

DCMAX

Intro DCMAX cabinets with aesthetic design for hot/cold corridor data center architecture.



GENERAL CHARACTERISTICS

- IP20 protection level for cooling performance
- 80% perforated front/rear doors for best air circulation
- Heavy duty structure, 1500kg load carrying capacity
- Wide range of cabinet sizes and accessories
- Dimensions: 42/45/47U 600 or 800x1000/1100/1200 mm
- Ready for cold / hot corridor
- Optional seismic compliance containment
- Ample variety of accessories
- Maximum inner space for servers
- Professional cable management on top, bottom and inner of the cabinet
- Compatibility with all vendors' servers
- High technical performance; grounding continuity



Energy efficiency in a professional solution.

Reliable, flexible, scalable
and high performance are
in the same cabinet.

- Aesthetic and professional view
- Overhead cable trays separate electrical and data cables
- 2 and 3 section Co-Location cabinets
- By using cable rings, airflow is improved, installation time and cost is reduced. It creates space savings and flexibility inside the cabinet
- Seismic compatibility module is optional (Please

select the appropriate seismic module from the table on page 8)

- With special design of side frames, you can move the 19" mounting rails while equipments loaded
- Simply the raceway for cables are created by fixing cable rings on all profiles in front and rear part of the cabinets
- Easy movable 19" profiles, to front/rear

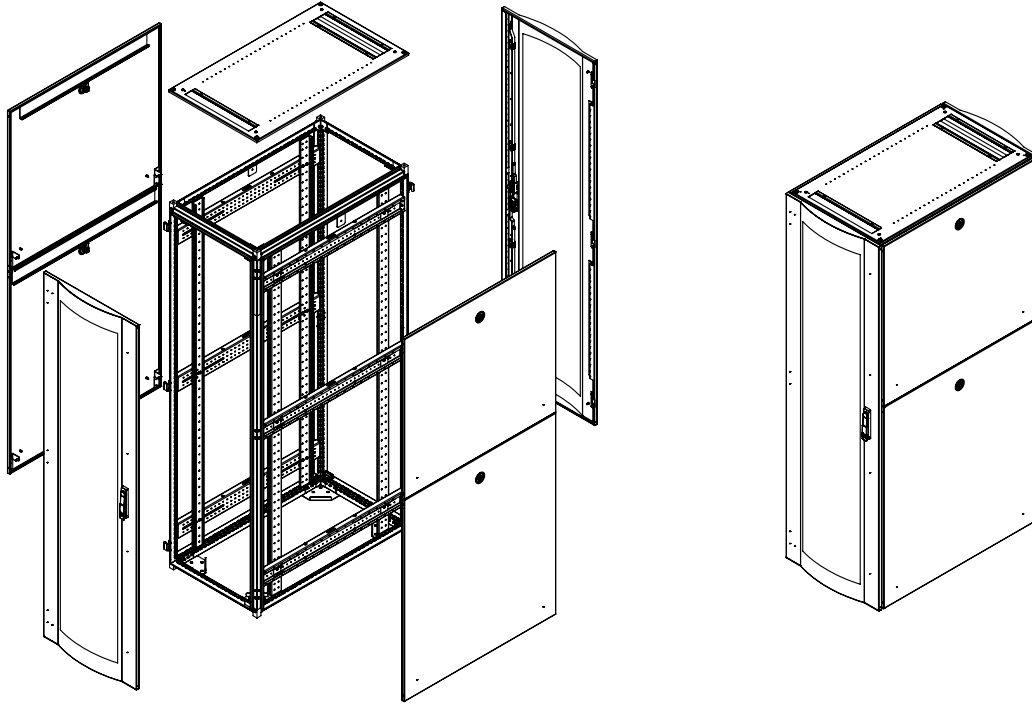


DCMAX

DIMENSIONS

W: 600 MM CABINETS, SINGLE FRONT DOOR - SINGLE REAR DOOR

Single opening curved 80% perforated front door; Single opening 80% perforated rear door.



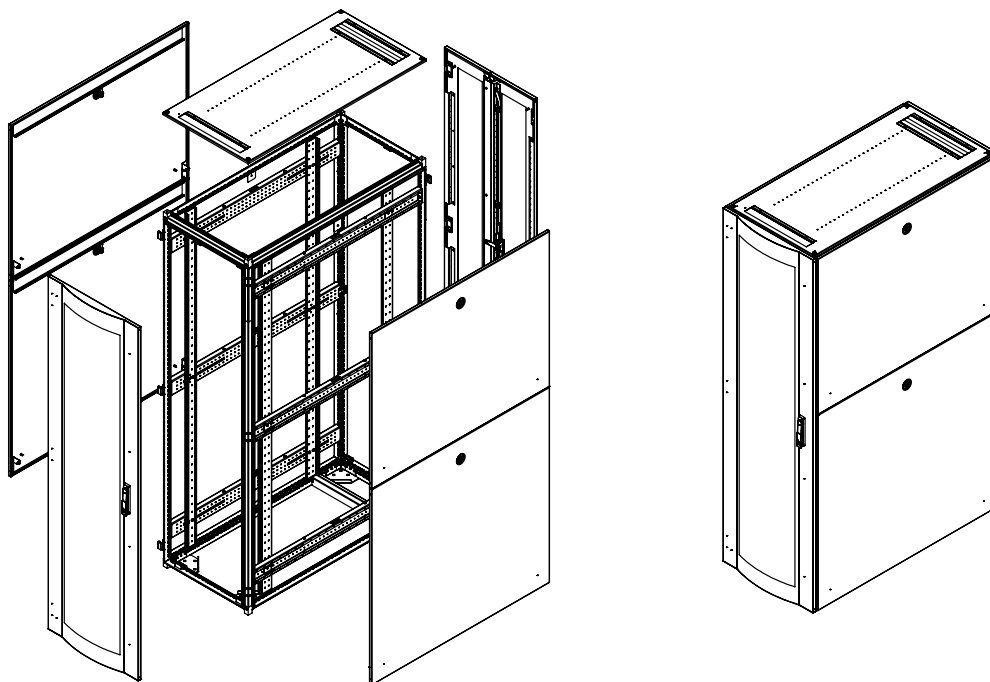
PRODUCT REFERENCE	DESCRIPTION	DIMENSIONS W x H x D (mm)
DC42U6010_M50_SVF80SVR80	19" 42U, 600x1000mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	600x1990x1000
DC42U6011_M50_SVF80SVR80	19" 42U, 600x1100mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	600x1990x1100
DC42U6012_M50_SVF80SVR80	19" 42U, 600x1200mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	600x1990x1200
DC45U6010_M50_SVF80SVR80	19" 45U, 600x1000mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	600x2140x1000
DC45U6011_M50_SVF80SVR80	19" 45U, 600x1100mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	600x2140x1100
DC45U6012_M50_SVF80SVR80	19" 45U, 600x1200mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	600x2140x1200
DC47U6010_M50_SVF80SVR80	19" 47U, 600x1000mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	600x2240x1000
DC47U6011_M50_SVF80SVR80	19" 47U, 600x1100mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	600x2240x1100
DC47U6012_M50_SVF80SVR80	19" 47U, 600x1200mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	600x2240x1200

Note 1: Color code "M50" is RAL 9005 black, "M2" RAL 7035 light grey option is available.
Note 2: For seismic option, please go to the page 8 after selecting references from above table.

DIMENSIONS

W: 600 MM CABINETS, SINGLE FRONT DOOR - DOUBLE REAR DOOR

Single opening curved 80% perforated front door; Double opening 80% perforated rear door.



PRODUCT REFERENCE	DESCRIPTION	DIMENSIONS W x H x D (mm)
DC42U6010_M50_SVF80DVR80	19" 42U, 600x1000mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	600x1990x1000
DC42U6011_M50_SVF80DVR80	19" 42U, 600x1100mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	600x1990x1100
DC42U6012_M50_SVF80DVR80	19" 42U, 600x1200mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	600x1990x1200
DC45U6010_M50_SVF80DVR80	19" 45U, 600x1000mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	600x2140x1000
DC45U6011_M50_SVF80DVR80	19" 45U, 600x1100mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors.	600x2140x1100
DC45U6012_M50_SVF80DVR80	19" 45U, 600x1200mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	600x2140x1200
DC47U6010_M50_SVF80DVR80	19" 47U, 600x1000mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	600x2240x1000
DC47U6011_M50_SVF80DVR80	19" 47U, 600x1100mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	600x2240x1100
DC47U6012_M50_SVF80DVR80	19" 47U, 600x1200mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors.	600x2240x1200

Note 1: Color code "M50" is RAL 9005 black, "M2" RAL 7035 light grey option is available.

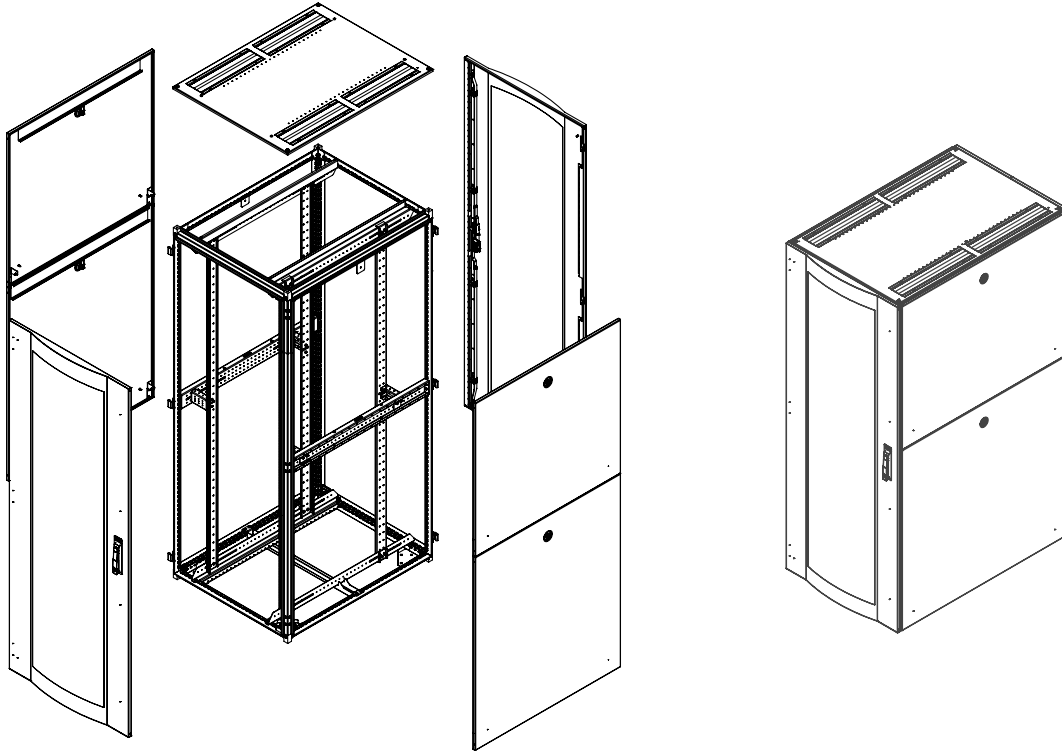
Note 2: For seismic option, please go to the page 8 after selecting references from above table.

DCMAX

DIMENSIONS

W: 800 MM CABINETS, SINGLE FRONT DOOR - SINGLE REAR DOOR

Single opening curved 80% perforated front door; Single opening 80% perforated rear door.



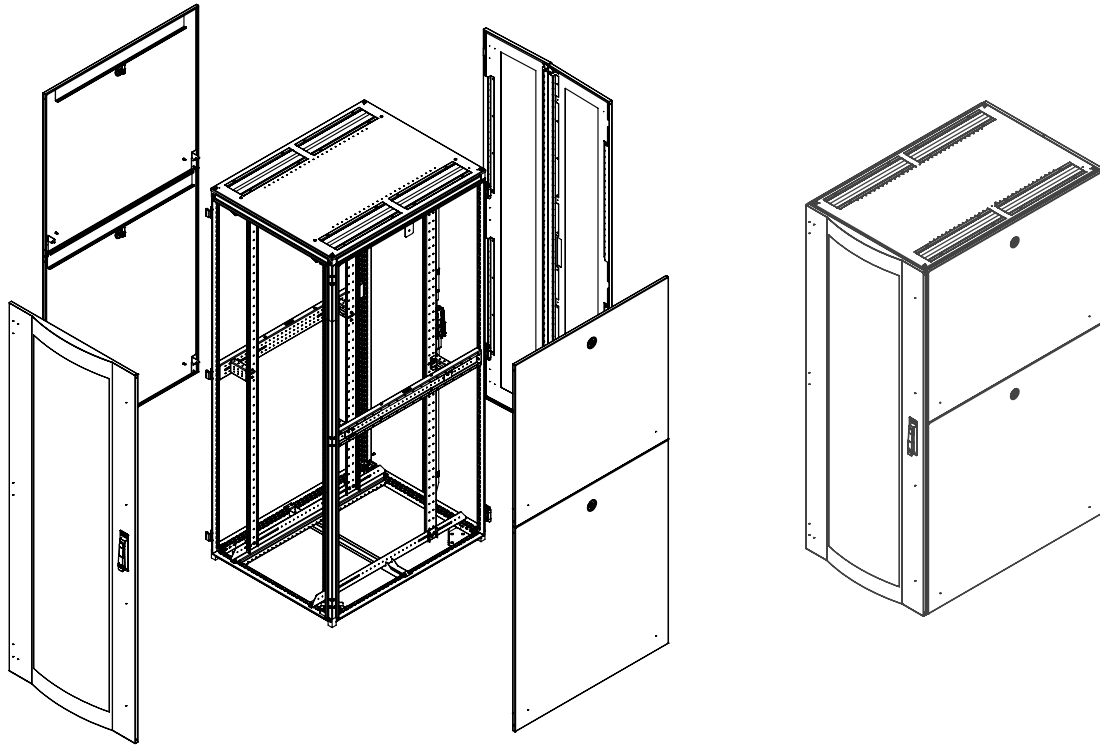
PRODUCT REFERENCE	DESCRIPTION	DIMENSIONS W x H x D (mm)
DC42U8010_M50_SVF80SVR80	19" 42U, 800x1000mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	800x1990x1000
DC42U8011_M50_SVF80SVR80	19" 42U, 800x1100mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	800x1990x1100
DC42U8012_M50_SVF80SVR80	19" 42U, 800x1200mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	800x1990x1200
DC45U8010_M50_SVF80SVR80	19" 45U, 800x1000mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	800x2140x1000
DC45U8011_M50_SVF80SVR80	19" 45U, 800x1100mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	800x2140x1100
DC45U8012_M50_SVF80SVR80	19" 45U, 800x1200mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	800x2140x1200
DC47U8010_M50_SVF80SVR80	19" 47U, 800x1000mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	800x2240x1000
DC47U8011_M50_SVF80SVR80	19" 47U, 800x1100mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	800x2240x1100
DC47U8012_M50_SVF80SVR80	19" 47U, 800x1200mm DCMAX, 80% Perforated, Single Opening Front and Rear Doors.	800x2240x1200

Note 1: Color code "M50" is RAL 9005 black, "M2" RAL 7035 light grey option is available.
Note 2: For seismic option, please go to the page 8 after selecting references from above table.

DIMENSIONS

W: 800 MM CABINETS, SINGLE FRONT DOOR - DOUBLE REAR DOOR

Single opening curved 80% perforated front door; Double opening 80% perforated rear door.



PRODUCT REFERENCE	DESCRIPTION	DIMENSIONS W x H x D (mm)
DC42U8010_M50_SVF80DVR80	19" 42U, 800x1000mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	800x1990x1000
DC42U8011_M50_SVF80DVR80	19" 42U, 800x1100mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	800x1990x1100
DC42U8012_M50_SVF80DVR80	19" 42U, 800x1200mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	800x1990x1200
DC45U8010_M50_SVF80DVR80	19" 45U, 800x1000mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	800x2140x1000
DC45U8011_M50_SVF80DVR80	19" 45U, 800x1100mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	800x2140x1100
DC45U8012_M50_SVF80DVR80	19" 45U, 800x1200mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	800x2140x1200
DC47U8010_M50_SVF80DVR80	19" 47U, 800x1000mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	800x2240x1000
DC47U8011_M50_SVF80DVR80	19" 47U, 800x1100mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	800x2240x1100
DC47U8012_M50_SVF80DVR80	19" 47U, 800x1200mm DCMAX, 80% Perforated, Single Opening Front and Double Opening Rear Doors	800x2240x1200

Note 1: Color code "M50" is RAL 9005 black, "M2" RAL 7035 light grey option is available.

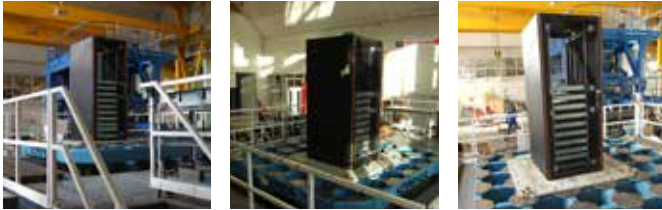
Note 2: For seismic option, please go to the page 8 after selecting references from above table.

DCMAX

SEISMIC OPTION

SEISMIC TEST REPORT

Bellcore Seismic Test shows us, the cabinet is how durable against vibration and movement.



BELLCORE GR-63-CORE zone 4 (NEBS requirements) TEST HAS BEEN PASSED WITH 1000kg!

Resonance Frequency Test

Date	Axis	Program	Duration	Graph No	Comments
21/01/10	Z	A	6 min.	1 to 14	Nothing to report
21/01/10	X	A	6 min.	15 to 28	Nothing to report
21/01/10	Y	A	6 min.	29 to 42	Nothing to report

Earthquake Resistance Test

Date	Axis	Program	Duration	Graph No	Comments
22/01/10	Z	B	30 s	A 43 to 68	Nothing to report. No damage was observed on each tested part.
22/01/10	X	B	30 s	B 69 to 94	Nothing to report. No damage was observed on each tested part.
22/01/10	Y	B	30 s	C 95 to 120	Remark: during test, opening of the front mesh door and the rear mesh door. See video. Deformation of the front mesh door of the cabinet. Deformation of the rear mesh door closing linkage. It is noted deformations inside the cabinet on recoveries of the 4 pillars. ESTAP informed SOPEMEA that door are not a relevant tested part (only for integration of cabinet for test process) Cracks on 2nd and 3rd rack. Deformation of vertical pillar on the 1st and 2nd rack. It's not broken, no cracks are detected. No deformation on the outer structure of the cabinet (out of mesh doors).

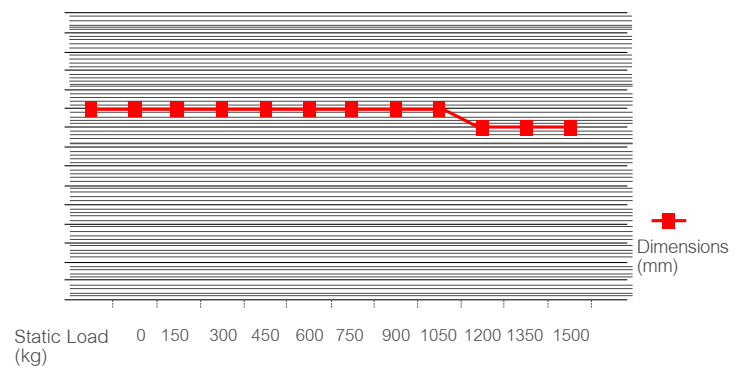
LOAD CARRYING CAPACITY TEST

1500kg Static Load to fix your equipments without any hesitation.



Diagonal Dimensions of ESTAP DCMAX Data Center Cabinet at Each Static Load

Dimensions (mm)



Thanks to the special structure and design, Estap DCMAX cabinets can carry 1500kg static load.

SEISMIC MODULE SELECTION TABLE (OPTIONAL ACCESSORY)

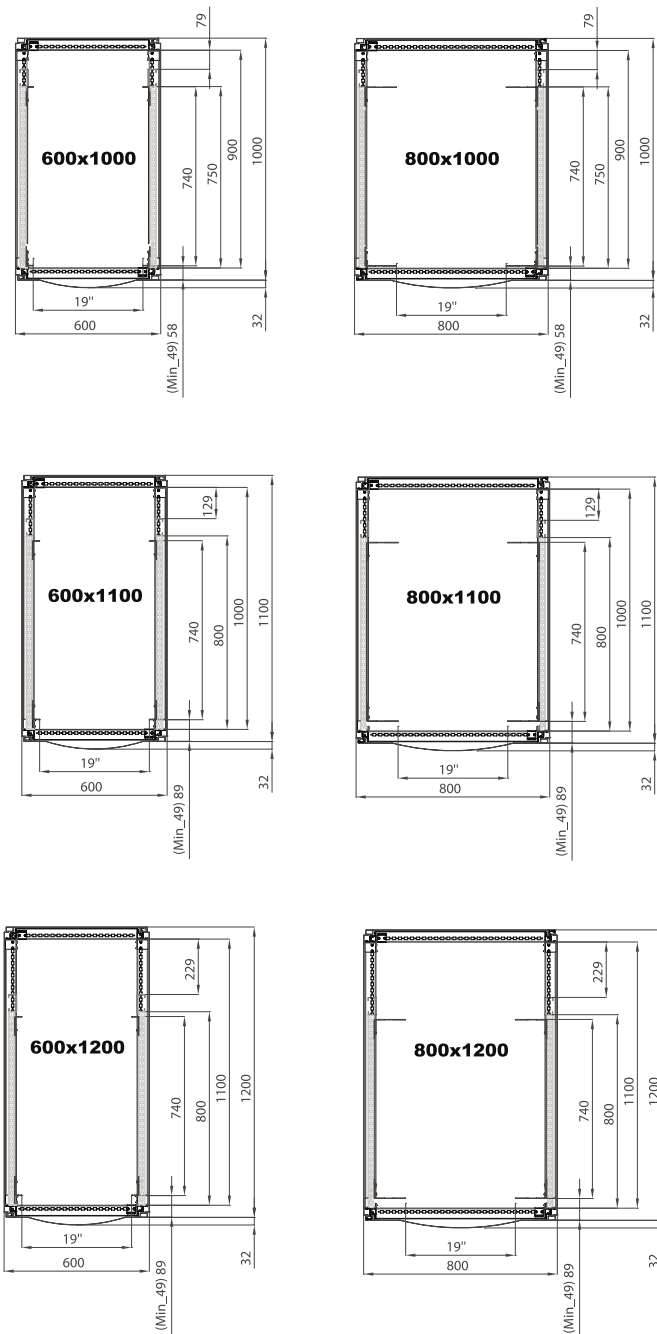
REFERENCE	DESCRIPTION
DC204SIS4210_01GLV	DCMAX seismic module for 42U 1000 mm. depth
DC204SIS4211_01GLV	DCMAX seismic module for 42U 1100 mm. depth
DC204SIS4212_01GLV	DCMAX seismic module for 42U 1200 mm. depth
DC204SIS4510_01GLV	DCMAX seismic module for 45U 1000 mm. depth
DC204SIS4511_01GLV	DCMAX seismic module for 45U 1100 mm. depth
DC204SIS4512_01GLV	DCMAX seismic module for 45U 1200 mm. depth
DC204SIS4710_01GLV	DCMAX seismic module for 47U 1000 mm. depth
DC204SIS4711_01GLV	DCMAX seismic module for 47U 1100 mm. depth
DC204SIS4712_01GLV	DCMAX seismic module for 47U 1200 mm. depth

Note; For the seismic option, please first select the cabinet references on pages 5-6-7-8, then select the appropriate reference from the seismic module selection table.

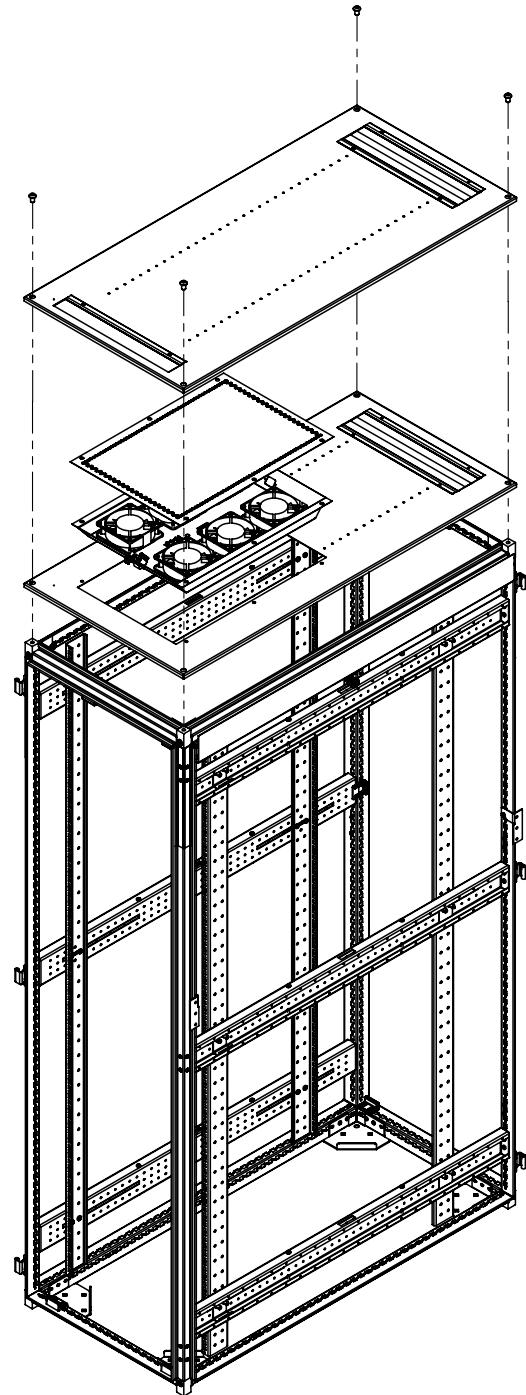
TECHNICAL DRAWINGS (mm)

TOP VIEWS

Bellcore Seismic Test shows us, the cabinet is how durable against vibration and movement.



ROOF OPTIONS



19" FREE-STANDING RACK CABINETS

BRUSHED TYPE CABLE ENTRY

Maximum cable capacity with multiple cable entries. The dimensions of the cable entries are different according to the depth of the cabinet.

For 1000 mm depth: 90 mm x 300 mm (x4)

For 1100 mm depth: 90 mm x 350 mm (x4)

For 1200 mm depth: 90 mm x 400 mm (x4)

At the rear; 95 mm x 400 mm

RAISED FLOOR SUPPORT KIT

Fixing the cabinet to floor (under raised floor) for better stability, adjustable depth= 400-700 mm. suitable for w=600 mm and 800 mm.

FAN MODULE

4 or 6 pcs. of fan on a module, with ON/OFF, analog or digital thermostat functions. Complete inner wiring. 1U.

CASTER AND LEVELLING FEET

Rotational type casters, 2 pieces front have lockable function
Levelling feet: Height adjustment from the floor 250 kg. load carrying capacity of each wheel and each levelling feet.

LED LIGHT

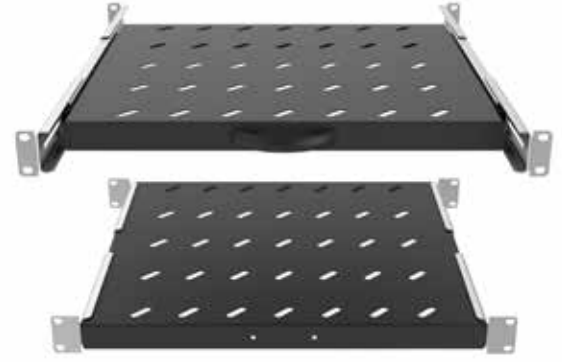
Effective and powerful lighting.

Different dimensions 19", 1U, with ON/OFF switch, automatic door with ON/OFF switch or LED with sensor.

GROUNDING CONTINUITY

Grounding cables for all metal components. Cable connections with bolts and nuts for all doors.

DCMAX Accessories



CABLE TRAY

Options from 42U to 47U, w=100 mm and 200 mm. The galvanized coating must be perforated to provide length and cable installation along the height of the cabinet. Unified cable tray for every cabinet range.

FIXED AND SLIDING SHELF

Fixing points at the sides of rear and front 19" uprights. Vented for air circulation, adjustable depth, sheet steel material.

BRUSHED TYPE CABLE ENTRY

There are 4 pieces according to the depth of the cabinet.

For 1000 mm depth: 90 mm x 400 mm (x4)

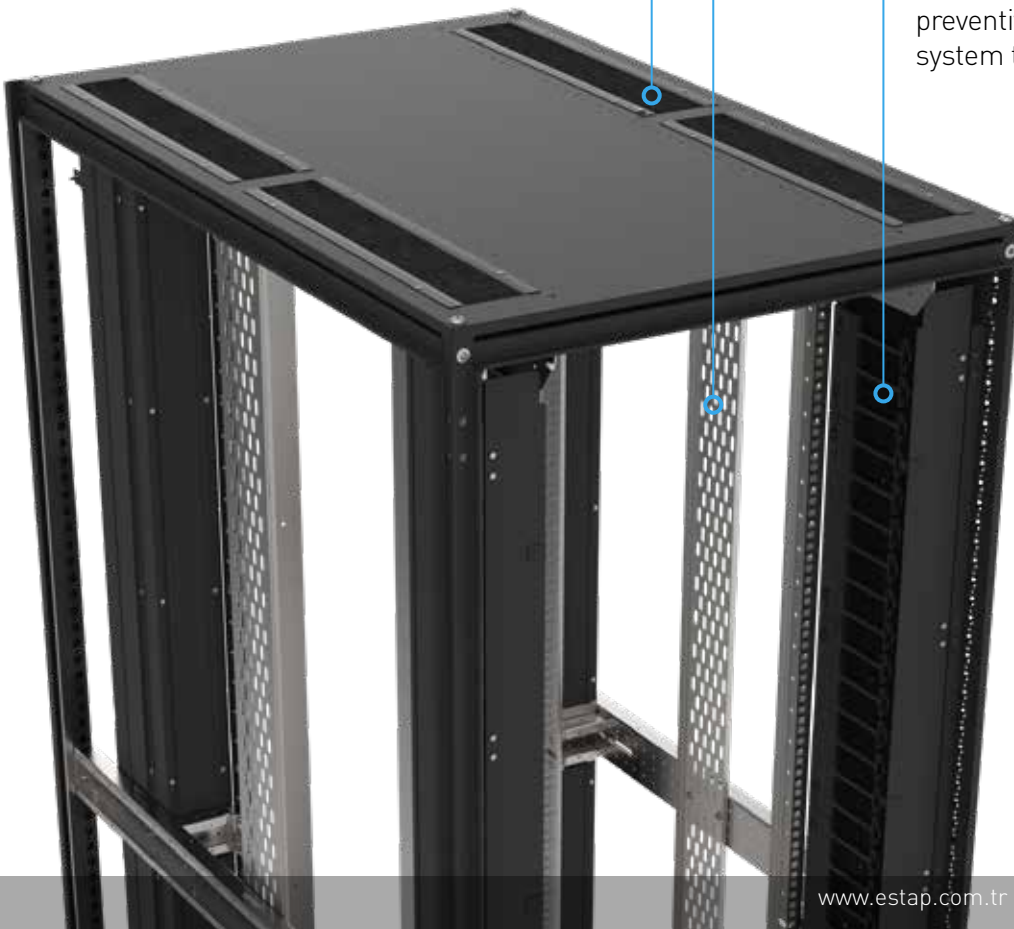
For 1100 mm depth: 90 mm x 450 mm (x4)

For 1200 mm depth: 90 mm x 500 mm (x4)

AIR FLOW PREVENTATIVE ORGANIZER

Options from 42U to 47U.

Professional cabling with finger type structure makes the user's work easier. Prevents the mixing of hot and cold air with its air flow preventive panels and ensures the system to work more healthy.



The image is for the width of 800 mm cabinet

DCMAX IP 55 Cabinets



Structure: Produced from DKP sheet metal

Main body support closed form profile structure: 1,5 mm

Front and rear door: 2 mm

Top cover: 1,5 mm

Bottom panel: 2 mm

Side panels: 1,5 mm

Cable entry panel: 1,2 mm

Depth and modular mounting profile: 1,5 mm

19" device mounting uprights: 1,5 mm

Tempered glass: 4 mm

Surface finish: Cabinet profiles, doors, covers and panels are electrostatic powder coating.

Color: RAL 7035 light grey or RAL 9005 black

Mounting profile, cable entry, 19" device mounting profiles, C-profiles are made of galvanized material.

IP Protection:

IP55 according to EN 60529

IP55 protection with cast gasket.

Shipment configuration:

Main body structure, steel (1 pcs.)

Front door (1 pcs.) tempered glass, cast gasket inside metal frame

Rear door, cast gasket (1 pcs.)

Side panels, cast gasket (2 pcs.)

Top cover panel, cast gasket (1 pcs.)

Cable entry panels (3 pcs.= 1 set)

Door hinges (6 set)

The complementary lock can be from 3 point locking mechanism for the front and rear doors (2 set)

Grounding cables (for all the panels)

Fixings (1 set)

Plinth (1 set)

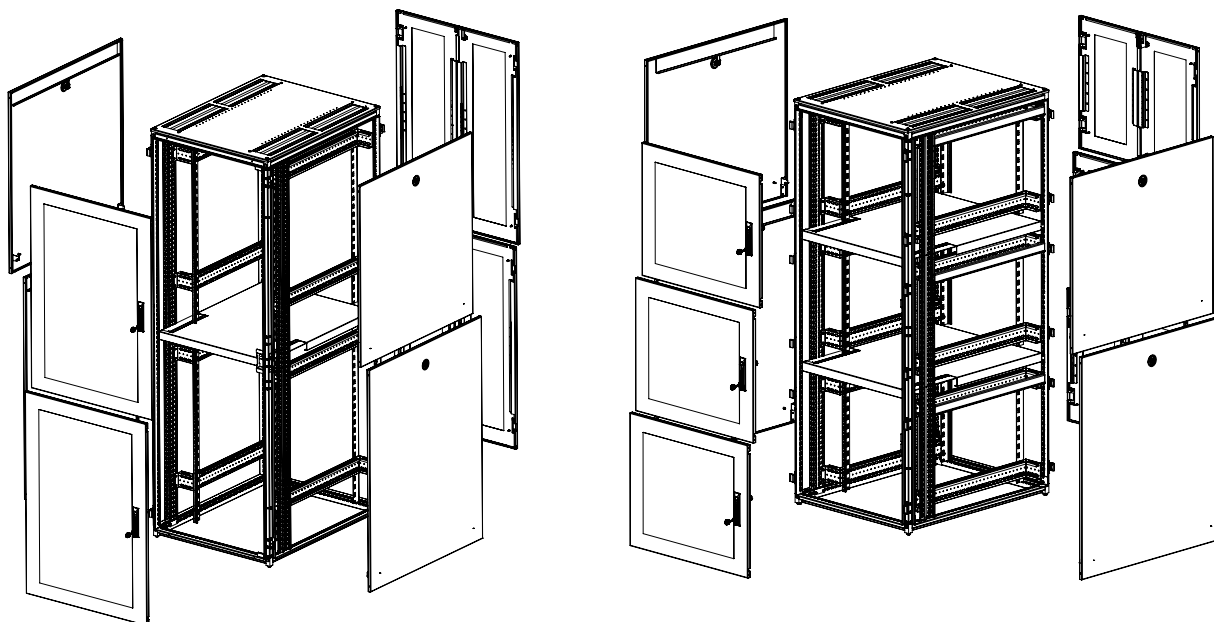
19" device mounting profiles (4 pcs.)

PRODUCT REFERENCE	DESCRIPTION	DIMENSIONS W x H x D (mm)
DC24U6060_M50_IP55	24U, 600x600mm, IP55, full glass frame front door, single front and rear doors	600x1200x600
DC32U6060_M50_IP55	32U, 600x600mm, IP55, full glass frame front door, single front and rear doors	600x1600x600
DC36U6060_M50_IP55	36U, 600x600mm, IP55, full glass frame front door, single front and rear doors	600x1800x600
DC42U6060_M50_IP55	42U, 600x600mm, IP55, full glass frame front door, single front and rear doors	600x2000x600
DC47U6060_M50_IP55	47U, 600x600mm, IP55, full glass frame front door, single front and rear doors	600x2200x600
DC24U6080_M50_IP55	24U, 600x800mm, IP55, full glass frame front door, single front and rear doors	600x1200x800
DC32U6080_M50_IP55	32U, 600x800mm, IP55, full glass frame front door, single front and rear doors	600x1600x800
DC36U6080_M50_IP55	36U, 600x800mm, IP55, full glass frame front door, single front and rear doors	600x1800x800
DC42U6080_M50_IP55	42U, 600x800mm, IP55, full glass frame front door, single front and rear doors	600x2000x800
DC47U6080_M50_IP55	47U, 600x800mm, IP55, full glass frame front door, single front and rear doors	600x2200x800
DC24U6010_M50_IP55	24U, 600x1000mm, IP55, full glass frame front door, single front and rear doors	600x1200x1000
DC32U6010_M50_IP55	32U, 600x1000mm, IP55, full glass frame front door, single front and rear doors	600x1600x1000
DC36U6010_M50_IP55	36U, 600x1000mm, IP55, full glass frame front door, single front and rear doors	600x1800x1000
DC42U6010_M50_IP55	42U, 600x1000mm, IP55, full glass frame front door, single front and rear doors	600x2000x1000
DC47U6010_M50_IP55	47U, 600x1000mm, IP55, full glass frame front door, single front and rear doors	600x2200x1000
DC24U8080_M50_IP55	24U, 800x800mm, IP55, full glass frame front door, single front and rear doors	800x1200x800
DC32U8080_M50_IP55	32U, 800x800mm, IP55, full glass frame front door, single front and rear doors	800x1600x800
DC36U8080_M50_IP55	36U, 800x800mm, IP55, full glass frame front door, single front and rear doors	800x1800x800
DC42U8080_M50_IP55	42U, 800x800mm, IP55, full glass frame front door, single front and rear doors	800x2000x800
DC47U8080_M50_IP55	47U, 800x800mm, IP55, full glass frame front door, single front and rear doors	800x2200x800
DC24U8010_M50_IP55	24U, 800x1000mm, IP55, full glass frame front door, single front and rear doors	800x1200x1000
DC32U8010_M50_IP55	32U, 800x1000mm, IP55, full glass frame front door, single front and rear doors	800x1600x1000
DC36U8010_M50_IP55	36U, 800x1000mm, IP55, full glass frame front door, single front and rear doors	800x1800x1000
DC42U8010_M50_IP55	42U, 800x1000mm, IP55, full glass frame front door, single front and rear doors	800x2000x1000
DC47U8010_M50_IP55	47U, 800x1000mm, IP55, full glass frame front door, single front and rear doors	800x2200x1000

Note: Color code "M50" is RAL 9005 black, "M2" RAL 7035 light grey option is available.

DCMAX Co-Location Cabinets

Sometimes your equipments not fill much more than 10U or 20U. In this case you need Co-Location cabinets.



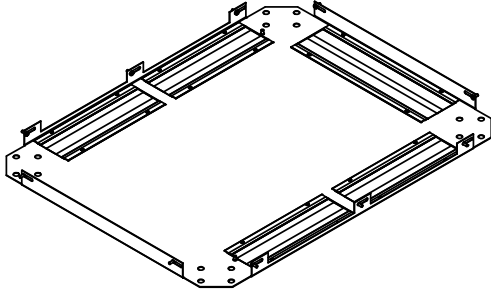
PRODUCT REFERENCE	DESCRIPTION	DIMENSIONS W x H x D (mm)
DC42U8010_M50_SVF80DVR80C2	42U 800X1000 mm, IP20, 80% perforated, single opening front and double opening rear doors, mechanical lock, black, co-location, 2 compartment	800x2000x1000
DC42U8011_M50_SVF80DVR80C2	42U 800X1100 mm, IP20, 80% perforated, single opening front and double opening rear doors, mechanical lock, black, co-location, 2 compartment	800x2000x1100
DC42U8012_M50_SVF80DVR80C2	42U 800X1200 mm, IP20, 80% perforated, single opening front and double opening rear doors, mechanical lock, black, co-location, 2 compartment	800x2000x1200
DC42U8010_M50_SVF80DVR80C3	42U 800X1000 mm, IP20, 80% perforated, single opening front and double opening rear doors, mechanical lock, black, co-location, 3 compartment	800x2000x1000
DC42U8011_M50_SVF80DVR80C3	42U 800X1100 mm, IP20, 80% perforated, single opening front and double opening rear doors, mechanical lock, black, co-location, 3 compartment	800x2000x1100
DC42U8012_M50_SVF80DVR80C3	42U 800X1200 mm, IP20, 80% perforated, single opening front and double opening rear doors, mechanical lock, black, co-location, 3 compartment	800x2000x1200
DC47U8010_M50_SVF80DVR80C2	47U 800X1000 mm, IP20, 80% perforated, single opening front and double opening rear doors, mechanical lock, black, co-location, 2 compartment	800x2200x1000
DC47U8011_M50_SVF80DVR80C2	47U 800X1100 mm, IP20, 80% perforated, single opening front and double opening rear doors, mechanical lock, black, co-location, 2 compartment	800x2200x1100
DC47U8012_M50_SVF80DVR80C2	47U 800X1200 mm, IP20, 80% perforated, single opening front and double opening rear doors, mechanical lock, black, co-location, 2 compartment	800x2200x1200
DC47U8010_M50_SVF80DVR80C3	47U 800X1000 mm, IP20, 80% perforated, single opening front and double opening rear doors, mechanical lock, black, co-location, 3 compartment	800x2200x1000
DC47U8011_M50_SVF80DVR80C3	47U 800X1100 mm, IP20, 80% perforated, single opening front and double opening rear doors, mechanical lock, black, co-location, 3 compartment	800x2200x1100
DC47U8012_M50_SVF80DVR80C3	47U 800X1200 mm, IP20, 80% perforated, single opening front and double opening rear doors, mechanical lock, black, co-location, 3 compartment	800x2200x1200

Note 1: W= 600 mm option is available

Note 2: Color code «M50» is RAL 9005 black, «M2» RAL 7035 light grey option is available..

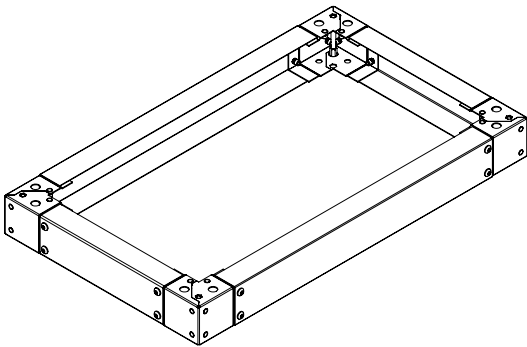
DCMAX Accessories

BOTTOM PANEL



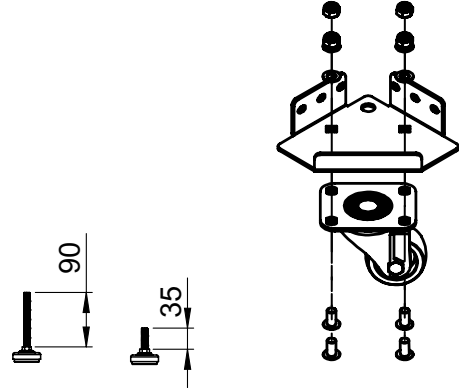
PRODUCT REFERENCE	DESCRIPTION	DIMENSIONS WxD (mm)
DCBP6010_M50	Bottom Panel, multiple cable entry plates, w=600 mm d=1000 mm	600x1000
DCBP6011_M50	Bottom Panel, multiple cable entry plates, w=600 mm d=1100 mm	600x1100
DCBP6012_M50	Bottom Panel, multiple cable entry plates, w=600 mm d=1200 mm	600x1200
DCBP8010_M50	Bottom Panel, multiple cable entry plates, w=800 mm d=1000 mm	800x1000
DCBP8011_M50	Bottom Panel, multiple cable entry plates, w=800 mm d=1100 mm	800x1100
DCBP8012_M50	Bottom Panel, multiple cable entry plates, w=800 mm d=1200 mm	800x1200

PLINTH



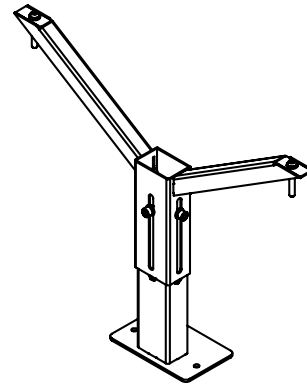
PRODUCT REFERENCE	DESCRIPTION	DIMENSIONS WxD (mm)
DCPLT6010_01M50	Plinth for DCMAX, w= 600 mm d= 1000 mm	600x1000
DCPLT6011_01M50	Plinth for DCMAX, w= 600 mm d= 1100 mm	600x1100
DCPLT6012_01M50	Plinth for DCMAX, w= 600 mm d= 1200 mm	600x1200
DCPLT8010_01M50	Plinth for DCMAX, w= 800 mm d= 1000 mm	800x1000
DCPLT8011_01M50	Plinth for DCMAX, w= 800 mm d= 1100 mm	800x1100
DCPLT8012_01M50	Plinth for DCMAX, w= 800 mm d= 1200 mm	800x1200

CASTERS AND LEVELLING FEET



PRODUCT REFERENCE	DESCRIPTION
CST	Castors, 2 pcs. front are lockable
TKRPNYM10X70	M10x70 Levelling feet

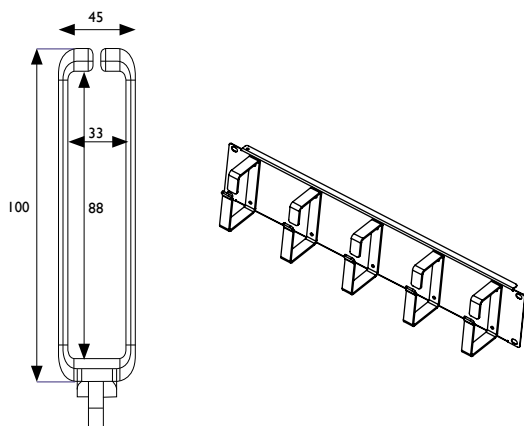
RAISED FLOOR SUPPORT KIT



PRODUCT REFERENCE	DESCRIPTION
DCRFSK60_01M50	Raised floor support kit, for the cabinet w=600 mm, adjustable depth= 400-700 mm, 1 set 2 pcs
DCRFSK80_01M50	Raised floor support kit, for the cabinet w=800 mm, adjustable depth= 400-700 mm, 1 set 2 pcs

Note: Color code "M50" is RAL 9005 black, "M2" RAL 7035 light grey option is available.

CABLE MANAGEMENT RINGS



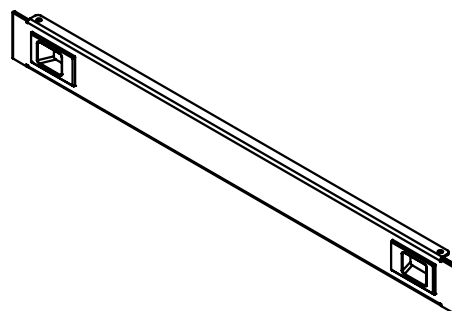
PRODUCT REFERENCE	DESCRIPTION	DIMENSIONS WxH (mm)
K44RING05_01M50	Ring for cable management 45x100mm (1 set = 5 ea.)	45x100
K44RING06_01M50	Ring for cable management 60x100mm (1 set = 5 ea.)	60x100

VERTICAL CABLE MANAGER



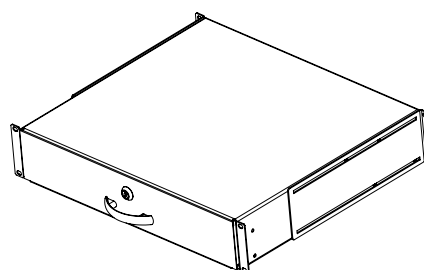
PRODUCT REFERENCE	DESCRIPTION	DIMENSIONS WxHxD (mm)
M78 ORG42	42U Vertical Cable Manager, finger type with metal cover.	92x1885x179
M78 ORG47	47U Vertical Cable Manager, finger type with metal cover.	92x2110x179
DCAFPOR42_M50	Organizer, preventing the air flow, finger type, 42U, w= 800 mm, 2 pcs	108x1885x177
DCAFPOR45_M50	Organizer, preventing the air flow, finger type, 45U, w= 800 mm, 2 pcs	108x1998x177
DCAFPOR47_M50	Organizer, preventing the air flow, finger type, 47U, w= 800 mm, 2 pcs	108x2073x177

BLANK PANELS



PRODUCT REFERENCE	DESCRIPTION	DIMENSIONS WxHxD (mm)
E44BPN01_0150M	1U 19" Blank panel	483x44x12
E44BPN02_0150M	2U 19" Blank panel	483x88x12
E44BPN03_0150M	3U 19" Blank panel	483x133x12
E44BPN04_0150M	4U 19" Blank panel	483x177x12
E44BPN05_0150M	5U 19" Blank panel	483x222x12
E44BPN06_0150M	6U 19" Blank panel	483x266x12
P44BPN06_01M50	6U 19" Modular plastic blank panel (ABS)	483x266x12

19" KEYBOARD DRAWER

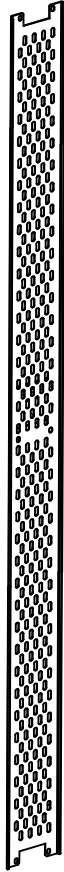


PRODUCT REFERENCE	DESCRIPTION	DIMENSIONS WxHxD (mm)
M44CEK2U_01M50	2U 19" drawer, lockable suitable up to depth=800mm. Cabinets, for D=1000 mm cabinet usage extra brackets available in package, sheet steel material and load carrying capacity is 25 kg.	483x88x400
M44CEK3U_01M50	3U 19" drawer, lockable suitable up to depth=800mm. Cabinets, for D=1000 mm cabinet usage extra brackets available in package, sheet steel material and load carrying capacity is 25 kg.	483x133x400

Note: Color code "M50" is RAL 9005 black, "M2" RAL 7035 light grey option is available.

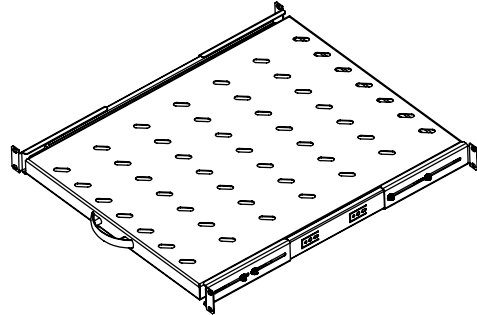
DCMAX Accessories

CABLE TRAYS



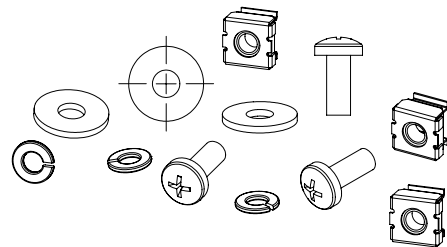
PRODUCT REFERENCE	DESCRIPTION
DCCT4210	Cable Tray, 42U, w= 100 mm
DCCT4510	Cable Tray, 45U, w= 100 mm
DCCT4710	Cable Tray, 47U, w= 100 mm
DCCT4220	Cable Tray, 42U, w= 200 mm
DCCT4520	Cable Tray, 45U, w= 200 mm
DCCT4720	Cable Tray, 47U, w= 200 mm

FIXED AND SLIDING SHELVES



PRODUCT REFERENCE	DESCRIPTION
SHLFIX60M50	D= 600 mm fixed shelf module with slots, load capacity 50 kg., Ral9005, depth of the shelf D= 372 mm, 4-points fixed. Only suitable for 600 mm depth cabinets.
SHLFIX80M50	D= 800 mm fixed shelf module with slots, load capacity 50 kg., Ral9005, depth of the shelf D= 530 mm, 4-points fixed. Only suitable for 800 mm depth cabinets.
SHLFIX100M50	D= 1000 mm fixed shelf module with slots, load capacity 50 kg., Ral9005, depth of the shelf D= 696 mm, 4-points fixed. Only suitable for 1000 mm depth cabinets.
SHLSLD60M50	D= 600 mm sliding shelf module with slots, load capacity 30 kg., Ral9005, depth of the shelf D= 372 mm, 4-points fixed. Only suitable for 600 mm depth cabinets.
SHLSLD80M50	D= 800 mm sliding shelf module with slots, load capacity 30 kg., Ral9005, depth of the shelf D= 530 mm, 4-points fixed. Only suitable for 800 mm depth cabinets.
SHLSLD100M50	D= 1000 mm sliding shelf module with slots, load capacity 30 kg., Ral9005, depth of the shelf D= 696 mm, 4-points fixed. Only suitable for 1000 mm depth cabinets.

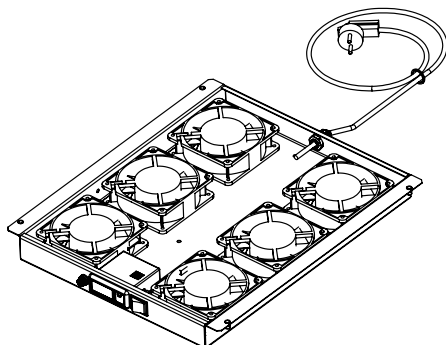
FIXINGS



PRODUCT REFERENCE	DESCRIPTION
KFS6X15_20	M6 caged nut, screw, washer (1set=20ea)
KFS6X15_50	M6 caged nut, screw, washer (1set=50ea)

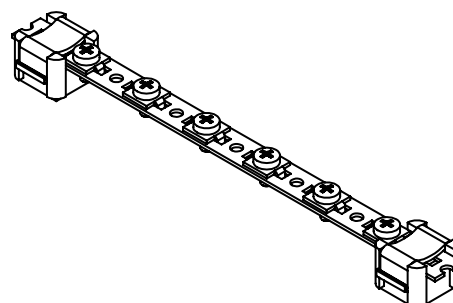
Note: Color code "M50" is RAL 9005 black, "M2" RAL 7035 light grey option is available

FAN MODULES



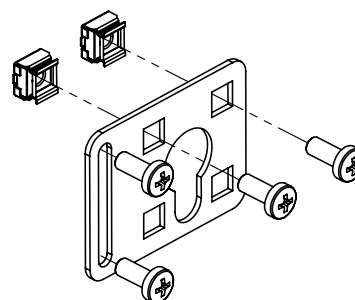
PRODUCT REFERENCE	DESCRIPTION
FAN4DT4F01_M50	Fan module, 4 fan + digital thermostat, 2P+E plug, schuko std., 4 pre-cut hole
FAN4DT4F02_M50	Fan module, 4 fan + digital thermostat, 2P+E plug, UK std., 4 pre-cut hole
FAN4O04F01_M50	Fan module, 4 fan + On/Off, 2P+E plug, schuko std., 4 pre-cut hole
FAN4O04F02_M50	Fan module, 4 fan + On/Off, 2P+E plug, UK std., 4 pre-cut hole
FAN4AT4F01_M50	Fan module, 4 fan + analog thermostat, 2P+E plug, schuko std., 4 pre-cut hole
FAN4AT4F02_M50	Fan module, 4 fan + analog thermostat, 2P+E plug, UK std., 4 pre-cut hole
FAN6DT6F01_M50	Fan module, 6 fan + digital thermostat, 2P+E plug, schuko std., 6 pre-cut hole
FAN6DT6F02_M50	Fan module, 6 fan + digital thermostat, 2P+E plug, UK std., 6 pre-cut hole
FAN6O06F01_M50	Fan module, 6 fan + On/Off, 2P+E plug, schuko std., 6 pre-cut hole
FAN6O06F02_M50	Fan module, 6 fan + On/Off, 2P+E plug, UK std., 6 pre-cut hole
FAN6AT6F01_M50	Fan module, 6 fan + analog thermostat, 2P+E plug, schuko std., 6 pre-cut hole
FAN6AT6F02_M50	Fan module, 6 fan + analog thermostat, 2P+E plug, UK std., 6 pre-cut hole

GROUNDING KIT



PRODUCT REFERENCE	DESCRIPTION
M44PEB01	Grounding kit, 6 each earthing leads + copper busbar
M44PEB19_01	Grounding kit, 13 each earthing leads + copper busbar

PDU HOLDER



PRODUCT REFERENCE	DESCRIPTION
DCPDUHM01_M50	PDU holder, 1 set= 2 pcs, for 1 PDU
DCPDUHM02_M50	PDU holder, 1 set= 2 pcs, for 2 PDU

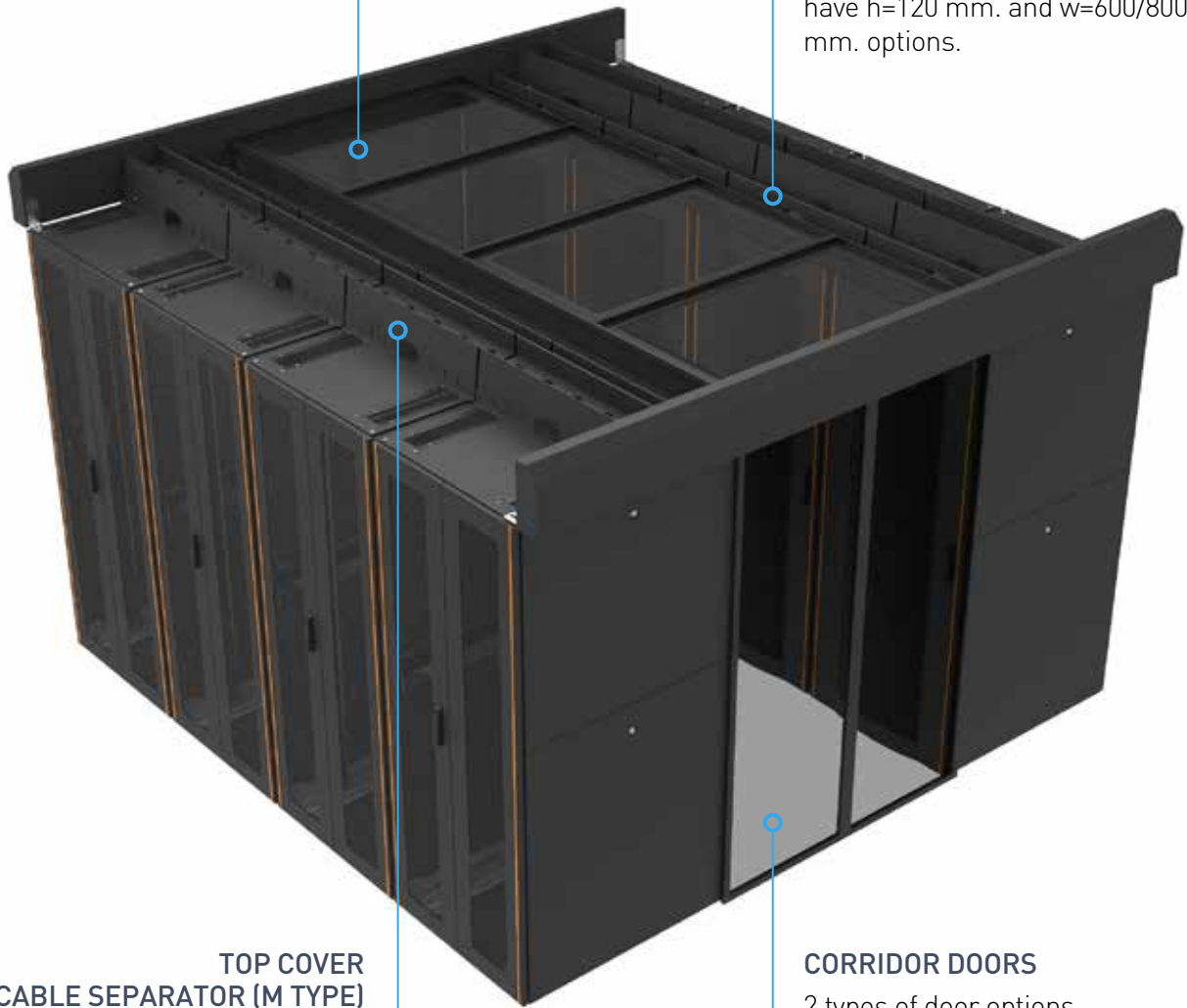
DCMAX Corridor Solutions

TOP PANEL

Easy fixing top panel is used for closing the top of hot/cold aisle containment. Polycarbonate (4 mm) closing with reinforced metal frame. Glass option is available.

TOP COVER CABLE SEPARATOR (A TYPE)

Separate cable inlet for data and energy cables, and separate overhead cable trays and dividers minimize the electromagnetic and physical interference. A type separator have h=120 mm. and w=600/800 mm. options.



TOP COVER CABLE SEPARATOR (M TYPE)

DCMAX cabinets offer professional and highly secured management of high density data and power cables. M Type separator have h=200 mm. and w=600/800 mm. options.

CORRIDOR DOORS

2 types of door options are available as automatic opening and manual opening. Dimensions: 42/45/47U 600 or 1200/1500/1800 mm. Automatic door opening and exit with hand sensor. Keypad or proximity card lock is available. Lock to the bottom option is suitable for manual opening.

AUTOMATIC OPENING

Wing Frame Material: Aluminium.

Glass: 4+4mm transparent laminated glass.

Carrier System: 5 x 60 x 120mm – 4x brackets; 40 x 60 x 2mm Alm. Profile posts.

Carrier wide: 3200mm – 3600mm*

Security Sensor: Active 8 curtain photocell sensor.

Mechanism Wide: 2500mm.

Corridor Wide: 1200 x 2240mm.

Wings: 2 x moving wings, automatic.

Locking: Electro-mechanic locking systems.

Locking Options: Keypad or Proximity Card.

Colour: RAL 9005 and RAL 7035.



MANUEL OPENING

Wing Frame Material: Aluminium.

Glass: 4+4mm transparent laminated glass.

Carrier System: 5 x 60 x 120mm – 4x brackets; 40 x 60 x 2mm Alm. Profile posts.

Carrier Wide: 3200mm – 3600mm*

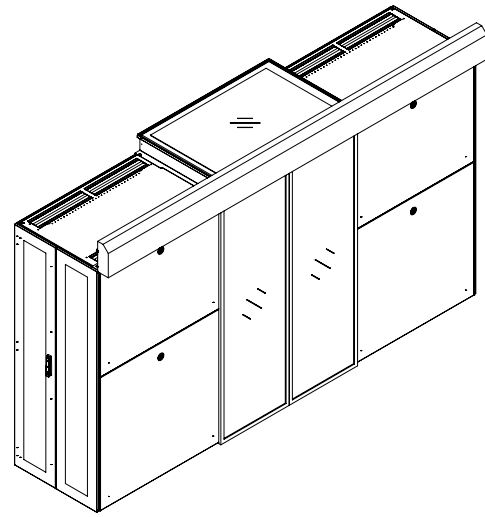
Mechanism Wide: 2500mm

Corridor Wide: 1200mm

Wings: 2 x synchronized wings.

Locking: Lock to the bottom.

Colour: RAL 9005 and RAL 7035



*Depends to the cabinets depth.

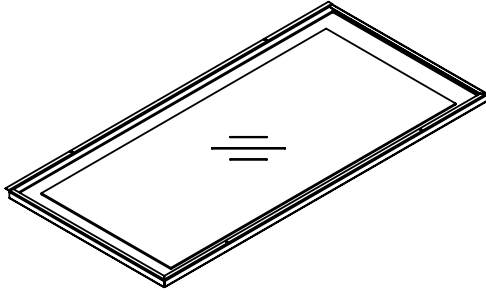
PRODUCT REFERENCE	DESCRIPTION
DCCD4212_01M50	42U Corridor door, double opening, w= 1200 mm, tempered glass, opening and exit with hand sensor
DCCD4215_01M50	42U Corridor door, double opening, w= 1500 mm, tempered glass, opening and exit with hand sensor
DCCD4218_01M50	42U Corridor door, double opening, w= 1800 mm, tempered glass, opening and exit with hand sensor
DCCD4512_01M50	45U Corridor door, double opening, w= 1200 mm, tempered glass, opening and exit with hand sensor
DCCD4515_01M50	45U Corridor door, double opening, w= 1500 mm, tempered glass, opening and exit with hand sensor
DCCD4518_01M50	45U Corridor door, double opening, w= 1800 mm, tempered glass, opening and exit with hand sensor
DCCD4712_01M50	47U Corridor door, double opening, w= 1200 mm, tempered glass, opening and exit with hand sensor
DCCD4715_01M50	47U Corridor door, double opening, w= 1500 mm, tempered glass, opening and exit with hand sensor
DCCD4718_01M50	47U Corridor door, double opening, w= 1800 mm, tempered glass, opening and exit with hand sensor

Note 1: Color code "M50" is RAL 9005 black, "M2" RAL 7035 light grey option is available.

Note 2: For the entrance and/or exit of the sliding doors by push button or any kind of access options please refer to the sales office.

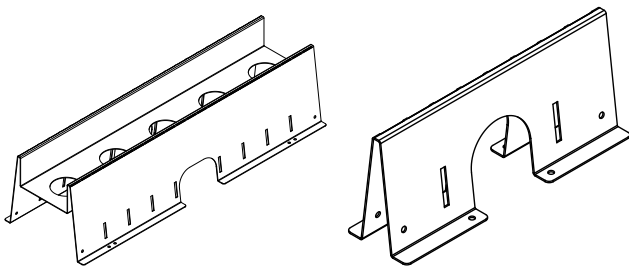
DCMAX Corridor Solutions

TOP PANEL MODULE (4MM)



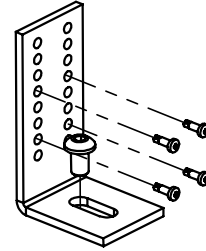
PRODUCT REFERENCE	DESCRIPTION
DCTP6012_01M50	Top panel module, 600X1200 mm
DCTP6012_02M50	Top panel edge module, 600X1200 mm
DCTP6015_01M50	Top panel module, 600X1500 mm
DCTP6015_02M50	Top panel edge module, 600x1500 mm
DCTP6018_01M50	Top panel module, 600X1800 mm
DCTP6018_02M50	Top panel edge module, 600X1800 mm
DCTP8012_01M50	Top panel module, 800X1200 mm
DCTP8012_02M50	Top panel edge module, 800X1200 mm
DCTP8015_01M50	Top panel module, 800X1500 mm
DCTP8015_02M50	Top panel edge module, 800X1500 mm
DCTP8018_01M50	Top panel module, 800X1800 mm
DCTP8018_02M50	Top panel edge module, 800X1800 mm

TOP COVER CABLE SEPERATOR (A AND M TYPE)



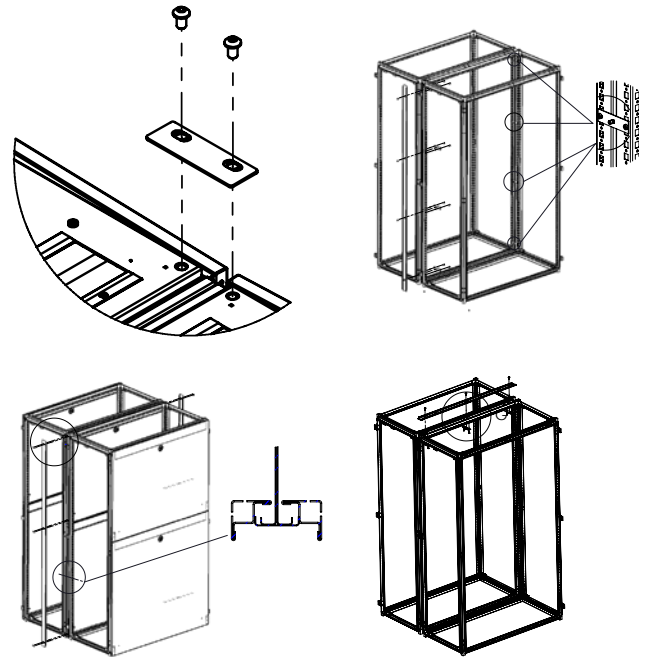
PRODUCT REFERENCE	DESCRIPTION
DCTCCS6012_01M50	Top cover cable seperator, h= 120 mm, w= 600 mm, A type
DCTCCS8012_01M50	Top cover cable seperator, h= 120 mm, w= 800 mm, A type
DCTCCS6020_02M50	Top cover cable seperator, h= 200 mm, w= 600 mm, M type
DCTCCS8020_02M50	Top cover cable seperator, h= 200 mm, w= 800 mm, M type

CORRIDOR DOOR FIXING MODULE



PRODUCT REFERENCE	DESCRIPTION
DCCDFM_02M50	Corridor door fixing module, 8 cm top cover panel

BAYING KIT AND BLANK MODULES

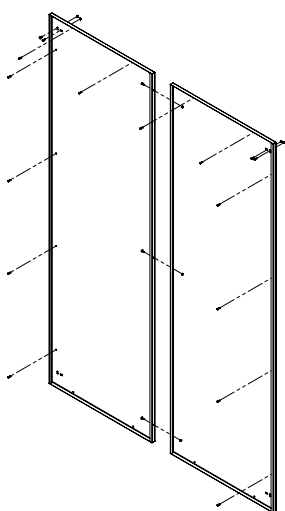


PRODUCT REFERENCE	DESCRIPTION
DCBK_01M50	Baying kit, 1 set= 2 pcs.
DCBM42_01M50	Blank module, 42U, without side panel
DCBM45_01M50	Blank module, 45U, without side panel
DCBM47_01M50	Blank module, 47U, without side panel
DCBM42_02M50	Blank module, 42U, with side panel
DCBM45_02M50	Blank module, 45U, with side panel
DCBM47_02M50	Blank module, 47U, with side panel
DCBM42_03M50	Blank module, 42U, without side panel depth
DCBM45_03M50	Blank module, 45U, without side panel depth
DCBM47_03M50	Blank module, 47U, without side panel depth

Note: Baying kit option of «02M50» code is for profile baying kit

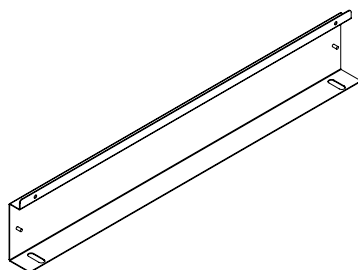
Note: Color code "M50" is RAL 9005 black, "M2" RAL 7035 light grey option is available

CORRIDOR REAR PANEL MODULES



PRODUCT REFERENCE	DESCRIPTION
DCCRPM4212_01M50	Corridor rear panel modules, 42U, h=1200 mm
DCCRPM4215_01M50	Corridor rear panel modules, 42U, h=1500 mm
DCCRPM4218_01M50	Corridor rear panel modules, 42U, h=1800 mm
DCCRPM4512_01M50	Corridor rear panel modules, 45U, h=1200 mm
DCCRPM4515_01M50	Corridor rear panel modules, 45U, h=1500 mm
DCCRPM4518_01M50	Corridor rear panel modules, 45U, h=1800 mm
DCCRPM4712_01M50	Corridor rear panel modules, 47U, h=1200 mm
DCCRPM4715_01M50	Corridor rear panel modules, 47U, h=1500 mm
DCCRPM4718_01M50	Corridor rear panel modules, 47U, h=1800 mm

TOP COVER PANEL



PRODUCT REFERENCE	DESCRIPTION
DCTCP6012_M50	Top cover panel, w= 600 mm, h= 120 mm
DCTCP8012_M50	Top cover panel, w= 800 mm, h= 120 mm

AIRFLOW PREVENTATIVE PANEL



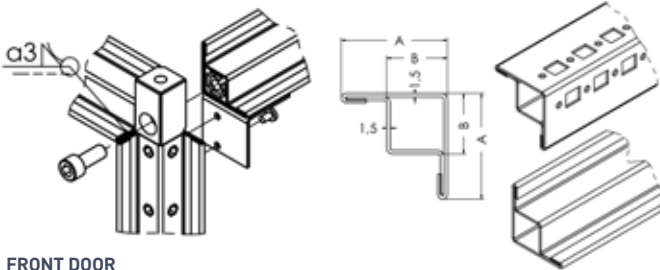
PRODUCT REFERENCE	DESCRIPTION
DCAFPPTBP60_M50	Airflow preventative panel, w=600 mm, top and bottom
DCAFPPTBP80_M50	Airflow preventative panel, w=800 mm, top and bottom
DCAFPSP4260_M50	Airflow preventative panel, 42U, w=600 mm, side
DCAFPSP4560_M50	Airflow preventative panel, 45U, w=600 mm, side
DCAFPSP4760_M50	Airflow preventative panel, 47U, w=600 mm, side
DCAFPSP4280_M50	Airflow preventative panel, 42U, w=800 mm, side
DCAFPSP4580_M50	Airflow preventative panel, 45U, w=800 mm, side
DCAFPSP4780_M50	Airflow preventative panel, 47U, w=800 mm, side

Note: Color code "M50" is RAL 9005 black, "M2" RAL 7035 light grey option is available

DCMAX

TECHNICAL CHARACTERISTICS

MAIN STRUCTURE



FRONT DOOR

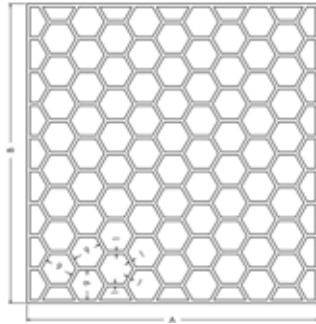
STRUCTURE:

- Produced from galvanised sheet metal.
- The curved door has 80% perforations to have a good air flow.
- Provides enough space for patch cords between door and equipment.
- Can open 130°

LOCKING MECHANISM:

3 point lock, handle with semi cylindrical barrel.

HINGE SYSTEM: 3 pcs Zinc alloy Steel to fix the door.



SIDE PANEL

STRUCTURE:

- Produced from DKP sheet metal.
- Thickness is 1 mm.
- Fixed to cabinet by cylindrical lock.
- 2 pcs in one side.

REAR DOOR

STRUCTURE:

- Produced from DKP sheet metal.
- The flat door has 80% perforations to have a good air flow.
- Can open 130°.

LOCKING MECHANISM:

3 point lock, handle with semi cylindrical barrel

HINGE SYSTEM:

3 pcs Zinc alloy Steel to fix the door.

ROOF

STRUCTURE:

- Produced from DKP sheet metal.
- Suitable to fan module fixing.
- Plenty of cable entry possibility.
- Brush type cable entries.

TESTS AND COMPLIED STANDARDS

TESTS AND COMPLIED STANDARDS

- 1) ISO 9001:2015 Quality Management System
- 2) ISO 14001:2015 Environmental Management System
- 3) ISO 27001:2013 Information Security Management System
- 4) ISO 45001:2018 Occupational Health and Safety Management System
- 5) 19" device mounting uprights IEC 297-1
- 6) EN 61587-1 Mechanical structures for electronic equipment.
- 7) All cabinet sizes complies with IEC 297-2.

**RESISTANCE TO ENVIRONMENTAL CONDITIONS AND CORROSION;
STABILITY, MECHANICAL SAFETY, RESISTANCE TO STATIC, DYNAMIC AND MECHANICAL LOADS;**

**RESISTANCE TO VIBRATION, MECHANICAL SHOCK AND IMPACT;
DEGREES OF MECHANICAL PROTECTION PROVIDED BY THE ENCLOSURE (IP20);
ELECTRICAL GROUNDING CONTINUITY;**

FIRE AND FLAME RESISTANCE;

Have been tested according to the standard " EN 61587-1" with the normative standards: IEC 60917, IEC 60297, IEC 60068-1, IEC 60068-2, IEC 60695-11-10, IEC 60950-1, contained and certified by the notified organizations::

TSE CERTIFICATE NO

003788-TSE-08/02

EAC CERTIFICATE NO

0443637, 0776963, 0345864, 0401678, 0776653

CORROSION

ISO 9227 Standard complied by the test report METALTEK AB-0547-T / 0157-1

SEISMIC TESTS

BELLCORE GR-63-CORE ZONE 4, NEBS requirements Standart complied by the test report SOPEMEA EHL 14680 JAN 2010

TRANSPORT

ETS 300 019-1-2 Class 2.3 Comply with internal testing

STORAGE

ETS 300 019-1-1 Class 1.2 Comply with internal testing

SURFACE FINISH

Electrostatic powder coated c/with surface treatment , 80 +/- 5 micron paint thickness

PURCHASED PRODUCT CERTIFICATION

SHEET STEEL

EN 10346: 20015 DX51D+Z, EN 10130: 2006 DC01

ELECTROSTATIC POWDER COATING

ISO6860, ISO2409, ISO1520, ISO2815, ISO6272, ISO7253, ISO6270-1, ISO2812
ISO 9001, RoHS

GLASS

TS EN 12150-1, TS EN 1863-1

LOCK

IEC 62474, REACH, RoHS

CASTORS

ISO 9001, TS EN 12532, RoHS

FAN

IEC 60335-2-80:2002, IEC 60335-1:2010



**“High performance”
now has a name:**



DCMAX

DCMAX cabinets with perfect and aesthetic design for hot and cold corridors provide reliable, flexible and scalable high performance for critical data center infrastructures.