

# OPEN FRAME RACKS

## D=100mm

### FIELD OF USE

Open Frame Rack System; are cabinet solutions used for numerous applications in the network, server storage and electronics fields in clean and dust-free environments where no closed cabinet structure is required. Functionally, it creates a professional look. Care is easy.

### ECONOMIC SOLUTION

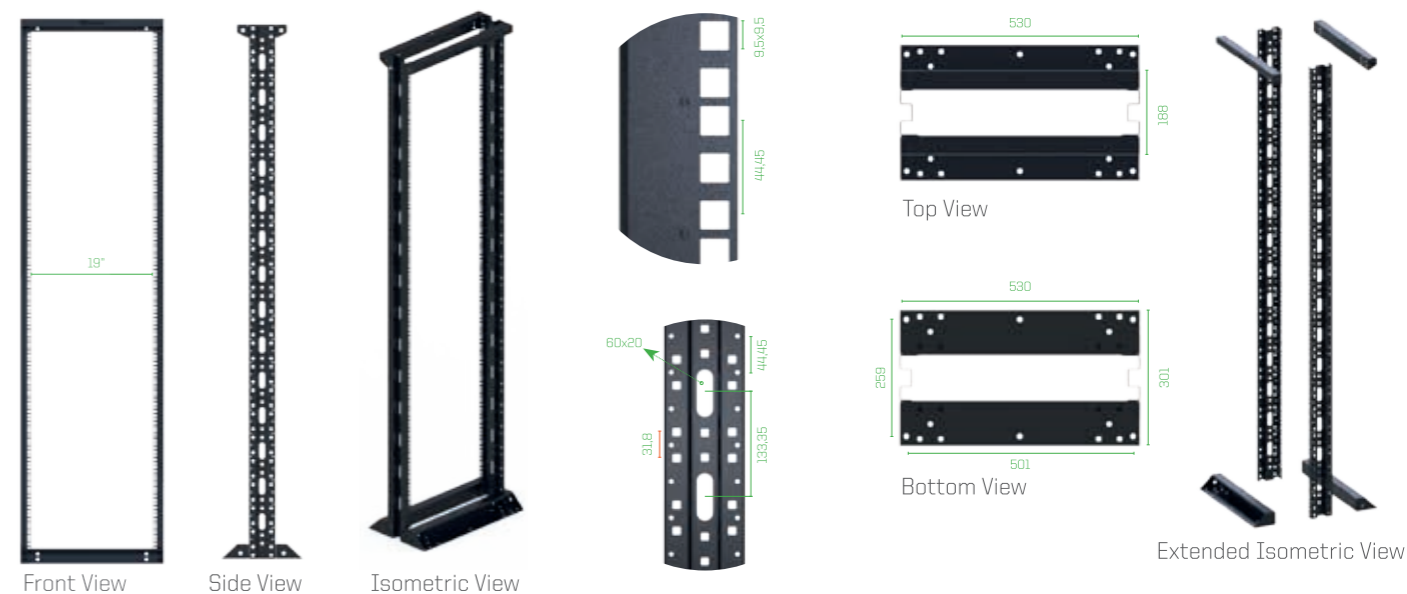
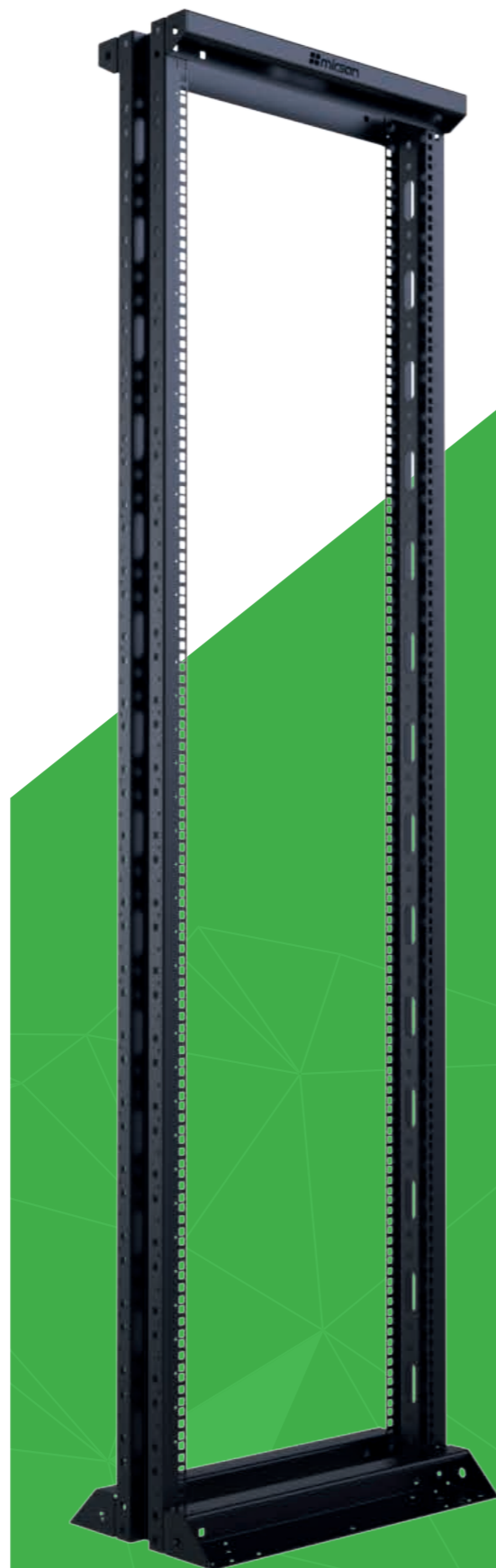
Open Frame Rack System; Compared to the closed cabinet structure, they are preferred with more economical and easy installation structure. Thanks to its intelligent design, it can be used as a single or double roof.

### DISASSEMBLED SHIPMENT

Open Frame Rack System; Thanks to the demounted packing structure, it provides low cost and economical shipping advantage.

### 19" PROFILE STRUCTURE

Open Frame Rack System; Thanks to the special profile structure designed for the installation of all 19" standard devices, the side hitches are completely removed. The 7-fold stronger beam profile provides maximum durability. The load carrying capacity is affected by the load distribution. However, when the distribution is done properly, it provides safe transport up to 600 kg.



PRODUCT CODE	DESCRIPTION	H SIZE (U)	D SIZE (MM)	MODEL
<b>19" Open Rack Open System Single Roof</b>				
MR.OPR16USF100.XX	16U D=100mm Open Frame Single Roof	16U	100	
MR.OPR26USF100.XX	26U D=100mm Open Frame Single Roof	26U	100	
MR.OPR36USF100.XX	36U D=100mm Open Frame Single Roof	36U	100	
MR.OPR46USF100.XX	42U D=100mm Open Frame Single Roof	42U	100	
MR.OPR46USF100.XX	46U D=1000mm Open Frame Single Roof	46U	100	

XX= Colour Code, 02 for Light Grey RAL 7035 and 01 for Black RAL 9005, added in the order by customer.





# OPEN FRAME SINGLE ROOF

## D=200mm

### GROUND CONTACT

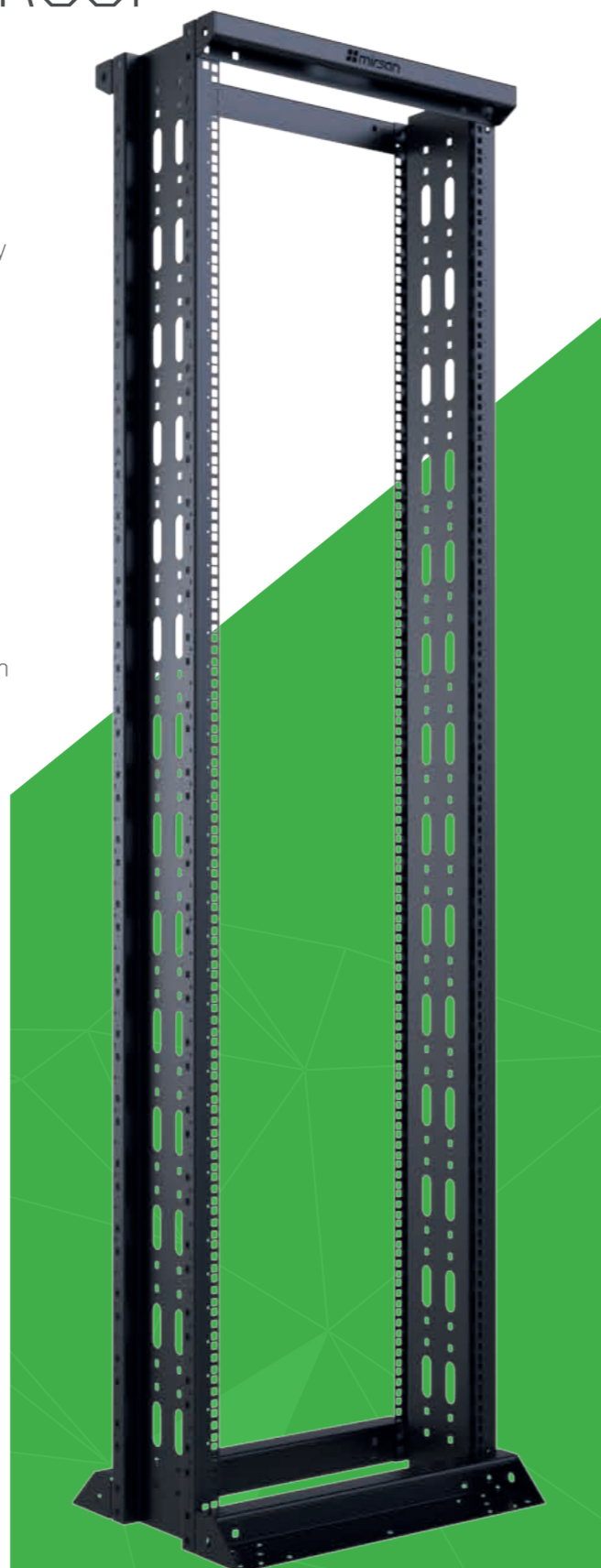
Open Rack Open System Roofs; They can be fixed in place, thanks to the use of pinion feet and wheels, they are compatible with any floor configuration needed. The standard models are not only fixed to the floor but also can be used with pinion feet and wheel groups as an option.

### EASY ACCESS

Open Rack Open System Roofs; Thanks to the open structure of all surfaces, they provide easy and fast access to the equipment. All roofs can be joined side by side.

### ADJUSTABLE DEPTH MEASUREMENT

Open Rack Open System Puts; (D = 450mm with 250mm depth extension) (d = 600mm with 400mm depth extension) (D = 800mm with 600mm depth extension piece) and d = 1000mm depth with 800mm depth extension piece. Thus, the desired depth can be reached quickly. Except for the specified depth values, the Mirsan Open Rack Open System Extra Extension can be extended by an extra 100mm.



Front View



Side View



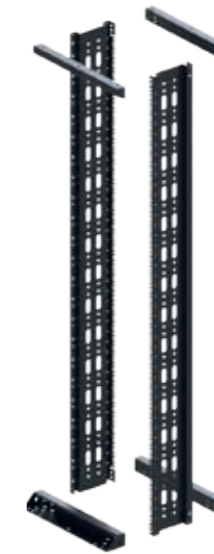
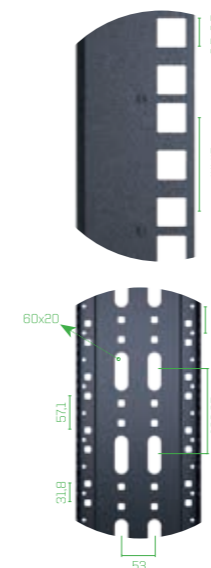
Top View



Bottom View



Isometric View



Extended Isometric View



PRODUCT CODE	DESCRIPTION	H SIZE (U)	D SIZE (MM)	MODEL
<b>19" Open Rack Open System Single Roof</b>				
MR.OPR16USF200.XX	16U D=200mm Open Frame Single Roof	16U	200	
MR.OPR26USF200.XX	26U D=200mm Open Frame Single Roof	26U	200	
MR.OPR36USF200.XX	36U D=200mm Open Frame Single Roof	36U	200	
MR.OPR46USF200.XX	42U D=200mm Open Frame Single Roof	42U	200	
MR.OPR46USF200.XX	46U D=2000mm Open Frame Single Roof	46U	200	

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# OPEN FRAME DOUBLE ROOFS

- D=450mm**
- D=600mm**
- D=800mm**
- D=1000mm**

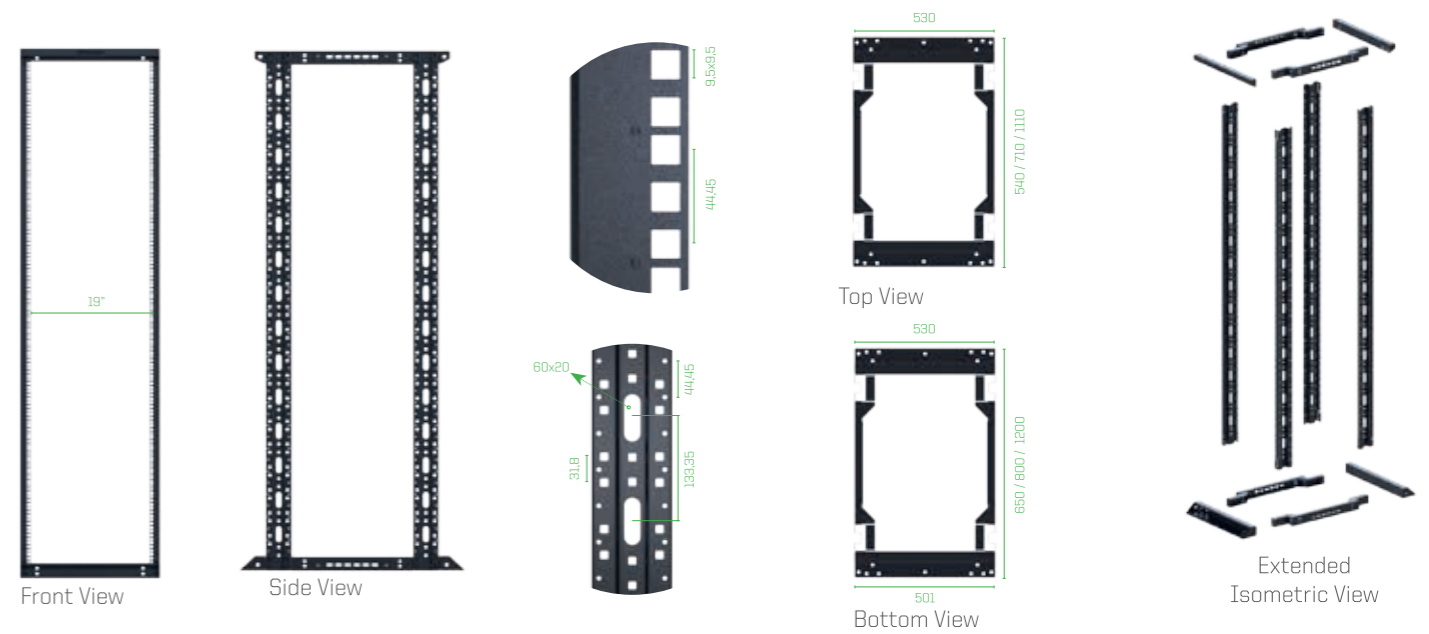
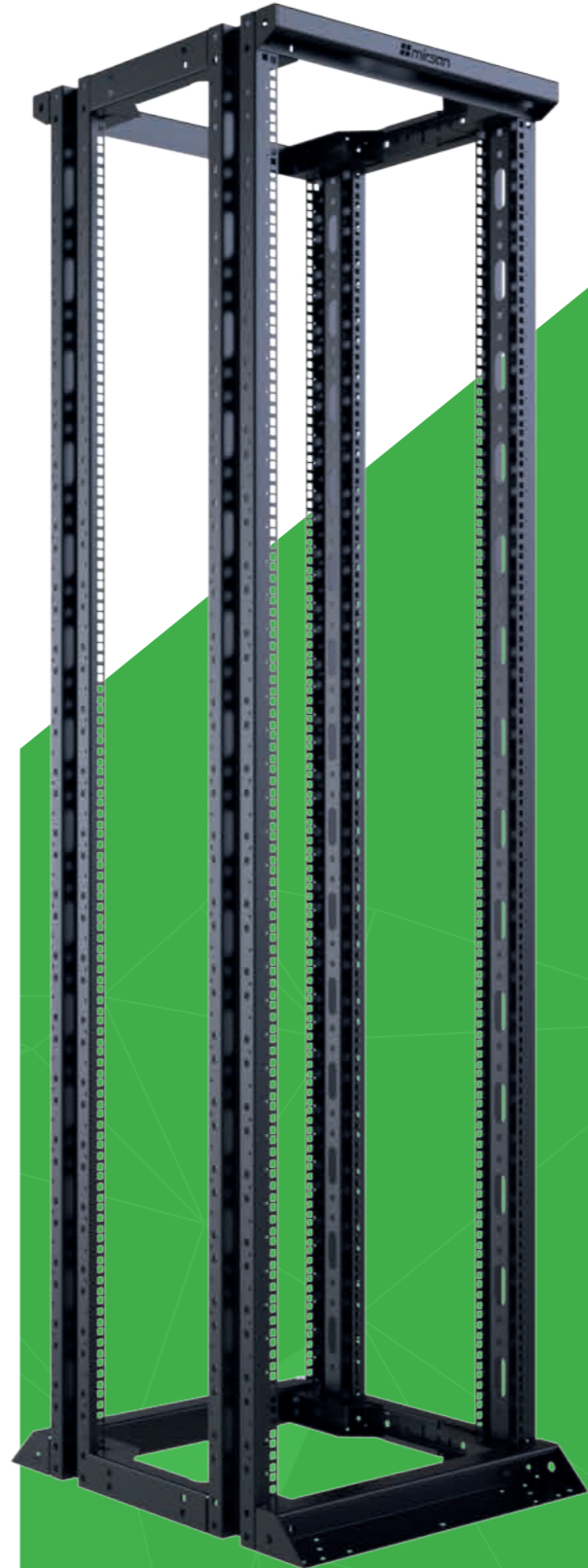
### TECHNICAL FEATURES

Packaging (1pcs)  
 Certificates of installation-ready assembled product TSE, Gost  
 Surface coating Electrostatic powder paint surface treatment  
 80 +/- 5 micron paint thickness and tested according to IEC  
 60068-2-1,2-2,2-30,2-42  
 Product standard color RAL 7035 / RAL 9005  
 Corner profile and depth pieces thickness (2mm)  
 Lower and upper connectors (2.5mm)

### MAIN FEATURES

The profile structure has a structure that will increase mechanical resistance with maximum performance. The Omega styled profile system is designed to provide the upper joints and the lower foot unit with heavy duty rigging.  
 The axial (x, y, z) strength is measured in accordance with EN 61587-1 / 5.2.1 and 5.2.2, with an external collision resistance of EN 61587-1 / 5.3.3.

\* Please contact our sales departments for SPECIAL PRODUCTS outside of the options indicated on the pages.



PRODUCT CODE	DESCRIPTION	H SIZE (U)	D SIZE	MODEL
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#### 19" Open Rack Open System Double Roofs

MR.OPR16UDF45.XX	16U D=450mm Open Frame Double Roof	16U	450	
MR.OPR26UDF45.XX	26U D=450mm Open Frame Double Roof	26U	450	
MR.OPR36UDF45.XX	36U D=450mm Open Frame Double Roof	36U	450	
MR.OPR42UDF45.XX	42U D=450mm Open Frame Double Roof	42U	450	
MR.OPR46UDF45.XX	46U D=450mm Open Frame Double Roof	46U	450	

#### 19" Open Rack Open System Double Roofs

MR.OPR16UDF60.XX	16U D=600mm Open Frame Double Roof	16U	600	
MR.OPR26UDF60.XX	26U D=600mm Open Frame Double Roof	26U	600	
MR.OPR36UDF60.XX	36U D=600mm Open Frame Double Roof	36U	600	
MR.OPR42UDF60.XX	42U D=600mm Open Frame Double Roof	42U	600	
MR.OPR46UDF60.XX	46U D=600mm Open Frame Double Roof	46U	600	

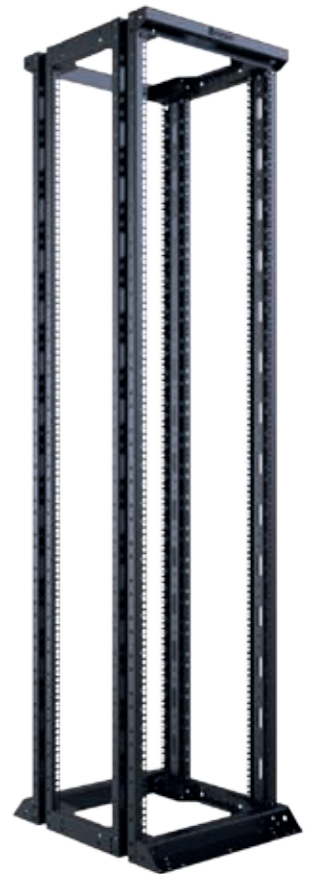
#### 19" Open Rack Open System Double Roofs

MR.OPR16UDF80.XX	16U D=800mm Open Frame Double Roof	16U	800	
MR.OPR26UDF80.XX	26U D=800mm Open Frame Double Roof	26U	800	
MR.OPR36UDF80.XX	36U D=800mm Open Frame Double Roof	36U	800	
MR.OPR42UDF80.XX	42U D=800mm Open Frame Double Roof	42U	800	
MR.OPR46UDF80.XX	46U D=800mm Open Frame Double Roof	46U	800	

#### 19" Open Rack Open System Double Roofs

MR.OPR16UDF100.XX	16U D=1000mm Open Frame Double Roof	16U	1000	
MR.OPR26UDF100.XX	26U D=1000mm Open Frame Double Roof	26U	1000	
MR.OPR36UDF100.XX	36U D=1000mm Open Frame Double Roof	36U	1000	
MR.OPR42UDF100.XX	42U D=1000mm Open Frame Double Roof	42U	1000	
MR.OPR46UDF100.XX	46U D=1000mm Open Frame Double Roof	46U	1000	

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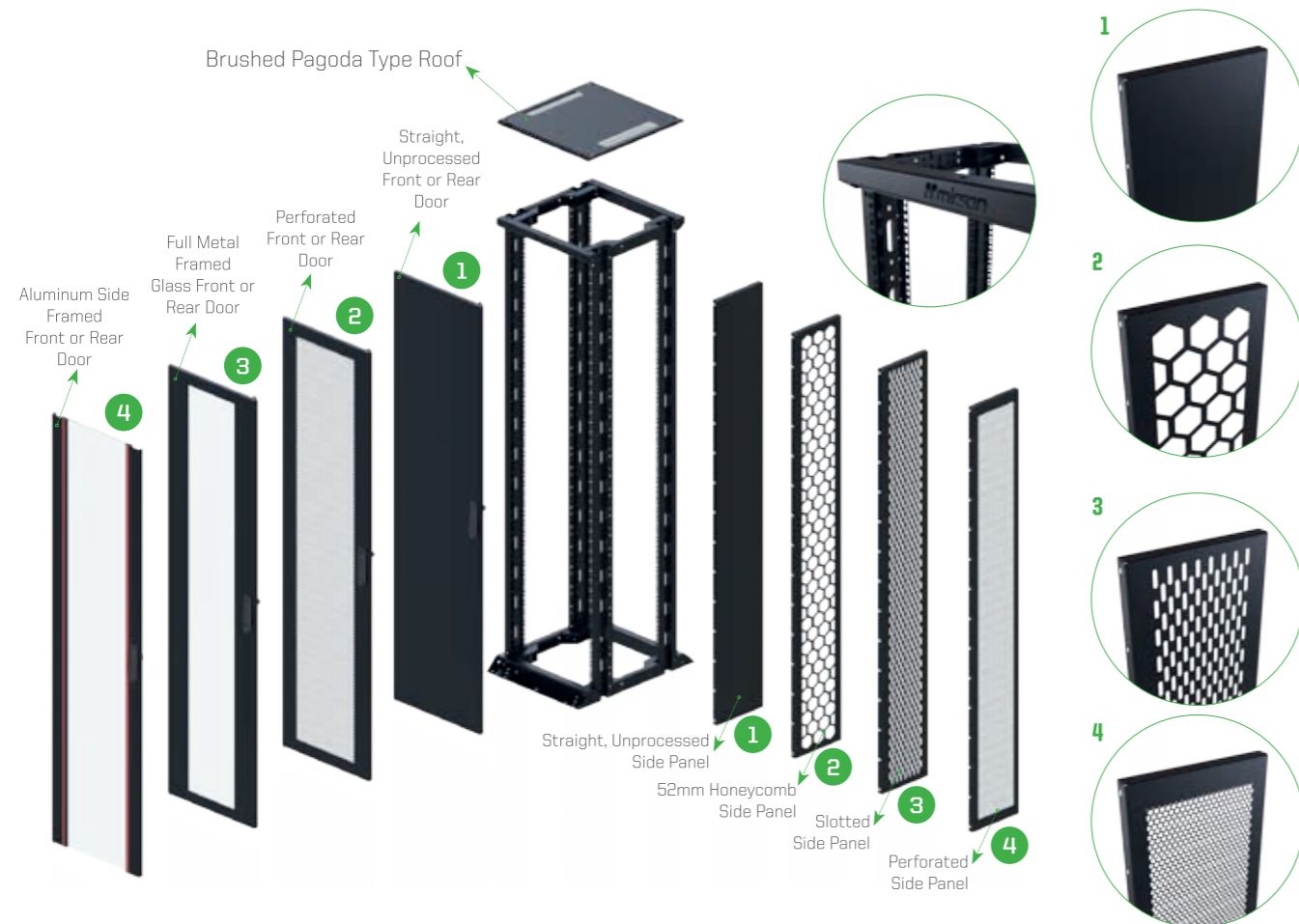




## OPEN FRAME SPECIAL SERIES

### OPTIONAL UPPER ROOF AND COVER

Cover and roofs are a system that protects the equipment that is being installed. It is recommended to use the system in a minimum dusted, ventilated and safety-controlled environment. The use in these environments allows the system to provide a cost effective solution.



PRODUCT CODE	DESCRIPTION	PRODUCT CODE	DESCRIPTION
<b>Front and Rear Flat %63 Perforated Doors %63</b>			
MR.GTP.PDK616.XX	16U 600 GT Plus Straight Perforated Front Cover	MR.GTP.DMK616.XX	16U 600 GT Plus Flat Metal Front Cover
MR.GTP.PDK626.XX	26U 600 GT Plus Straight Perforated Front Cover	MR.GTP.DMK626.XX	26U 600 GT Plus Flat Metal Front Cover
MR.GTP.PDK636.XX	36U 600 GT Plus Straight Perforated Front Cover	MR.GTP.DMK636.XX	36U 600 GT Plus Flat Metal Front Cover
MR.GTP.PDK642.XX	42U 600 GT Plus Straight Perforated Front Cover	MR.GTP.DMK642.XX	42U 600 GT Plus Flat Metal Front Cover
MR.GTP.PDK646.XX	46U 600 GT Plus Straight Perforated Front Cover	MR.GTP.DMK646.XX	46U 600 GT Plus Flat Metal Front Cover

<b>Front Glass Doors</b>			
MR.22TCK616.XX	16U 600 GTV-Versatile Single Glass Cover with Aluminum Frame		
MR.22TCK626.XX	26U 600 GTV-Versatile Single Glass Cover with Aluminum Frame		
MR.22TCK636.XX	36U 600 GTV-Versatile Single Glass Cover with Aluminum Frame		
MR.22TCK642.XX	42U 600 GTV-Versatile Single Glass Cover with Aluminum Frame		
MR.22TCK646.XX	46U 600 GTV-Versatile Single Glass Cover with Aluminum Frame		

<b>Flat Side Panels</b>			
MR.YPD16U45.XX	16U D=450 Unprocessed Flat Side Panel	MR.YPD26U45.XX	26U D=450 Unprocessed Flat Side Panel
MR.YPD16U60.XX	16U D=600 Unprocessed Flat Side Panel	MR.YPD26U60.XX	26U D=600 Unprocessed Flat Side Panel
MR.YPD16U80.XX	16U D=800 Unprocessed Flat Side Panel	MR.YPD26U80.XX	26U D=800 Unprocessed Flat Side Panel
MR.YPD16U100.XX	16U D=1000 Unprocessed Flat Side Panel	MR.YPD26U100.XX	26U D=1000 Unprocessed Flat Side Panel
MR.YPD36U45.XX	36U D=450 Unprocessed Flat Side Panel	MR.YPD42U45.XX	42U D=450 Unprocessed Flat Side Panel
MR.YPD36U60.XX	36U D=600 Unprocessed Flat Side Panel	MR.YPD42U60.XX	42U D=600 Unprocessed Flat Side Panel
MR.YPD36U80.XX	36U D=800 Unprocessed Flat Side Panel	MR.YPD42U80.XX	42U D=800 Unprocessed Flat Side Panel
MR.YPD36U100.XX	36U D=800 Unprocessed Flat Side Panel	MR.YPD42U100.XX	42U D=1000 Unprocessed Flat Side Panel

<b>52mm Perforated Side Panels:</b>			
MR.YP52.16U45.XX	16U D=450 52mm Perforated Side Panel	MR.YP52.26U45.XX	26U D=450 52mm Perforated Side Panel
MR.YP52.16U60.XX	16U D=600 52mm Perforated Side Panel	MR.YP52.26U60.XX	26U D=600 52mm Perforated Side Panel
MR.YP52.16U80.XX	16U D=800 52mm Perforated Side Panel	MR.YP52.26U80.XX	26U D=800 52mm Perforated Side Panel
MR.YP52.16U100.XX	16U D=1000 52mm Perforated Side Panel	MR.YP52.26U100.XX	26U D=1000 52mm Perforated Side Panel
MR.YP52.36U45.XX	36U D=450 52mm Perforated Side Panel	MR.YP52.42U45.XX	42U D=450 52mm Perforated Side Panel
MR.YP52.36U60.XX	36U D=600 52mm Perforated Side Panel	MR.YP52.42U60.XX	42U D=600 52mm Perforated Side Panel
MR.YP52.36U80.XX	36U D=800 52mm Perforated Side Panel	MR.YP52.42U80.XX	42U D=800 52mm Perforated Side Panel
MR.YP52.36U100.XX	36U D=1000 52mm Perforated Side Panel	MR.YP52.42U100.XX	42U D=1000 52mm Perforated Side Panel

<b>Slotted Side Panels</b>			
MR.YPS.16U45.XX	16U D=450 Slotted Side Panel	MR.YPS.26U45.XX	26U D=450 Slotted Side Panel
MR.YPS.16U60.XX	16U D=600 Slotted Side Panel	MR.YPS.26U60.XX	26U D=600 Slotted Side Panel
MR.YPS.16U80.XX	16U D=800 Slotted Side Panel	MR.YPS.26U80.XX	26U D=800 Slotted Side Panel
MR.YPS.16U100.XX	16U D=1000 Slotted Side Panel	MR.YPS.26U100.XX	26U D=1000 Slotted Side Panel
MR.YPS.36U45.XX	36U D=450 Slotted Side Panel	MR.YPS.42U45.XX	42U D=450 Slotted Side Panel
MR.YPS.36U60.XX	36U D=600 Slotted Side Panel	MR.YPS.42U60.XX	42U D=600 Slotted Side Panel
MR.YPS.36U80.XX	36U D=800 Slotted Side Panel	MR.YPS.42U80.XX	42U D=800 Slotted Side Panel
MR.YPS.36U100.XX	36U D=1000 Slotted Side Panel	MR.YPS.42U100.XX	42U D=1000 Slotted Side Panel

<b>%63 Perforated Side Panels</b>			
MR.YP63.16U45.XX	16U D=450 %63 Perforated Side Panel	MR.YP63.26U45.XX	26U D=450 %63 Perforated Side Panel
MR.YP63.16U60.XX	16U D=600 %63 Perforated Side Panel	MR.YP63.26U60.XX	26U D=600 %63 Perforated Side Panel
MR.YP63.16U80.XX	16U D=800 %63 Perforated Side Panel	MR.YP63.26U80.XX	26U D=800 %63 Perforated Side Panel
MR.YP63.16U100.XX	16U D=1000 %63 Perforated Side Panel	MR.YP63.26U100.XX	26U D=1000 %63 Perforated Side Panel
MR.YP63.36U45.XX	36U D=450 %63 Perforated Side Panel	MR.YP63.42U45.XX	42U D=450 %63 Perforated Side Panel
MR.YP63.36U60.XX	36U D=600 %63 Perforated Side Panel	MR.YP63.42U60.XX	42U D=600 %63 Perforated Side Panel
MR.YP63.36U80.XX	36U D=800 %63 Perforated Side Panel	MR.YP63.42U80.XX	42U D=800 %63 Perforated Side Panel
MR.YP63.36U100.XX	36U D=1000 %63 Perforated Side Panel	MR.YP63.42U100.XX	42U D=1000 %63 Perforated Side Panel

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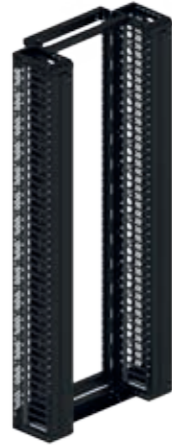
## OPEN FRAME CABLE MANAGEMENT

### OPTIONAL CABLE ORGANIZATION

Open Frame Systems; Vertical, horizontal cable systems designed for intensive cabling provide maximum cable management solutions.



Vertical Classic Organizer



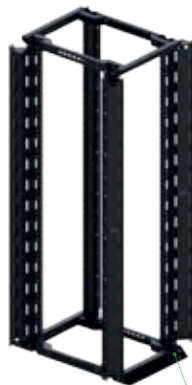
Vertical Finger Type Covered Organizer



Single PVC Plug-in Hook



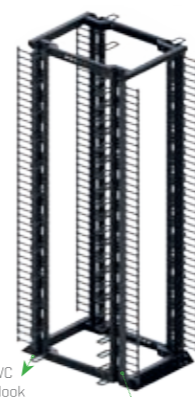
Organizer Mounting Connection



Vertical Classic Organizer Can be Applied to 2 or 4 Sides



Vertical Finger-Type Covered Organizer Can be Applied to 2 or 4 Sides



Single PVC Plug-in Hook

Single PVC Plug-in Hook



Cable Hosting Module Connecting to the Roof

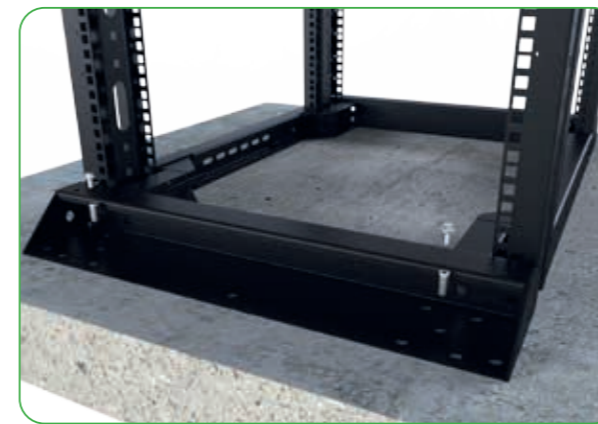
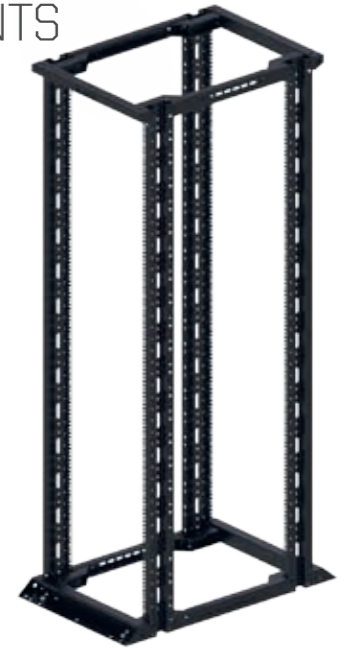
## OPEN FRAME GROUND CONNECTION ELEMENTS



Caster Mounted Open System Roofs



Pinion Feet Mounted Open System Roofs



Can be connected to the floor by using 4 pieces of M10 Steel Dovels



## ADJUSTABLE DEPTH ELEMENTS



Except from the specified depth measure, it can be increased by +100 mm.