

NetShelter Aisle Containment Next Generation

Aisle Containment Solution

Width of aisle	972 mm (3 ft) 1,268 mm (4 ft) 1,860 mm (6 ft)
Width of horizontal roof/vertical duct structure	aisle width + 76 mm (3.0 in)
Row height	42 to 52U (1,991 to 2,436 mm)
Total height (horizontal roof)	Row height + 212 mm (8.3 in)
Clearance between rack and roof structure	136 mm (5.4 in)
Color	APC Raven Black

Doors

	Dual door	Single door
Material	Aluminum frame, cold-rolled steel, and solid polycarbonate panel	
Features	Self closing, door stopper at open position, door synchronization, compatible with Active Flow Controller	
Width of door	2,555 mm (100.6 in)	1,660 mm (65.4 in)
Width of opening	900 mm (35.4 in), or 1,200 mm (47.2 in)	900 mm (35.4 in)
Total Height	42U row: 2,360 mm (92.9 in) 45U row: 2,510 mm (98.8 in) 48U row: 2,510 mm (98.8 in) 52U row: 2,660 mm (104.7 in)	
Depth	200 mm (7.9 in)	
Thickness of solid polycarbonate panel	3.2 mm (0.1 in)	
Transparency of solid polycarbonate panel	88.0%	

Frame Extrusions**(used for horizontal roof frame, vertical duct frame, blanking panel frame)**

Material	Acrylonitrile butadiene styrene (ABS)
Dimensions (height x width x length)	76 x 38 x 2,536 mm (3.0 x 1.5 x 99.8 in)

Multi-wall Panels**(used for horizontal roof panels, vertical duct panels, blanking panels)**

Material	Polycarbonate
Thickness	6 mm (0.2 in)
Blanking panel width	≤ 830 mm (32.7 in)
Blanking panel height	3 to 52U (133 to 2,311 mm/5.3 to 91.0 in)

Cabinet and Ceiling Seal Coextrusions

Material	Polypropylene and thermoplastic elastomer
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LED Module

Material	Silicone
Dimensions (height x width x depth)	12 x 12 x 3,000 mm (0.5 x 0.5 x 118.1 in)
Weight	160 g/m
Lux	1,100 lm/M
Energy class	F
Color temperature	6,500 K
Color rendering index (CRI)	80
Dimmable	No
Angle of illumination	120°
Operating conditions	-25...60 °C (-13... 140 °F)
IP value	None
Expected life	3,0000 H
Input voltage	24 VDC
Current consumption	9.6 W/M
Connectable LED Tubes	No
Maximal length of serially connected LED Tubes	3 m/pcs (combine 6 M) in series from a single power supply
Connection	Molex tube
Quality mark	CE, UL
Directives	2014/30/EU, RoHs 2011/65/EU & 2015/863, EC 1907/2006, EU2019/2020
Standards	IEC 62471, UL2108

Lighting Control Box

Dimensions (height x width x length)	44 x 120 x 170 mm (1.7 x 4.7 x 6.7 in)
Weight	1,671 g (3.7 lb)

Certifications

Aisle containment solution	UL 484
Panels	UL 723
LED Module	EN 61547, EN 55015
Lighting Control Box	EN/IEC 62368-1, EN 55032, EN 55035