



# TECHNICAL DATA SHEET

## MODSECUR<sup>®</sup> MICRO DATACENTER 2.0

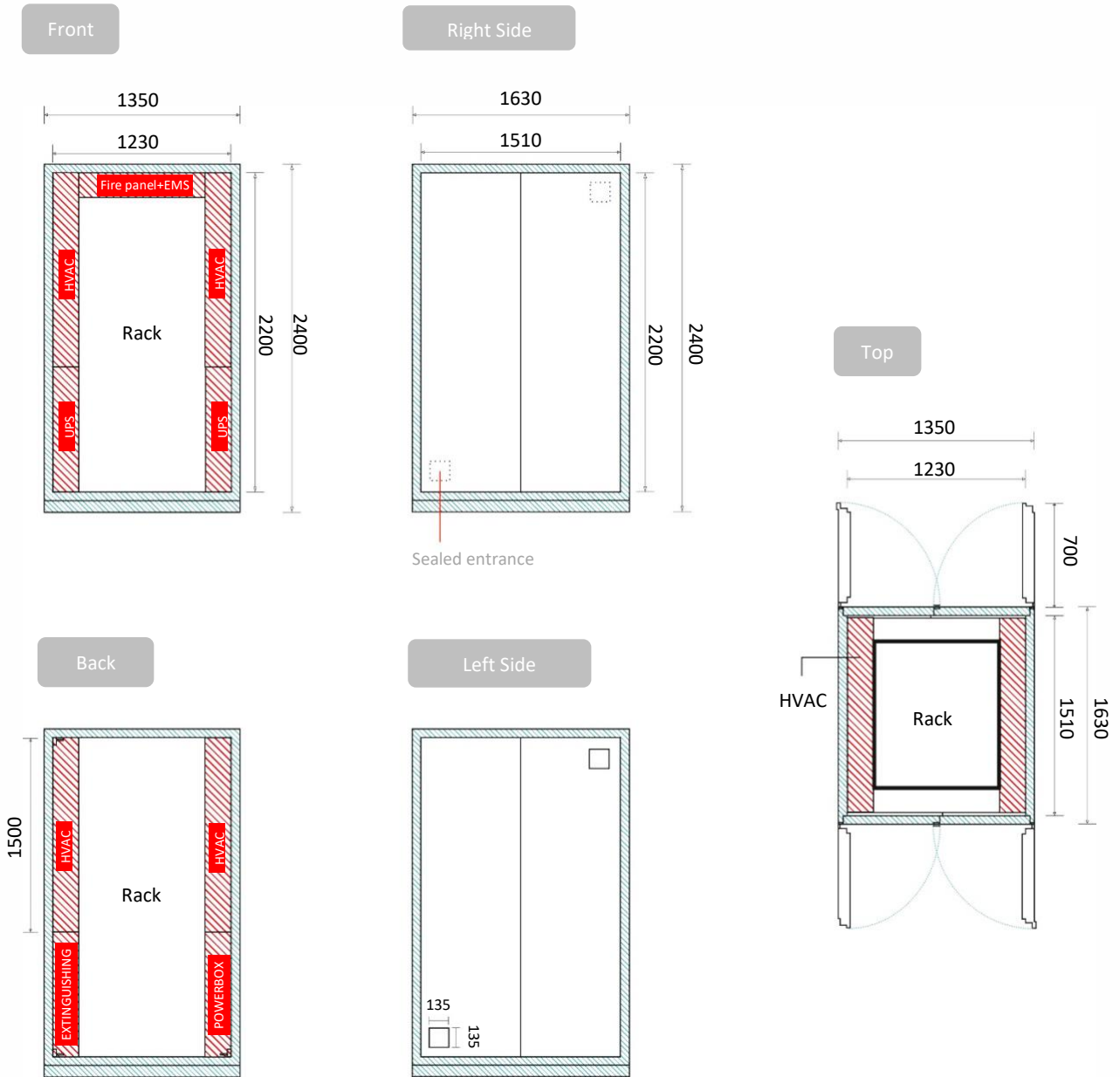
SIMPLE MDC 42U; DOUBLE MDC 2x42U; AGGREGATE MDC Nx42U



geral@maxiglobal.pt  
www.maxiglobal.pt



# MODSECUR<sup>®</sup> MICRO DATA CENTER

SIMPLE MDC 42U (1350x2400x1630)



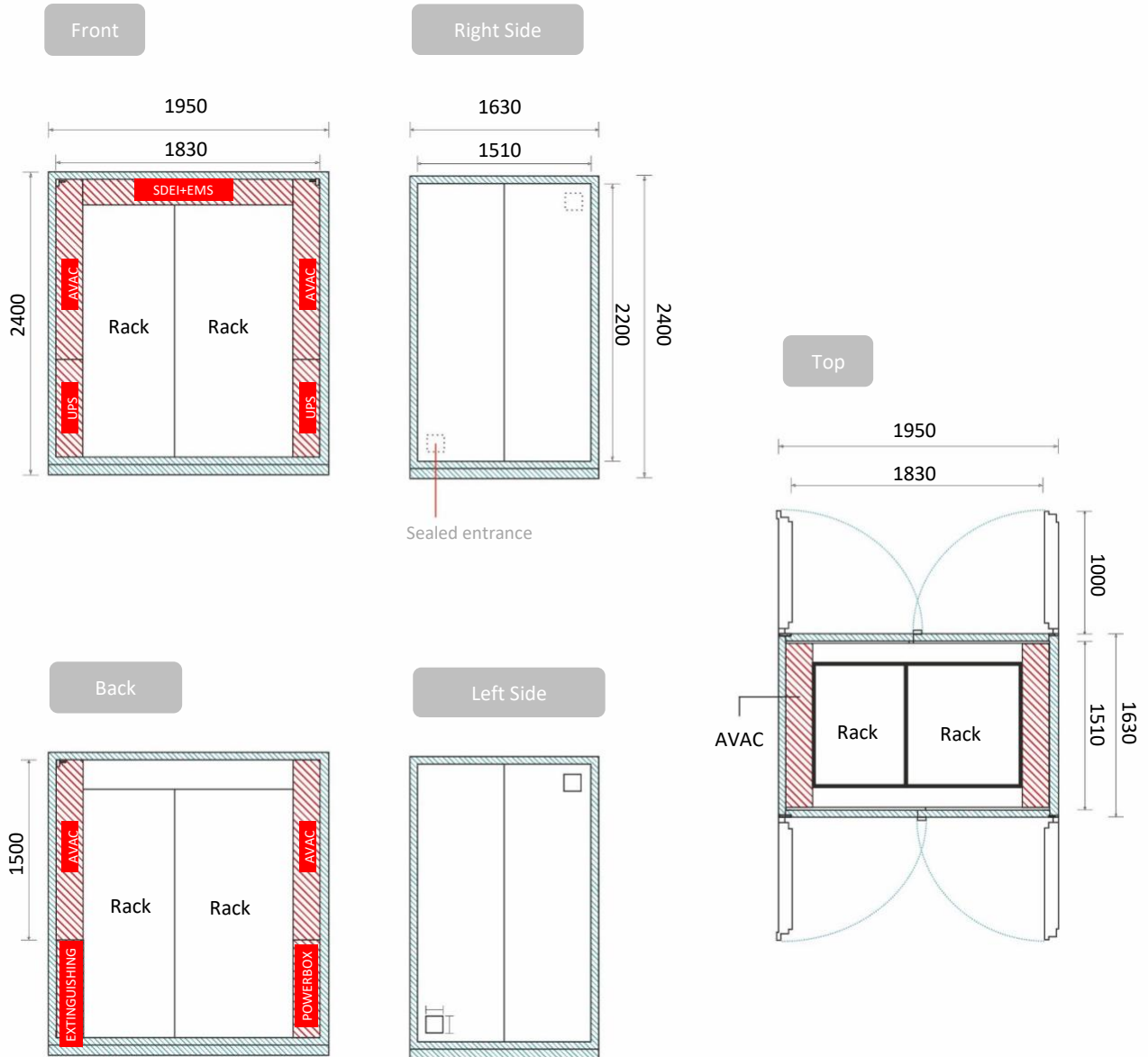
**Rack:** 42U - 800x1200mm | **Approximate structure weight:** 1150kg

**Subtitle:**

-  Exterior structure
-  Indoor equipment



## DOUBLE MODSECUR<sup>®</sup> MICRO DATA CENTER

DOUBLE MDC RACK 42U (1950x2400x1630)



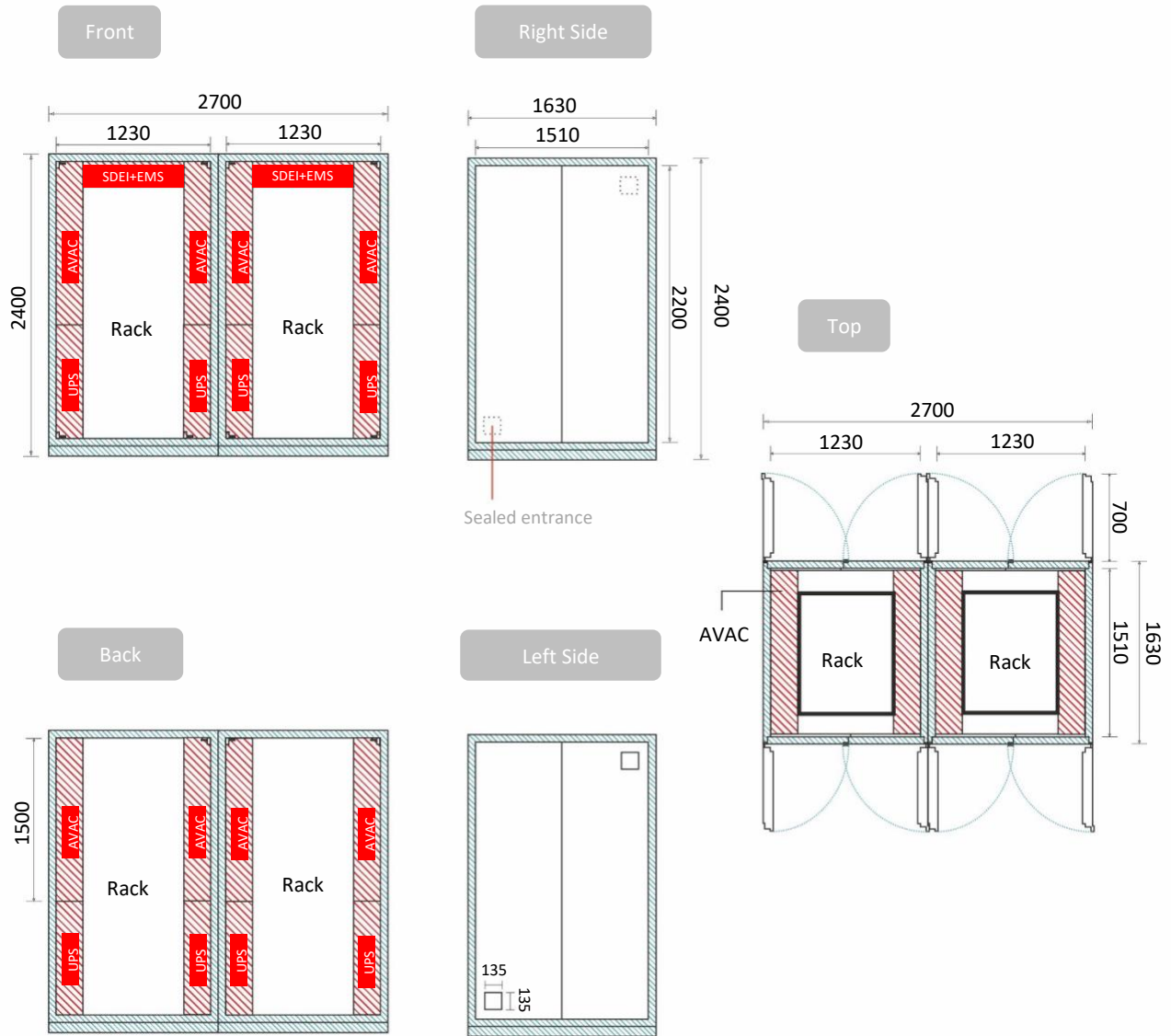
**Racks:** 42U - 800x1200mm; 42U - 600x1200mm/42U | **Approximate structure weight:**1300kg

**Subtitle:**

-  Exterior structure
-  Indoor equipment



# AGGREGATE MODSECUR<sup>®</sup> MICRO DATA CENTER

AGGREGATE 2 X 42U (2700x2400x1630)



Racks: 800x1200/42U

Caption:

-  Exterior structure
-  Indoor equipment

## SPECIFICATIONS



Front



Back

### Caption:

- 1 - Fire Station (Rack Mounted 2U)
- 2 - Rack of 600 / 800x1200mm 42U
- 3 - Cooling System: DX Units
- 4 - UPS: Uninterruptible Power Supply
- 5 - Fire and smoke detection system
- 6 - Front and rear LED lighting
- 7 - Fire extinguishing system (Novec / FM200)
- 8 - Power Box

### Protection against:



fire



vandalism



humidity



dust

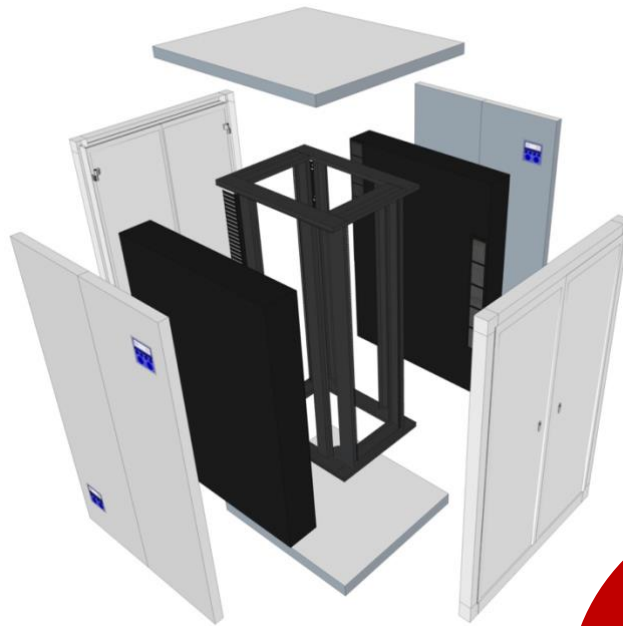


smoke

## MODULAR SYSTEMS FOR QUICK REPLACEMENT

ModSecur Micro Data Center 2.0 is equipped with an “all swappable” technology that allows the removal and replacement of components without shutting it down. It is possible to remove and replace the following components without stopping:

- ✓ Fire station
- ✓ Access Control
- ✓ UPS bypass
- ✓ UPS
- ✓ Powerbox



High-density, redundant data center and mean time to repair major components (MTTR) is less than 5 minutes



## CREATE YOUR MDC BY CHOOSING OPTIONS

EXAMPLE: MDC S C 2R P 2R S 1 CASCP F 9003

### MODSECUR NETWORKING

Height	Model
42 U	<span style="border: 1px solid yellow; padding: 2px;">Simple</span>
<span style="border: 1px solid yellow; padding: 2px;">42 U</span>	Double

### MODSECUR COOLING - C

2.6 Kw	<span style="border: 1px solid green; padding: 2px;">2</span>
3.4 Kw	3
5.0 Kw	5
6.0 Kw	6
12.5Kw (mandatory rack 600mm)	12
20Kw (mandatory rack 600mm)	20
Redundancy	<span style="border: 1px solid green; padding: 2px;">R</span>

### MODSECUR POWER - P

2Kva	<span style="border: 1px solid red; padding: 2px;">2</span>
3Kva	3
5 Kva	5
6 Kva	6
10 Kva	10
Redundancy	<span style="border: 1px solid red; padding: 2px;">R</span>

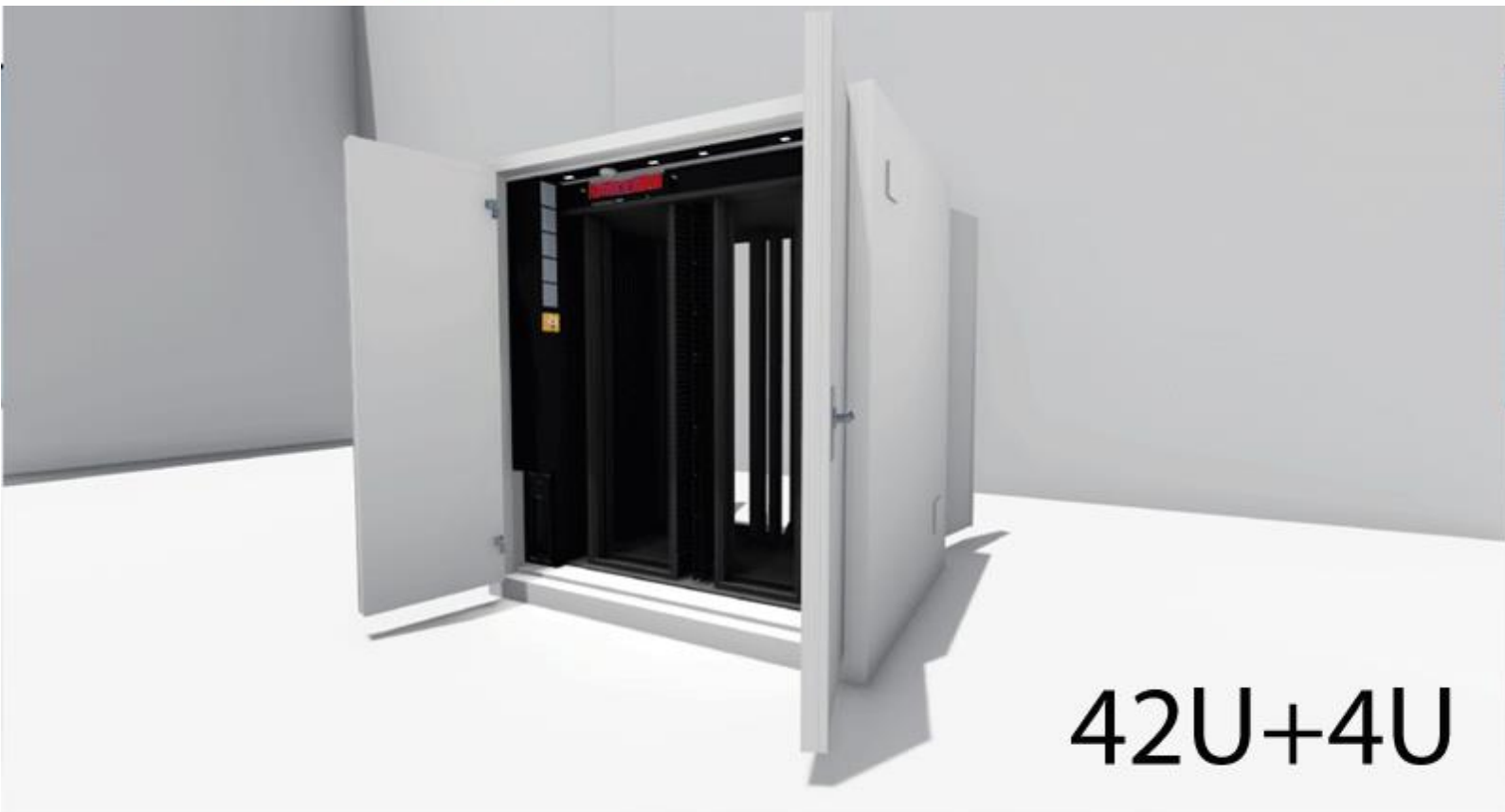
### MODSECUR SECURITY - S

Electric lock wk1 (RC1)	<span style="border: 1px solid blue; padding: 2px;">1</span>
Electric lock wk2 (RC2)	2
Electric lock wk3 (RC3)	3
Electric lock wk4 (RC4)	4
Access Control Smart Card Pin	<span style="border: 1px solid blue; padding: 2px;">CASCP</span>
Access Control Fingerprint	CAFP

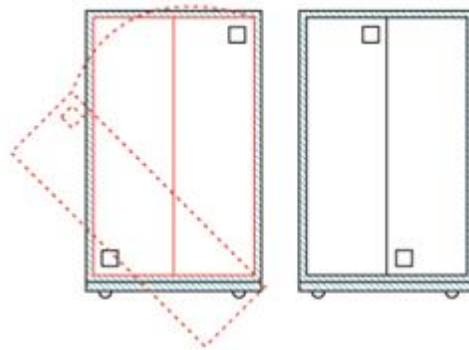
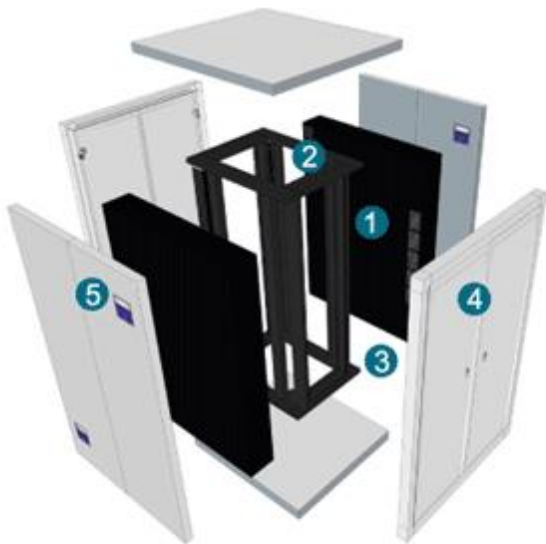
### FINISHING - F

Black Epoxy Paint RAL 9005	9005
White Epoxy Paint RAL 9003	<span style="border: 1px solid black; padding: 2px;">9003</span>

Other colors on request.



# 42U+4U



It is possible to rotate the panels 180° to change the location of the cable entries. Optionally, both sides can be equipped with cable entries. The cable and piping entries will be made with fire and water sealing systems.

**3 standard colors**  
(others on request)

**Subtitle:**

- 1 - Cooling Unit (HVAC)
- 2 - Rack 42U W x D: 600 / 800mm x 1200mm
- 3 - UPS (4U vertical free space)
- 4 - Front and rear panels with double leaf door certified WK1 to WK4
- 5 - Side panels with cable and piping entries 135x135mm, equipped with sealing modules. The panels have the possibility to rotate 180° and change the position of the inputs.



RAL 9003

RAL 3000

RAL 9005