

# 19-Inch Blanking Panels



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Tool-Less 19-Inch Blanking Panel

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New to Cooper B-Line's standard product offering comes a range of Quick Fit 19-inch blanking panels. Incorporating tool-less ¼-turn fixings these panels can be easily and quickly fitted to all EIA-310-D compliant 19-inch enclosures having 19-inch square pierced mounting rails. Ideal for blanking off unused portions of the front 19-inch mounting area these panels are available in 1U, 2U and 5U increments to suit all applications.

## Blanking Panel Application

### Managing Airflow.

Unused vertical space in open frame racks and rack enclosures creates an unrestricted recycling of hot air that causes equipment to heat up unnecessarily. The use of blanking panels can reduce this problem.

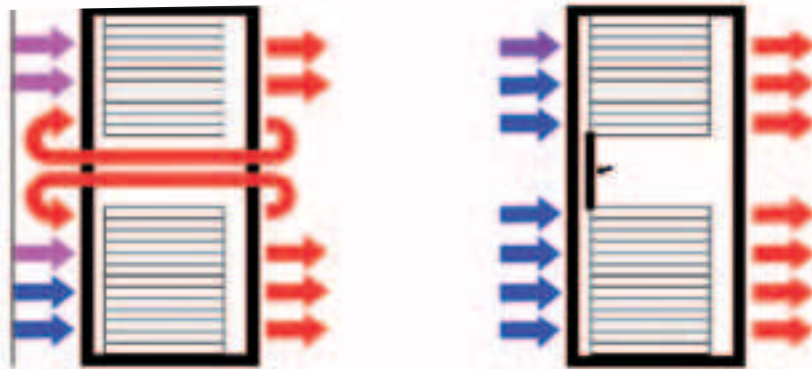
Active equipment mounted in racks cools itself by drawing cooled air from the data centre or the raised floor environment. If any heated exhaust air is allowed to return to the air inlet of the equipment, an undesirable overheating condition may occur.

Within the rack itself the possibility exists for hot exhaust air to be recycled into the active equipment air intake.

This is mainly caused when hot exhaust air returns above or below the equipment in unused rack space.

This recycling of air is not widely appreciated by data centres and is a cause of equipment overheating. The use of blanking panels to stop hot air recirculation is a low cost solution that requires no power.

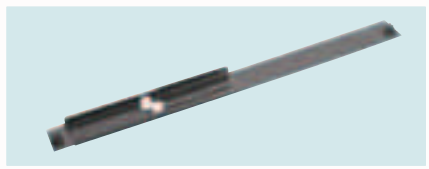
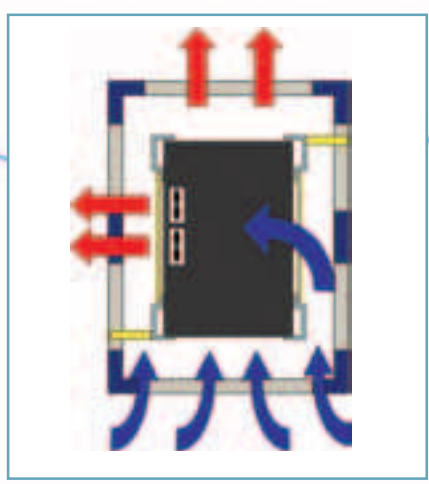
Overheating due to air recirculation and the benefits of using blanking panels are well recognized by IT equipment manufacturers, and Cooper B Line can provide a wide range of blanking panels to suit all 19-inch Rack applications.



## Tool-Less 19-Inch Blanking Panels

Order Code	Description	Shipping Weight	
PPS1UQFB	1U 19-Inch Quick Fit Blanking Panel. 482.6mm Wide x 44.0mm High Finished RAL9005 Black	0.25kg	
PPS2UQFB	2U 19-Inch Quick Fit Blanking Panel. 482.6mm Wide x 89.0mm High Finished RAL9005 Black	0.45kg	
PPS5UQFB	5U 19-Inch Quick Fit Blanking Panel. 482.6mm Wide x 222.0mm High Finished RAL9005 Black	1.1kg	

# Front to Rear Blanking Panels



## Quick Fit Adjustable Depth Switch / Server Side Blanking Panels

Designed for use in applications where both servers and switches need to be housed in a single enclosure, these quick fit adjustable depth panels form part of our modular approach to the optimisation of air-cooling within our Access cabinet solution.

Incorporating the same tool-less ¼-turn fixings as we use on our quick fit front 19-inch blanking panels these panels can be easily and quickly fitted to our Access cabinet range where the mounting angles have a side mount facility.

Available in three height (1U, 2U and 5U) and depth configurations the deployment of these quick fit adjustable depth blanking panels in conjunction with our vertical baffles and quick fit 19-inch blanking panels will allow users to conveniently optimise the air flow within the cabinet structure ensuring;

- That the cold air feed is directed to the area where it is needed allowing the servers and switches to operate efficiently.
- That the hot air expelled by any servers or switches cannot recirculate or contaminate the cold air feed.
- That the cabinet's cooling efficiency is significantly improved and as a consequence provides improved power efficiency within the data room.

This type of scenario is often associated with the deployment of network switches including the Cisco 6500 series where the switch section breathes left to right across the unit.

## Technical Specifications

Material	Panel - Mild steel 1.2mm thick (18swg) Fixings – Black Polycarbonate			
Finish	Painted RAL9005 Black			
Fixing Type	Tool-less ¼ Turn Fasteners			
Order Code	Description	Dim "A"	Dim "B"	Shipping Weight
SESBP1U3QFB	1U Quick Fit Server Side Blanking Panel	422mm to 525mm	264mm to 366mm	0.25kg
SESBP1U4QFB	1U Quick Fit Server Side Blanking Panel	535mm to 638mm	376mm to 478mm	0.27kg
SESBP1U5QFB	1U Quick Fit Server Side Blanking Panel	648mm to 750mm	488mm to 590mm	0.29kg
SESBP2U3QFB	2U Quick Fit Server Side Blanking Panel	422mm to 525mm	264mm to 366mm	0.48kg
SESBP2U4QFB	2U Quick Fit Server Side Blanking Panel	535mm to 638mm	376mm to 478mm	0.52kg
SESBP2U5QFB	2U Quick Fit Server Side Blanking Panel	648mm to 750mm	488mm to 590mm	0.56kg
SESBP5U3QFB	5U Quick Fit Server Side Blanking Panel	422mm to 525mm	264mm to 366mm	3.30kg
SESBP5U4QFB	5U Quick Fit Server Side Blanking Panel	535mm to 638mm	376mm to 478mm	3.40kg
SESBP5U5QFB	5U Quick Fit Server Side Blanking Panel	648mm to 750mm	488mm to 590mm	3.50kg