



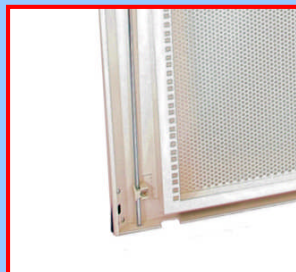
Access Cabinet Vented Pressurised Doors

Continuing our development of modular solutions designed to grow with demand, Cooper B-Line is pleased to announce the launch of our range of Access Cabinet Vented Pressurised Doors. Designed to mount on the rear of the cabinet these doors have been developed to enhance the thermal characteristics of the cabinet by efficiently and effectively expelling hot air generated within the cabinet.

Comprising of four main elements the door configuration can be tailored to meet the demands of individual installation thanks to the flexible design.



1. Door Assembly - Outwardly the door assembly looks like a standard 80% free area vented steel door, in fact it utilises the same hinge and locking hardware found on our standard doors. As a consequence these doors can be retro fitted to existing cabinets deployed in the field and be hung either left or right hand hinged as required. Where the pressurised door differs from the standard vented door is the addition of a frame on the rear of the door which forms an enclosed plenum when enclosed with blanking panels or fans trays.



The frame incorporates vertical piercings that match the pitch and unit height of the cabinet adjustable 19-inch mounting angles. This set up allows fans trays and blanking panels to be positioned in optimum location to suit the active equipment mounted in the cabinet.

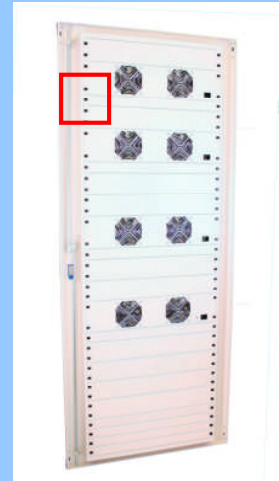
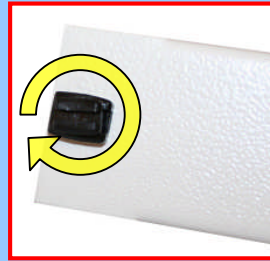
2. Cable Management Channel – Supplied with the door the cable management channel not only allows the user to manage the fan tray power connection cables but also provides a hinge pin interlock to ensure that the top and bottom hinge pins remain fully engaged when the door is completely populated



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3. Fan Trays - Although not 19-inch compliant the fan trays themselves are 3U in height and are fitted with two 120mm square fans each rated at 79 CFM. Utilising quick fit tool less quarter turn fixings these fan trays can be easily positioned to allow the tailored management of “Hot Spot” conditions.

4. Blanking Panels – Like the fan trays the blanking panels are not 19-inch compliant but are available in 1U or 2U height options. Used in conjunction with the fan trays the blanking panels they can be used to seal off any unused apertures in the door plenum forcing the hot air being drawn out of the back of the cabinet by the fans from re entering or recirculating into the rear of the cabinet. Again the panels utilise quick fit tool less quarter turn fixings for quick and easy configuration


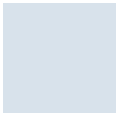
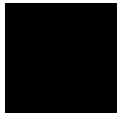


DOOR TECHNICAL SPECIFICATIONS

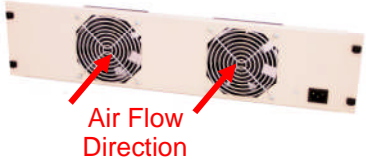
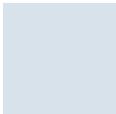

Cabinet Width		600mm Wide	800mm Wide
Unit Heights	42U	✓	✓
	47U	✓	✓
Door Material	1.5mm Thick mild steel with high density perforated section.		 6.4mm Hex Pattern
Door Finish Options	 Light Grey NCS 1502-Y		 Black - RAL 9005
Hardware Finish	 Blue – NCS 4550-R90B	 Black - RAL 9005	 Mid Grey - NCS 4502
Hinging	Quick release hinge pins with the option to hang left or right hand hinged.		
Locking	<ul style="list-style-type: none"> Two point espan assembly with keyed alike locking colour coded swing handle as standard. Optional euro profile lock option, mechanical combination swing handle (black finish only) as well as electronic i-PAL swing handle option (Black, Blue and Mid Grey). 		
Supplied	Factory fitted as standard or flat packed* *Flat packs subject to additional costs		

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BLANKING PANEL TECHNICAL SPECIFICATIONS

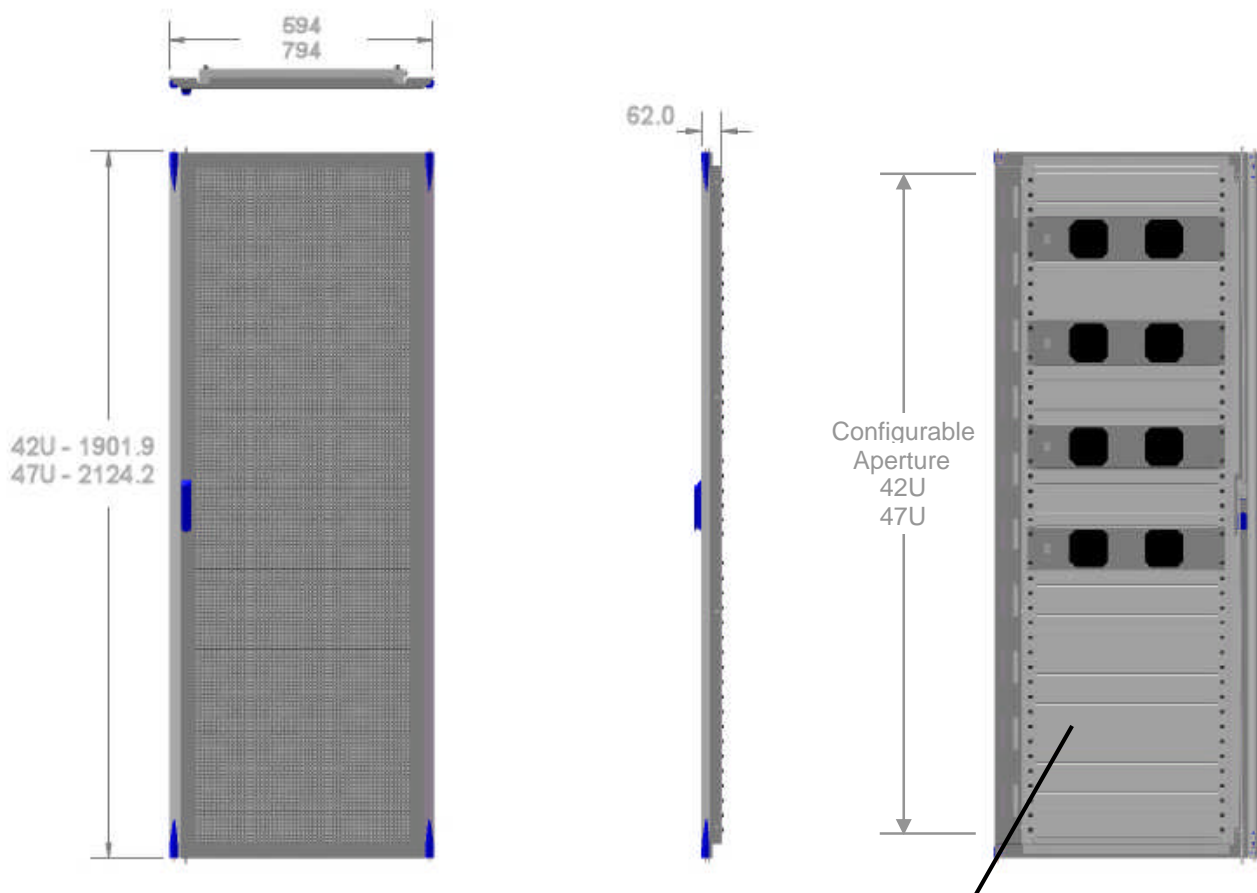
Cabinet Width		600mm Wide	800mm Wide
Unit Heights	1U	✓	✓
	2U	✓	✓
Material	1.2mm Thick Mild Steel		
Mounting method	Quick fit ¼ turn tool less fixings. Material – Black Polycarbonate		
Finish Options (Painted)			
	Light Grey NCS 1502-Y	Black - RAL 9005	
Supplied	<ul style="list-style-type: none"> Individually wrapped for on site configuration 		

FAN TRAY TECHNICAL SPECIFICATIONS

Cabinet Width		600mm Wide	800mm Wide
Unit Height	3U	✓	✓
Material	1.2mm Thick Mild Steel		
Mounting method	4 x Quick fit ¼ turn tool less fixings. Material – Black Polycarbonate		
Fan specification	Fitted with the option of either; <ul style="list-style-type: none"> 2 x 120mm 230v A/C fans each rated at 79 CFM 2 x 120mm 110v A/C fans each rated at 79 CFM 		
Finish Options (Painted)			
	Light Grey NCS 1502-Y	Black - RAL 9005	
Supplied	<ul style="list-style-type: none"> Individually boxed for on site configuration Supplied with earth lead and applicable earth lead fixings. 		
Power connection	IEC 320 C13 socket* <small>*power supply leads to be ordered separately.</small>		
Compliance	RoHS Compliant CE Approved WEEE Directive		

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Door Assembly Overall Dimensions



The plenum chamber on the rear of the door can be configured with any combination of fan trays and blanking panels depending on the cooling requirements in the associated cabinet.

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Part Number Order Codes & Descriptions

Part Number	Description	Lead Time	Finish	Weight (kg)
AVPD426A	Access Cabinet Vented Pressurised Door Assembly 42U x 600mm Wide (80% Vent Pattern)	11 – 15 Working Days	Light Grey / Blue	22.4kg
AVPD428A	Access Cabinet Vented Pressurised Door Assembly 42U x 800mm Wide (80% Vent Pattern)	11 – 15 Working Days	Light Grey / Blue	27.4kg
AVPD476A	Access Cabinet Vented Pressurised Door Assembly 47U x 600mm Wide (80% Vent Pattern)	11 – 15 Working Days	Light Grey / Blue	24.7kg
AVPD478A	Access Cabinet Vented Pressurised Door Assembly 47U x 800mm Wide (80% Vent Pattern)	11 – 15 Working Days	Light Grey / Blue	30.3kg
AVPD426B	Access Cabinet Vented Pressurised Door Assembly 42U x 600mm Wide (80% Vent Pattern)	11 – 15 Working Days	Black	22.4kg
AVPD428B	Access Cabinet Vented Pressurised Door Assembly 42U x 800mm Wide (80% Vent Pattern)	11 – 15 Working Days	Black	27.4kg
AVPD476B	Access Cabinet Vented Pressurised Door Assembly 47U x 600mm Wide (80% Vent Pattern)	11 – 15 Working Days	Black	24.7kg
AVPD478B	Access Cabinet Vented Pressurised Door Assembly 47U x 800mm Wide (80% Vent Pattern)	11 – 15 Working Days	Black	30.3kg
A6PD3U220FTA	Access Cabinet Vented Pressurised Door 600mm Wide 220/230v A/C 3U High 2-Way Fan Tray Assembly	11 – 15 Working Days	Light Grey / Blue	1.65kg
A8PD3U220FTA	Access Cabinet Vented Pressurised Door 800mm Wide 220/230v A/C 3U High 2-Way Fan Tray Assembly	11 – 15 Working Days	Light Grey / Blue	1.95kg
A6PD3U110FTA	Access Cabinet Vented Pressurised Door 600mm Wide 110/120v A/C 3U High 2-Way Fan Tray Assembly	11 – 15 Working Days	Light Grey / Blue	1.65kg
A8PD3U110FTA	Access Cabinet Vented Pressurised Door 800mm Wide 110/120v A/C 3U High 2-Way Fan Tray Assembly	11 – 15 Working Days	Light Grey / Blue	1.95kg
A6PD3U220FTB	Access Cabinet Vented Pressurised Door 600mm Wide 220/230v A/C 3U High 2-Way Fan Tray Assembly	11 – 15 Working Days	Black	1.65kg
A8PD3U220FTB	Access Cabinet Vented Pressurised Door 800mm Wide 220/230v A/C 3U High 2-Way Fan Tray Assembly	11 – 15 Working Days	Black	1.95kg
A6PD3U110FTB	Access Cabinet Vented Pressurised Door 600mm Wide 110/120v A/C 3U High 2-Way Fan Tray Assembly	11 – 15 Working Days	Black	1.65kg
A8PD3U110FTB	Access Cabinet Vented Pressurised Door 800mm Wide 110/120v A/C 3U High 2-Way Fan Tray Assembly	11 – 15 Working Days	Black	1.95kg
A6PDBP1UA	Access Cabinet Vented Pressurised Door 1U Quick Fit Blanking Plate - 600mm Wide Door	11 – 15 Working Days	Light Grey	0.34kg
A6PDBP2UA	Access Cabinet Vented Pressurised Door 2U Quick Fit Blanking Plate - 600mm Wide Door	11 – 15 Working Days	Light Grey	0.57kg
A6PDBP1UB	Access Cabinet Vented Pressurised Door 1U Quick Fit Blanking Plate - 600mm Wide Door	11 – 15 Working Days	Black	0.34kg
A6PDBP2UB	Access Cabinet Vented Pressurised Door 2U Quick Fit Blanking Plate - 600mm Wide Door	11 – 15 Working Days	Black	0.57kg
A8PDBP1UA	Access Cabinet Vented Pressurised Door 1U Quick Fit Blanking Plate - 800mm Wide Door	11 – 15 Working Days	Light Grey	0.45kg
A8PDBP2UA	Access Cabinet Vented Pressurised Door 2U Quick Fit Blanking Plate - 800mm Wide Door	11 – 15 Working Days	Light Grey	0.75kg
A8PDBP1UB	Access Cabinet Vented Pressurised Door 1U Quick Fit Blanking Plate - 800mm Wide Door	11 – 15 Working Days	Black	0.45kg
A8PDBP2UB	Access Cabinet Vented Pressurised Door 2U Quick Fit Blanking Plate - 800mm Wide Door	11 – 15 Working Days	Black	0.75kg

Specifications subject to change without notice. For further details please contact our customer services team.