXTERNAL WIDTH	'B' EXTERNAL DEPTH	'C' EXTERNAL HEIGHT	'D' INTERNAL WIDTH	'E' INTERNAL DEPTH	'F' INTERNAL HEIGHT
RO1808	1800mm	1280mm	2463mm	1720mm	1200mm	1144mm
RO220L	2200mm	1280mm	2463mm	2120mm	1200mm	1144mm
RO260M	2600mm	1280mm	2463mm	2520mm	1200mm	1144mm