

RS Èlite 4DC Free-Standing Cabinet 800x1000



Description

The RS Èlite 4DC cabinets, manufactured in Italy using high-quality materials, deliver high load-bearing capacity, improved ventilation, and enhanced security to protect equipment in IT infrastructures, Data Centers, and Artificial Intelligence (AI) applications. Available in multiple widths and depths, these cabinets ensure that installations are ready to meet future increases in processing demand. When integrated with ITCage CAC or HAC containment islands, the RS Èlite 4DC cabinets are the ideal solution for generative AI workloads across Enterprise, Data Center, Colocation, and Hyperscale environments.

Technical Features

The load-bearing frame is constructed using 2.0 mm steel vertical and horizontal profiles, assembled with four 3.0 mm steel joints, ensuring high robustness and load capacity. At each end, 4.0 mm steel plates provide additional structural support and allow the installation of castors and adjustable leveling feet. The roof is removable and features cable entry points on both sides, equipped with brushes and a rear access hatch. The front and rear doors are mounted on three quick-release hinges and open to 180°. Ventilation is ensured by an 80% perforated grille, made with 9.2 mm hexagonal honeycomb holes, optimizing airflow and enabling more effective cooling inside the rack cabinet

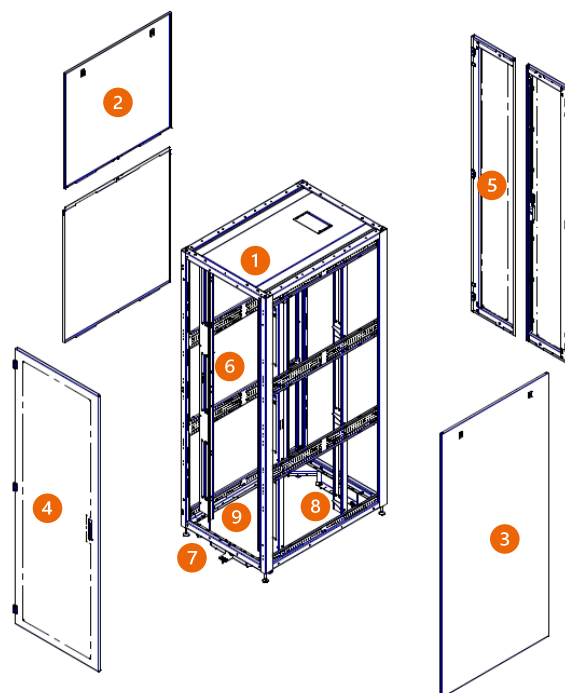
Technical Features

Frame	Modular and disassemble	Side panel	Removable panels with sliding-lock system (key-lock option available), 1.0 mm thick
Material	Steel sheet thickness 2.0mm/3.0mm/4.0mm	Bottom	Open bottom (optional closing plate with cable-entry brushes available on request)
Static load	2200 kg	Top panel	Removable top panel with cable entry on both sides featuring brush inserts, plus rear inspection hatch
Dynamic load	1400 kg	Protection rating	IP20 according to EN 60529
19"/ rack uprights	4 made of 2.0 mm steel, with numbered U positions, depth-adjustable through a sliding system, compliant with EIA-310E and IEC-60297-3	Powder coating	Epoxy powder coating, Realcoat™ HB, scratch-resistant finish
Front door	Single 80% perforated door with 9.2mm hexagonal holes, single-point locking	Color	Black RAL 9005
Rear door	Double 80% perforated door with 9.2 mm hexagonal holes, three-point locking with espagnolette rod	Compliance	RoHS 2 Direttiva 2011/65/EU RoHS 3 Direttiva 2015/963/EU
Door hinges	3 quick-release hinges with safety system, 180° opening	Warranty	5 years

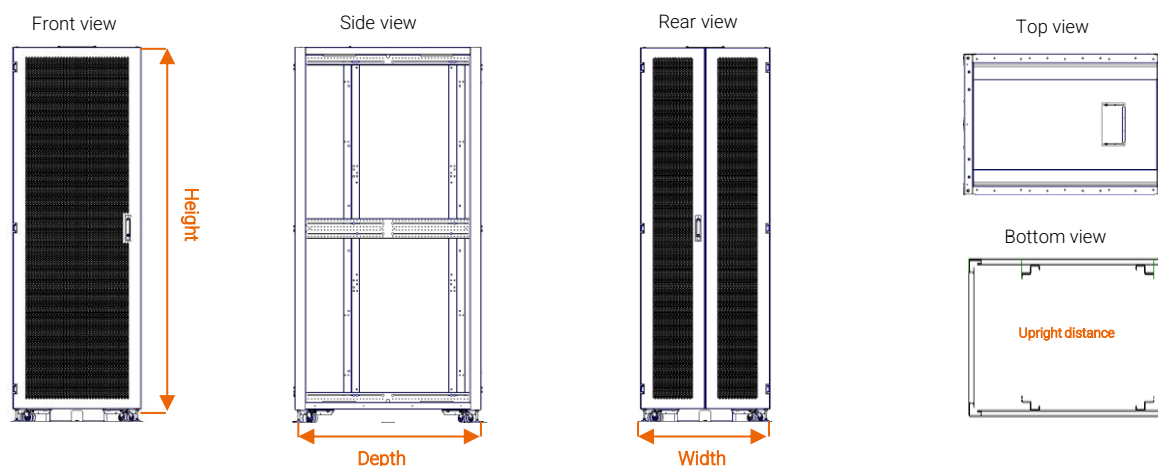
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Construction Drawing

- 1 Removable top panel with cable entry
- 2 Two-section side panel (on request)
- 3 Single side panel
- 4 Single 80% perforated front door
- 5 Double 80% perforated rear door
- 6 19"/0U upright for installing 19"/1U equipment
- 7 Castors and leveling feet
- 8 4.0 mm bottom plates for mounting castors and adjustable leveling feet
- 9 Open bottom



Dimension



Version

P/N	Description	U	Vertical U	Uprights Distance	Height	Width	Depth	Color
309479	RS Élite 4DC with single front door and rear double perforated doors 80% open area	42	12+12	750 mm	2062 mm	800 mm	1000 mm	Black, RAL 9005
309480	RS Élite 4DC with single front door and rear double perforated doors 80% open area	48	12+12	750 mm	2328 mm	800 mm	1000 mm	Black, RAL 9005
309481	RS Élite 4DC with single front door and rear double perforated doors 80% open area	52	12+12	750 mm	2506 mm	800 mm	1000 mm	Black, RAL 9005

Height: includes leveling feet, H. 78 mm

Color code: 01 Grey RAL 7035, 02 White RAL 9016

Versions: other options available on request

Side panels

P/N	Description	U	Depth	Color
309488	Side panel with sliding-lock system	42	1000 mm	Black, RAL 9005
309491	Side panel with sliding-lock system	48	1000 mm	Black, RAL 9005
309494	Side panel with sliding-lock system	52	1000 mm	Black, RAL 9005

Color code: 01 Grey RAL 7035, 02 White RAL 9016

Versions: other options available on request