

AIR BLOCK KIT - FOR 800MM (32-INCH) WIDE CABINET

Components which can substantially improve effective cooling.

- Air Block Kits provide:
 - An effective air lock preventing cold air escaping through the rack and by bypassing the 'IT' equipment for which it is intended.
 - Prevent hot exhaust air from the rear of the rack recirculating to the front of the rack and contaminating the cold air.
 - Effectively seal the gaps at the side, above and below the 19-inch equipment mounting field, ensuring that costly cooling air is guided only to the target equipment and not wasted.
- As much as 50% of a wide/tall rack can comprise air bypass paths which are outside of the 19-inch equipment field. Failing to block these paths can dramatically reduce PUE performance.

Air Block components include mouldings which seal the apertures in vertical infill panels. These mouldings can be brush finger type to allow through cabling or solid mouldings. Both types can embody side tabs which extend to the side panel sealing often ignored areas. In addition special brush strip components are available to seal the gaps above and below the 19-inch equipment field.



CABINET SIZE	NUMBER OF NR214 MOULDINGS	PART CODE	COMMENTS
42U x 800W	28	KP0501-42	INCLUDES CORRECT NUMBER OF NR214 MOULDINGS AND TOP/BOTTOM BRUSH STRIP SEAL
45U x 800W	30	KP0501-45	
47U x 800W	30	KP0501-47	
52U x 800W	36	KP0501-52	
42U x 800W	28	KP0501-42-NR244	
45U x 800W	30	KP0501-45-NR244	
47U x 800W	30	KP0501-47-NR244	
52U x 800W	36	KP0501-52-NR244	
SINGLE INFILL MOULDING	1	NR214	SEE BELOW*
SMALL INFILL MOULDING WITH SIDE SEAL	1	NR244	ALLOWS INFILL CABLE MANAGEMENT AREA
SINGLE INFILL MOULDING	1	NR245	ALLOWS INFILL CABLE MANAGEMENT AREA
50mm INFILL BLANK MOULDING	1	NR308	BLANKS APERTURE IN 50mm INFILL PANEL
100mm INFILL BLANK MOULDING	1	NR309	BLANKS APERTURE IN 100mm INFILL PANEL
100mm INFILL BLANK	1	184C15080001	PAINTED STEEL WITH FIXINGS



Supplied: KP0501 KIT comprising:
2 x Brush Air Baffle Strips (top & bottom of 19" area) and correct brush mouldings for the cabinet height.



*SINGLE INFILL PANEL MOULDING

These cleverly designed mouldings quickly clip into the rectangular apertures of the vertical infill panels, at the sides of 800mm wide ServerSmart, Smart Cab and Smart Net range.

Mouldings contact the side panel providing an effective air block up the full height of the cabinet.

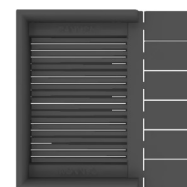
Close fit cable fingers allow through cabling to be achieved, whilst preserving the air block effect.

Material: Black Polypropylene UL94V-0

It is standard practice to only fit these mouldings to the Infill Panels at the front of an 800mm wide Cannon Cabinet, unless side air flow equipment is installed, in which case four mounting infill panels are fitted with Air Block Mouldings.



NR214



NR244



NR245

CABINET SIZE	NUMBER OF MOULDINGS PER INFILL
25U	8
33U	11
42U	13
45U	15
47U	17
50U	19
52U	21