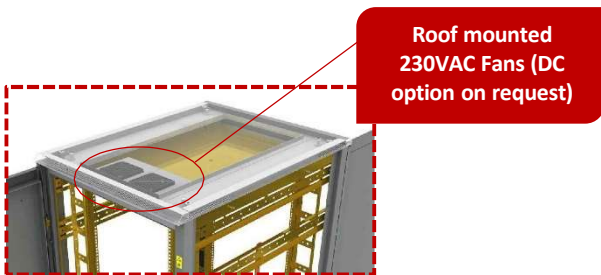
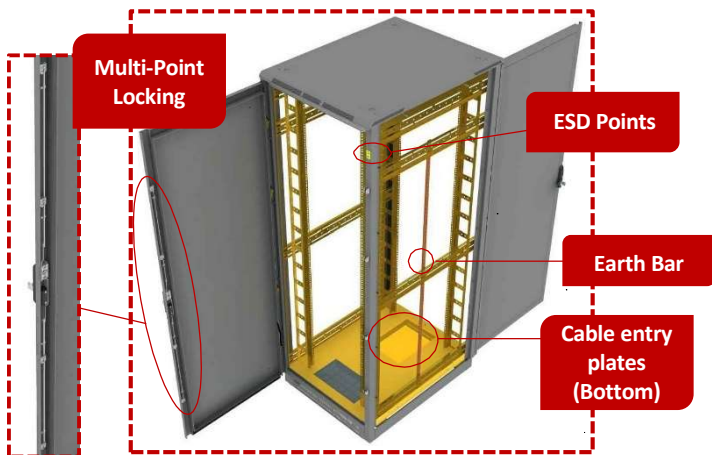




Front View



Roof mounted 230VAC Fans (DC option on request)

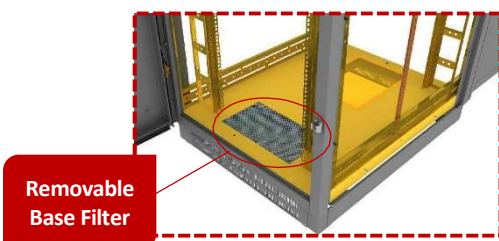


Multi-Point Locking

ESD Points

Earth Bar

Cable entry plates (Bottom)



Removable Base Filter

Cannon EMC\* Cabinets are of advanced design to meet the EU electro-magnetic compatibility regulations, for critical equipment, such as medical, defence or sensitive 'IT'. This cabinet is the ideal way of retro-fitting protection for the system, preventing emissions and protecting against susceptibility.

#### MATERIALS AND FINISH:

- Standard 1: Powder painted Velvet Black to RAL 9005
- Standard 2: Framework painted Dusty Grey to RAL 7037/Doors & panels painted Grey White RAL 9002
- Other colours available on request
- Interior zinc plated and colour passivated

#### TECHNICAL INFORMATION:

- Hidden hinges with 180° opening doors
- EMC tests conducted at an independent NAMAS approved test house demonstrates that the Cannon EMC cabinet has a shielding effectiveness typically of 50dB at 1GHz using the standard Cannon gasket material.
- Shielding values achieve approximately 30dB at 2GHz
- (actual 1.894GHz) but exceed 100dB at 100MHz.

\*EMC = Electro-Magnetic Compatibility

*Accepts the standard range of Cannon accessories*

#### MODIFICATIONS:

- Different heights, widths and depth
- Customised colours and screen print logo, product details etc.
- Seismic, shock, vibration and transportation AV mounting
- TEMPEST and military standards



- EMC tests conducted to MIL STD 285 at an independent 'NAMAS' approved test house.
- Demonstrated that the Cannon EMC cabinet has a shielding effectiveness, of an Average 50dB from 10MHz to 1GHz.
- Copy of report is available upon request.
- Using a gasket material of neopreme with Nickel-copper fabric giving an IP and shielding effectiveness Average 85dB from 30MHz to 1GHz.



Part No. Order Code	U	Height	Width mm	Depth mm	Weight kg
EMC-IP426080	42	2110	600	856	125
EMC-IP428060	42	2110	800	656	125
EMC-IP426099	42	2110	600	1056	130
EMC-IP428080	42	2110	800	856	135
EMC-IP428099	42	2110	800	1056	145
CHARACTERISTICS					
Fan Unit - Cooling Capacity	2 Fans up to 1Kw (depending on environmental conditions)				
Air Flow Rate	200 cfm Max				
Operating Temperature Range	-10°C to +70°C				
Storage Temperature Range	-30°C to +85°C				
Electrical Connection to Fan tray	IEC C14 Inlet				
IP52/EMC Seal	Neoprene with Nickel-Copper fabric				
Surface Resistance	0.09Ohms/ Max average 0.05 Ohms/				
Shielding Effectiveness	Average 85db from 30mhz to 1ghz				
RoHS	Compliant				
Base Filter	Grey Reticulated Foam 40PPI 10mm thickness				
CABINET CONSTRUCTION					
Material	Mild Steel BS1449 CR4GP				
Internal (plated)	Zinc & Colour BS 1706 1990 Fe/Zn 5c 2C				
External (painted)	Power paint epoxy polyester 30% gloss level / Cannon texture				



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Complete protection against touch, tools & against dust deposits.



Protection against drops of water falling at up to 15° from the vertical.