

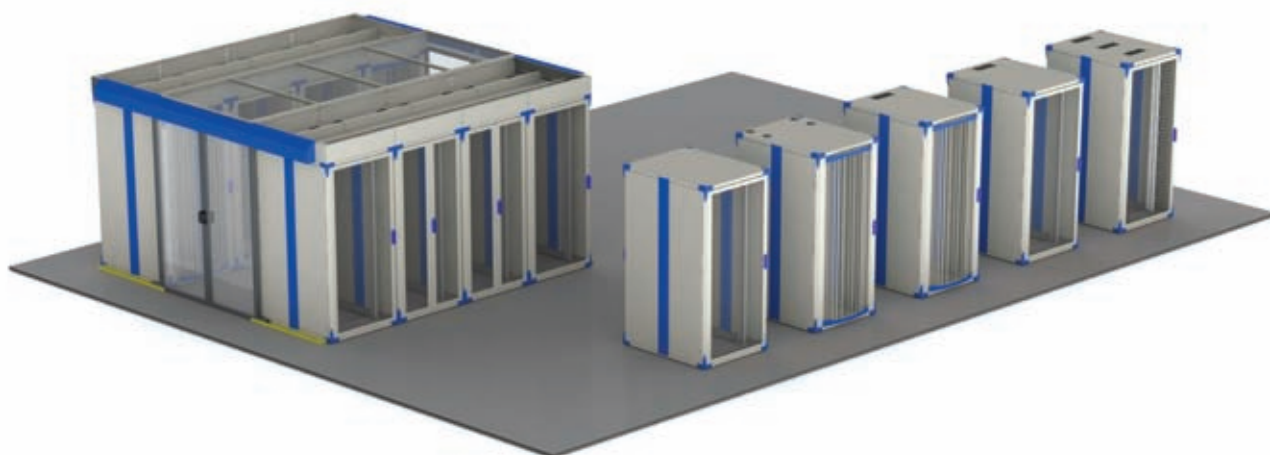
Access™ rack system (ARS)



Typical arrangement for large traditional Data Centre - ducted fed cooling

Access™ (ARS) for uncompromised accessibility

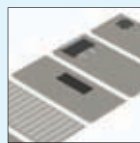
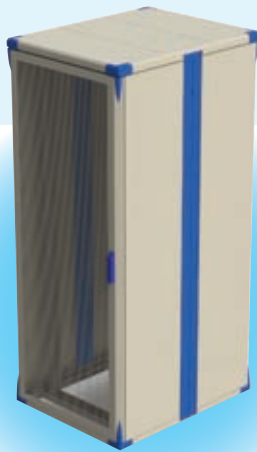
A long-established solution, Eaton's B-Line Business Access™ Rack System (ARS) continues to provide the best working and cabling accessibility to optimise cabling density and minimise installation costs. Designed and manufactured in the UK, ARS boasts the broadest range of solutions for Data Centres and Telecomms.



Access™ rack system (ARS)

ARS features

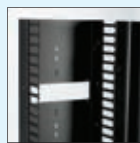
- Patented centre post design
- Bolt together construction with flat packed options
- Static load rating 1000kg
- Supplied with two pairs of 19" mounting rails
- Unit height labels fitted to front and rear 19" mounting rails (numbered bottom to top)
- Nylon skids fitted as standard
- Earth bonding kit included as standard
- Earth bonding compliant EN60950-1
- Various door options to suit application
- Various roof options to suit application
- Available in 3 colour options:
 - light grey with blue trim
 - black with black trim
 - light grey with black trim



Roof panel options



Colour options



Cable management



HD cooling



Ducted cooling



Aisle containment

1. Open frame structure

- Bolt together construction
- 1000kg static load rating
- IP20 environmental rating
- Quick and easy to adjust
- Standard heights 42U, 47U and 52U
- Widths of 600mm and 800mm
- Depths of 875mm, 1000mm, 1200mm
- Available assembled or flat packed

2. Door features

- 2-point hinging
- Configurable left or right hinged
- Two point locking with upgrade locking options
- Single and double door variants

3. Locking options

- Two point espan locking as standard with keyed alike locks
- Upgrade options include:
 - Individually keyed locks
 - Mechanical combination locks
 - Electronic locking
 - Network configurable intelligent locking

4. Side panel features

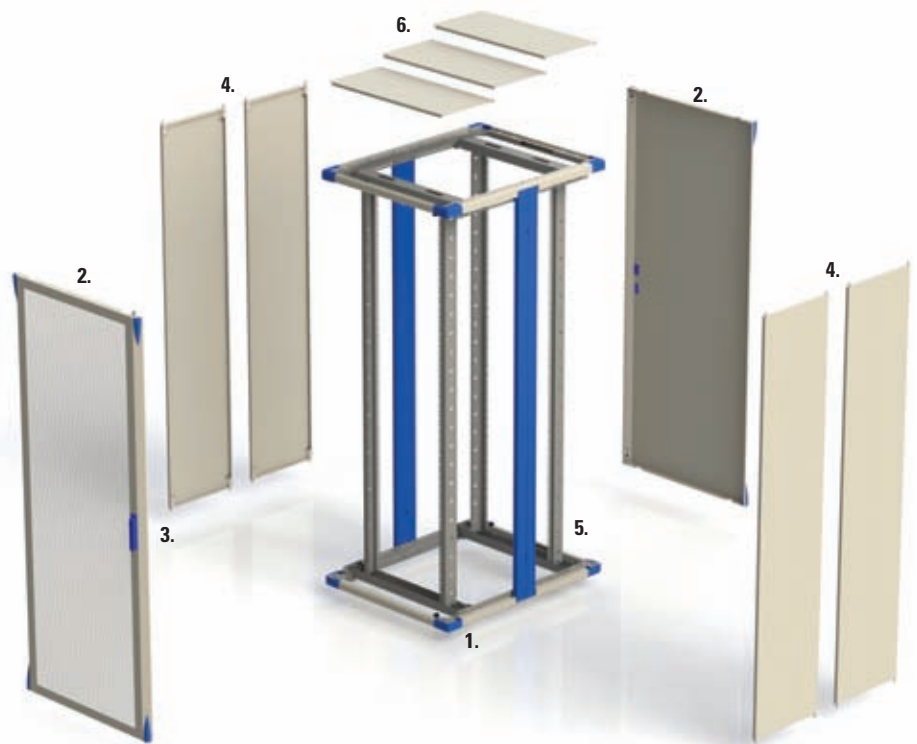
- Standard split half depth configuration
- Easier handling
- Quick release hinges
- Secure

5. Mounting technologies

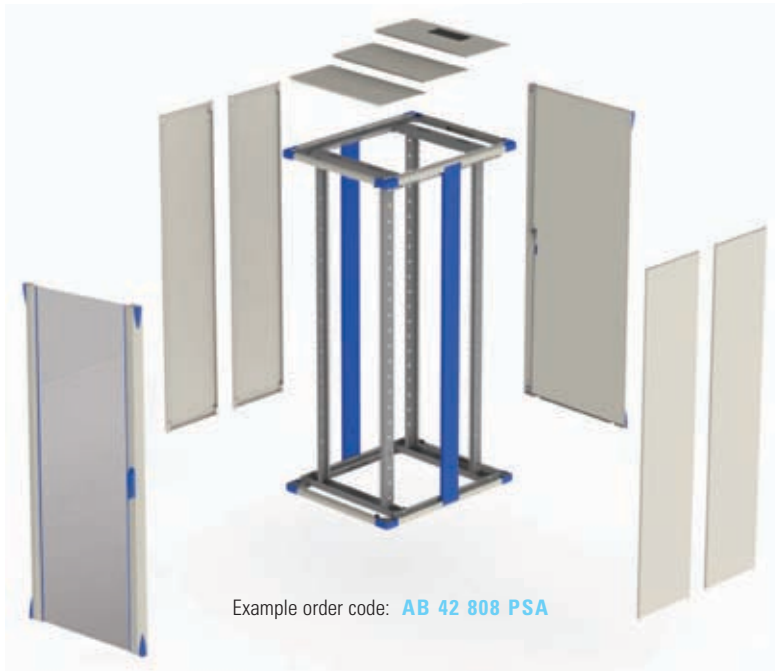
- Rails fully adjustable front and rear
- 19" square pierced rails
- 23" mounting option in 800W racks
- Full width mounting option in 800W racks
- Fully EIA0310-E compliant

6. Top panel options

- Range of upgradable top infill panel options including vented, cable entry and fan tray options
- Modular top panel configuration



Access™ rack system (ARS)



Example order code: **AB 42 808 PSA**

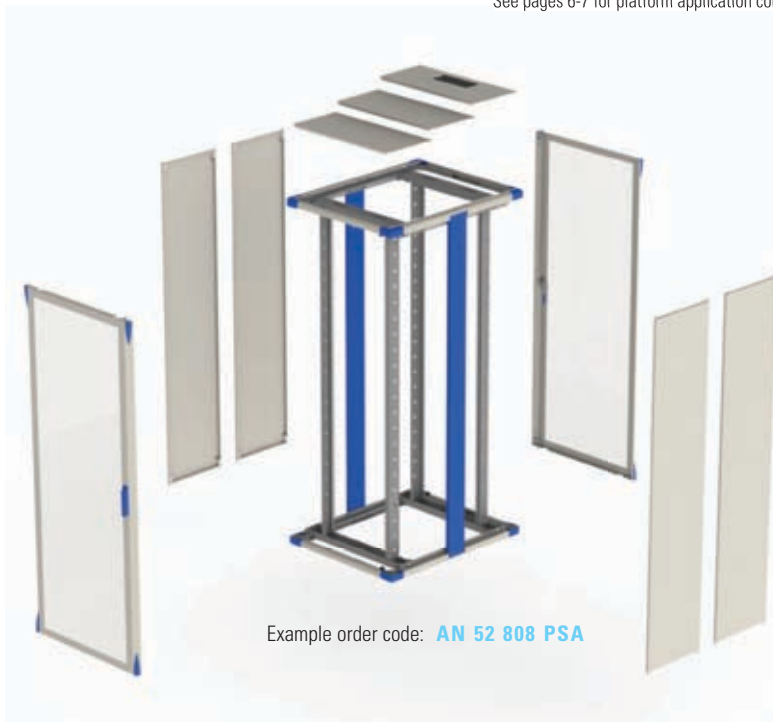
ARS Basic - specification

Included as standard:

- Two pairs of 19" mounting rails
- Unit height labels fitted to front and rear 19" mounting rails (numbered bottom to top)
- Nylon skids
- Doors configured left hand (LH) hinged as standard
- Doors fitted with standard key locking swing handle with 2-point locking
- Doors fitted with quick release hinges
- Glazed front and plain steel rear door
- Quick release side panels both sides
- Top panels configuration: basic brush entry panel rear all other panels plain
- Earth bonding kit
- Available in standard light grey with blue or black trim or black with black trim

Configuration	Application	Width mm	600			800			Configuration see page 33			
		Depth mm	875	1000	1200	875	1000	1200	Build	Sides	Colour	Base
Basic Rack	AB	42U	608	610	612	808	810	812	P	S	A	
		47U	608	610	612	808	810	812	P	S	A	
		52U	608	610	612	808	810	812	P	S	A	

See pages 6-7 for platform application compatibility



Example order code: **AN 52 808 PSA**

ARS Network - specification

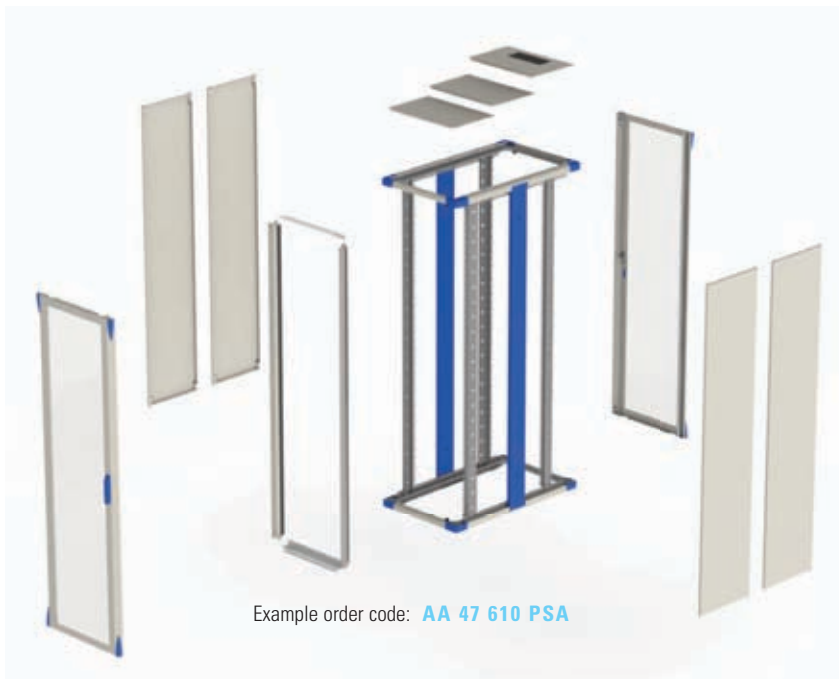
Included as standard:

- Two pairs of 19" mounting rails
- Unit height labels fitted to front and rear 19" mounting rails (numbered bottom to top)
- Nylon skids
- Doors configured LH hinged as standard
- Doors fitted with standard key locking swing handle with 2-point locking
- Doors fitted with quick release hinges
- Flat vented front and rear doors
- Quick release side panels both sides
- Top panels configuration: basic brush entry panel rear all other panels plain
- Earth bonding kit
- Available in standard light grey with blue or black trim or black with black trim

Configuration	Application	Width mm	600			800			Configuration see page 33			
		Depth mm	875	1000	1200	875	1000	1200	Build	Sides	Colour	Base
Network Rack	AN	42U	608	610	612	808	810	812	P	S	A	
		47U	608	610	612	808	810	812	P	S	A	
		52U	608	610	612	808	810	812	P	S	A	

See pages 6-7 for platform application compatibility

Access™ rack system (ARS)



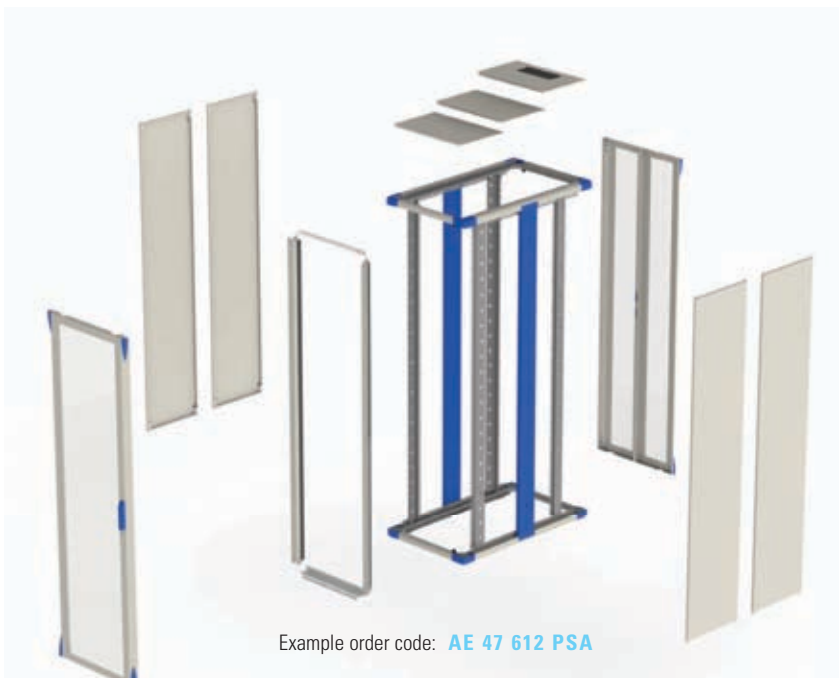
ARS Active - specification

Included as standard:

- Two pairs of 19" mounting rails
- Unit height labels fitted to front and rear 19" mounting rails (numbered bottom to top)
- Nylon skids
- Doors configured LH hinged as standard
- Doors fitted with standard key locking swing handle with 2-point locking
- Doors fitted with quick release hinge
- Flat vented doors front and rear
- Quick release side panels both sides
- Top panels configuration: basic brush entry panel rear all other panels are plain
- Air management baffle kit
- Earth bonding kit
- Available in standard light grey with blue or black trim or black with black trim

Configuration	Application	Width mm		Configuration see page 33				
		Depth mm	1000	1200	Build	Sides	Colour	Base
Active Rack	AA	42U	610	612	P	S	A	
		47U	610	612	P	S	A	
		52U	610	612	P	S	A	

See pages 6-7 for platform application compatibility



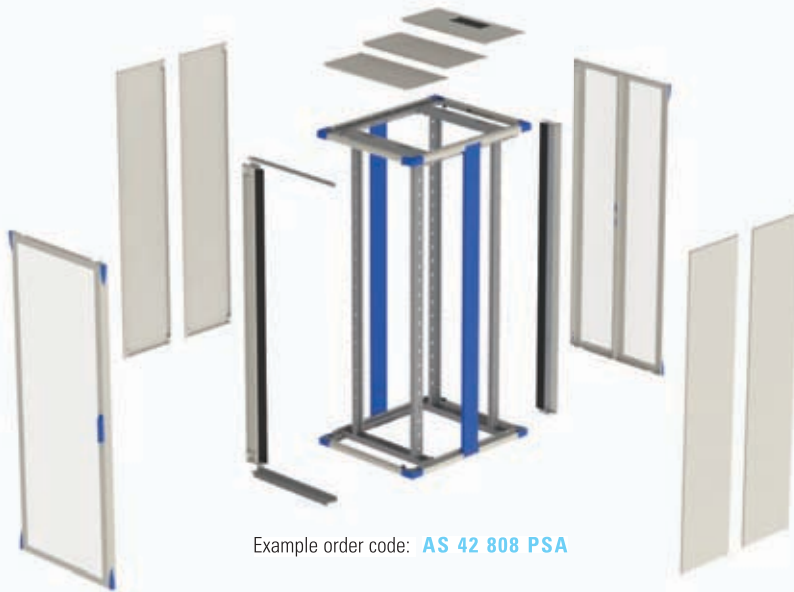
ARS Active+ - specification

Included as standard:

- Two pairs of 19" mounting rails
- Unit height labels fitted to front and rear 19" mounting rails (numbered bottom to top)
- Nylon skids
- Single doors configured LH hinged as standard
- Doors fitted with standard key locking swing handle with 2-point locking
- Doors fitted with quick release hinge
- Flat vented doors front
- Double vented doors rear
- Quick release side panels both sides
- Top panels configuration: basic brush entry panel rear all other panels are plain
- Air management baffle kit
- Earth bonding kit
- Available in standard light grey with blue or black trim or black with black trim

Configuration	Application	Width mm		Configuration see page 33				
		Depth mm	1000	1200	Build	Sides	Colour	Base
Active+ Rack	AE	42U	610	612	P	S	A	
		47U	610	612	P	S	A	
		52U	610	612	P	S	A	

See pages 6-7 for platform application compatibility



Example order code: **AS 42 808 PSA**

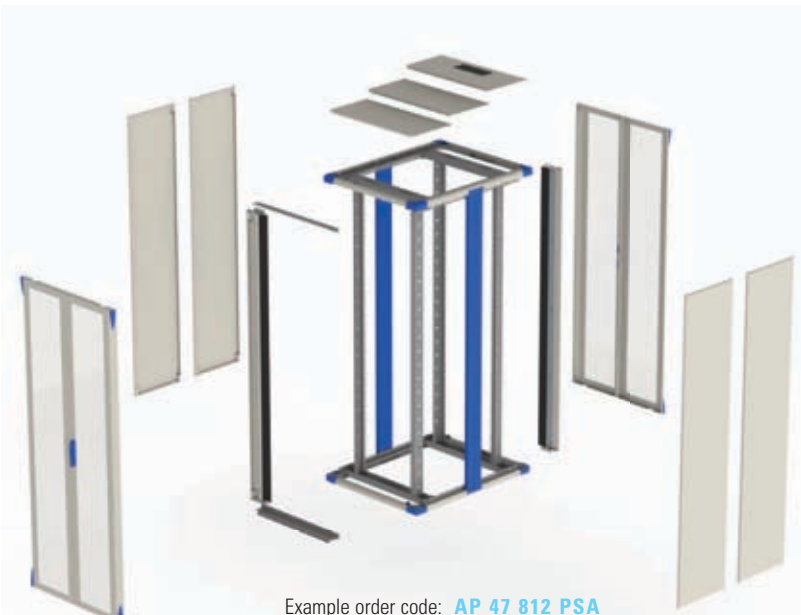
ARS Switch - specification

Included as standard:

- Two pairs of 19" mounting rails
- Unit height labels fitted to front and rear 19" mounting rails (numbered bottom to top)
- Nylon skids
- Single doors configured LH hinged as standard
- Doors fitted with standard key locking swing handle with 2-point locking
- Doors fitted with quick release hinges
- Flat vented front door
- Double vented rear door
- Quick release side panels both sides
- Top panels configuration: basic brush entry panel rear all other panels are plain
- Air management baffle kit
- Earth bonding kit
- Available in standard light grey with blue or black trim or black with black trim

Configuration	Stem	Width mm	800			Configuration see page 33			
		Depth mm	875	1000	1200	Build	Sides	Colour	Base
Switch Rack	AS	42U	808	810	812	P	S	A	
		47U	808	810	812	P	S	A	
		52U	808	810	812	P	S	A	

See pages 6-7 for platform application compatibility



Example order code: **AP 47 812 PSA**

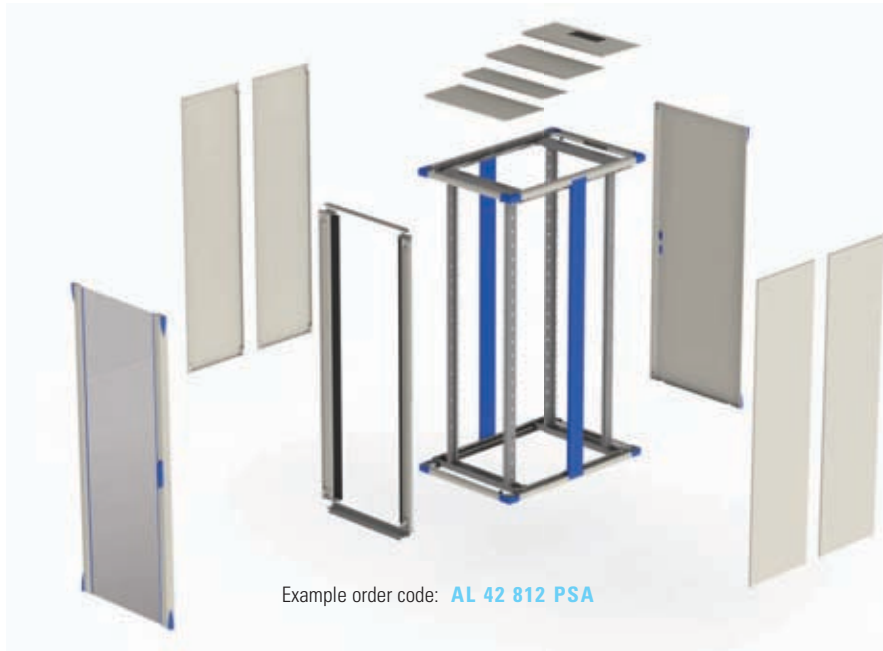
ARS Switch+ - specification

Included as standard:

- Two pairs of 19" mounting rails
- Unit height labels fitted to front and rear 19" mounting rails (numbered bottom to top)
- Nylon skids
- Doors fitted with standard key locking swing handle with 2-point locking
- Doors fitted with quick release hinges
- Double vented front and rear doors
- Quick release side panels both sides
- Top panels configuration: basic brush entry panel rear all other panels are plain
- Air management baffle kit
- Earth bonding kit
- Available in standard light grey with blue or black trim or black with black trim

Configuration	Application	Width mm	800			Configuration see page 33			
		Depth mm	875	1000	1200	Build	Sides	Colour	Base
Switch Rack	AP	42U	808	810	812	P	S	A	
		47U	808	810	812	P	S	A	
		52U	808	810	812	P	S	A	

See pages 6-7 for platform application compatibility



Example order code: **AL 42 812 PSA**

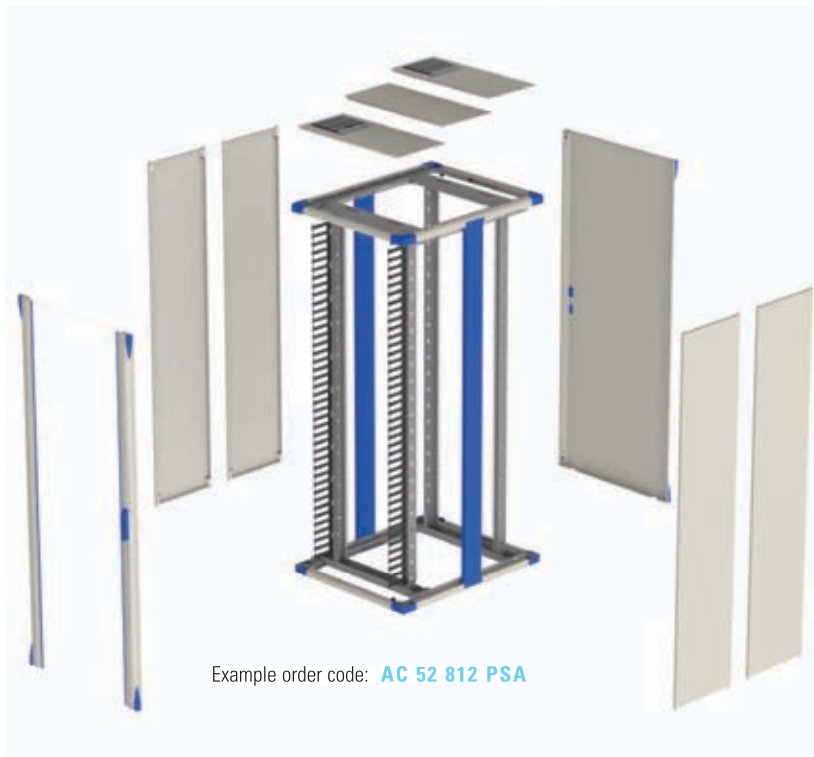
ARS Closed loop - specification

Included as standard:

- Two pairs of 19" mounting rails
- Unit height labels fitted to front and rear 19" mounting rails (numbered bottom to top)
- Nylon skids
- Doors configured LH hinged as standard
- Doors fitted with standard key locking swing handle with 2-point locking
- Doors fitted with quick release hinges
- Glazed front and plain steel rear door
- Quick release side panels both sides
- Top panels configuration: basic brush entry panel rear all other panels are plain
- Air management baffle kit
- Earth bonding kit
- Available in standard light grey with blue or black trim or black with black trim

Configuration	Application	Width mm		600		800		Configuration see page 33		
		Depth mm		1200		Build	Sides	Colour	Base	
Closed Loop Rack	AL	42U	612	812	P	S	A			
		47U	612	812	P	S	A			
		52U	612	812	P	S	A			

See pages 6-7 for platform application compatibility



Example order code: **AC 52 812 PSA**

ARS Cabling - specification

Included as standard:





- Two pairs of 19" mounting rails
- Front mounting rails fitted with cable management fingers
- Unit height labels fitted to front and rear 19" mounting rails (numbered bottom to top)
- Nylon skids
- Doors configured LH hinged as standard
- Doors fitted with standard key locking swing handle with 2-point locking
- Doors fitted with quick release hinges
- Glazed front and plain steel rear door
- Quick release side panels both sides
- Top panels configuration: brush strip all positions
- Earth bonding kit
- Available in standard light grey with blue or black trim or black with black trim





Configuration	Application	Width mm		800			Configuration see page 33		
		Depth mm		875	1000	1200	Build	Sides	Colour
Cabling Rack	AC	42U	808	810	812	P	S	A	
		47U	808	810	812	P	S	A	
		52U	808	810	812	P	S	A	

See pages 6-7 for platform application compatibility

Access™ rack system (ARS)

ARS - family table

Access rack system ARS		ARS			
		Basic AB	Network AN	Active AA	Active+ AE
					
Frame	Frame Configuration	Centre Post	Centre Post	Centre Post	Centre Post
Doors	Front door	Glazed	Flat Vented	Flat Vented	Flat Vented
	Rear door	Plain Steel	Flat Vented	Flat Vented	Flat Double Vented
Roof	Top cover - rear	Brush Strip Panel	Brush Strip Panel	Brush Strip Panel	Brush Strip Panel
	Top cover - middle	Plain	Plain	Plain	Plain
	Top cover - front				
	Top cover - 1200d infill				
Air flow	Top and bottom baffles	None	None	Fitted	Fitted
	Vertical baffles				
	Brush strip top of 19" field				
Cable support	Twist & lock cable management arms	None	None	None	None
	Vert cable management fingers single (rcm)				
	Cable spool arms				
	Vert cable management fingers pair (rcm)				

Access rack system ARS		ARS			
		Switch AS	Switch+ AP	Closed loop AL	Cabling AC
					
Frame	Frame Configuration	Centre Post	Centre Post	Centre Post	Centre Post
Doors	Front door	Flat Vented	Flat Double Vented	Glazed	Glazed
	Rear door	Flat Double Vented	Flat Double Vented	Plain Steel	Plain Steel
Roof	Top cover - rear	Brush Strip Panel	Brush Strip Panel	Brush Strip Panel	Enhanced Brush Entry
	Top cover - middle	Plain	Plain	Plain	Plain
	Top cover - front				Enhanced Brush Entry
	Top cover - 1200d infill				Plain
Air flow	Top and bottom baffles	Fitted	Fitted	Fitted	None
	Vertical baffles				
	Brush strip top of 19" field				
Cable support	Twist & lock cable management arms	None	None	None	None
	Vert cable management fingers single (rcm)				
	Cable spool arms				
	Vert cable management fingers single (rcm)				Fitted Front

ARS - part number configuration

Standard Racks	Application	Width mm Depth mm	600			800			Build	Sides	Colour	Base
			875	1000	1200	875	1000	1200				
42U racks												
Basic	AB	42U	608	610	612	808	810	812	P	S	A	
Network	AN	42U	608	610	612	808	810	812	P	S	A	
Active	AA	42U	-	610	612	-	-	-	P	S	A	
Active+	AE	42U	-	610	612	-	-	-	P	S	A	
Switch	AS	42U	-	-	-	808	810	812	P	S	A	
Switch+	AP	42U	-	-	-	808	810	812	P	S	A	
Closed loop	AL	42U	-	-	612	-	-	812	P	S	A	
Cabling	AC	42U	-	-	-	808	810	812	P	S	A	
47U racks												
Basic	AB	47U	608	610	612	808	810	812	P	S	A	
Network	AN	47U	608	610	612	808	810	812	P	S	A	
Active	AA	47U	-	610	612	-	-	-	P	S	A	
Active+	AE	47U	-	610	612	-	-	-	P	S	A	
Switch	AS	47U	-	-	-	808	810	812	P	S	A	
Switch+	AP	47U	-	-	-	808	810	812	P	S	A	
Closed loop	AL	47U	-	-	612	-	-	812	P	S	A	
Cabling	AC	47U	-	-	-	808	810	812	P	S	A	
52U racks												
Basic	AB	52U	608	610	612	808	810	812	P	S	A	
Network	AN	52U	608	610	612	808	810	812	P	S	A	
Active	AA	52U	-	610	612	-	-	-	P	S	A	
Active+	AE	52U	-	610	612	-	-	-	P	S	A	
Switch	AS	52U	-	-	-	808	810	812	P	S	A	
Switch+	AP	52U	-	-	-	808	810	812	P	S	A	
Closed loop	AL	52U	-	-	612	-	-	812	P	S	A	
Cabling	AC	52U	-	-	-	808	810	812	P	S	A	

Example Order Code

AL 52 612 P S A

Type "U" Height Width Depth

Build	Sides	Colour	Base
P = Assembled & palletised (non configured options)	S = With sides	A = Grey & blue trim	C = Jacking feet & castors
K = Flat packed	N = Without sides	B = Black & black trim	J = Jacking feet
	L = LH side only	C = Grey & black trim	P = Plinth & jacking feet
	R = RH side only		Q = Option "P" + castors
			Blank = Nylon skids

