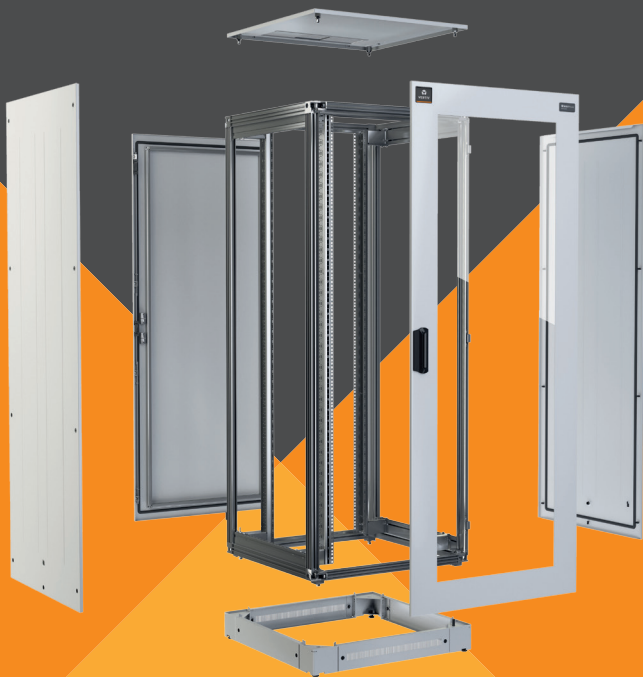# Vertiv™ Knürr® MIR2

Modular – fully configurable

Vertiv™

Vertiv designs, builds and services mission critical technologies that enable the vital applications for data centers, communication networks, and commercial and industrial environments. We support today's growing mobile and cloud computing markets with our portfolio of power, thermal, infrastructure management products, software and solutions, all complemented by our global service network. Bringing together global reach and local knowledge, and our decades-long heritage including brands like ASCO®, Chloride®, Liebert®, NetSure™ and *Trellis*™, our team of experts is ready to take on your most complex challenges, creating solutions that keep your systems running—and your business moving. Together, we're building the future of a world where critical technologies always work.

YOUR VISION, OUR PASSION.
VertivCo.com

One system with Infinite Possibilities

Vertiv™ Knürr® MIR2, the classic amongst innovative racks, is demonstrated by the long-standing and continuous satisfaction of our customers. Drawing on Vertiv's extensive experience with a wide range of applications, Miracel has now been adapted for network and server applications. The innovative Vertiv Knürr MIR2 has been designed to meet current requirements in order to ensure that it will continue to meet customers' needs well into the future.

For both network and server applications, the highly versatile Vertiv Knürr MIR2 combines various components and applications in one place. Being a modular rack system, it can easily be expanded at any time and the cable entry points can be flexibly tailored for specific needs.

With a load rating of 800 kg, Vertiv Knürr MIR2 is a **cleverly designed space-saving rack** that offers ample space for a wide range of equipment and, thanks to the absence of depth members, also present at the sides, it provides maximum flexibility with the greatest possible space for cables and cooling components.

This rack's integrated castors and doors also make it easy to move without needing to be tilted. Made from aluminum, Vertiv Knürr MIR2 is extremely **light**, minimizing raised floor loading and making it easy to transport and set up. The clever, fully-integrated T-slot system in the aluminum extrusions also allows for the free configuration of accessories and makes it easy to install each and every component.

Benefits of an All-in-One Server and Network Rack

Vertiv™ Knürr® MIR2 – Technical Data

- **Material/finish:**
  - Extruded aluminum
  - Corner piece: die-cast aluminum
  - Casing: galvanized steel sheet
  - Doors: steel sheet.

- **Installation dimensions in accordance with IEC 60297-1 and IEC 60297-2**
  - Height: 42 HE / 47 HE (1 HE (or 1U) = 44.45 mm)
  - Width: 482.6 mm (19" version).

- **Available space**
  - 80 mm jumpering space at the front, 215 mm ranges; customizable up on request
  - Internal hinge: 130° for rack suites: 160° for stand-alone racks
  - External hinge: 180° for stand alone racks and rack suites.

- **Installation options**
  - Stationary: on levelling feet
  - Mobile: with castor mounting and levelling feet.

- **Finish / Colour**
  - Basic rack: polished
  - Visible surface of casing, powder-coated RAL 7021 dark-grey and RAL 7035 light-grey.

- **Static load rating**
  - 8000 N (stationary version)
  - 4000 N (mobile version).

- **Tests depending on the design**
  - Earthing and earth wire test in accordance with DIN EN 60950
  - Other standards and certificates upon request.

- **Rack suites**
  To create a rack suite with "n" racks, you will need:
  - 1 x rack without side panels and one rack with side panels
  - 1 x set of rack connectors per connection.

AIRFLOW

83% Perforation offers optimal airflow

EASY ACCESS

Easy access on all sides enables comfortable service and repair

RAISED HEIGHT

Raised height from 41/46U up to 42/47U

LOAD CAPACITY

800 KG

Load rate raised from 500kg up to 800kg

LIGHT WEIGHT

Light weight aluminium construction, minimizes raised floor loading

CLICKYSTEM

Clickystem, easy mounting accessories

BENEFITS OF AN ALL IN ONE RACK

MODULAR

Modular design makes it easy to combine with DCM racks and Smart Aisle Containment

CASTORS

Castors for easy transport

Vertiv™ Knürr® MIR2 Network Rack - Features

Top cover with
cable inlet rear
+ 25 mm raised

Horizontal extrusion

Depth extrusion

No depth braces required

Vertical extrusion

19" extrusion with
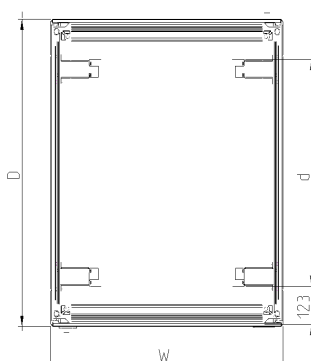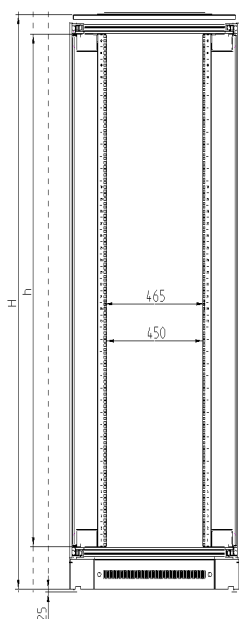U-marking

Glas door

Stationary plinth
with vents

Vertiv Knürr MIR2 - Network Rack

Vertiv™ Knürr® MIR2 Network Rack

Vertiv™ Knürr® MIR2 Network Rack

Technical Specifications

- With fixed 19" mounting on the front and rear for IEC 297-3-compliant components
- Installation of slot-in runners, drawers, pull-out shelves and cable management equipment
- Cable entry via plinth and top cover
- Cable entry on the top cover, at the rear; top cover can be attached / removed after equipment installation
- Heat is discharged via the raised top cover
- Door opening angle 160° internal hinges.

- **Jumpering space**
  - Front: 123 mm.

- **Load rating**
  - 8000 N static.

- **Protection rating**
  - IP 20.

- **Tests**
  - Earthing compliant with VDE 0100 T 540
  - IP test EN 60529.

- **Material/finish**
  - Basic rack: extruded aluminum
  - Corner piece: die-cast aluminum, polished
  - Casing: galvanized steel sheet, powder-coated texture
  - Doors, steel sheet, powder-coated texture, glass infill front door, single safety-glass panel, 4 mm
  - 19" extrusions, 1.5 mm galvanized steel sheet.

- **Colour**
  - x = .1 visible surfaces and covers, RAL 7035 light-grey
  - x = .8 visible surfaces and covers, RAL 7021 dark-grey.

- **Included in delivery**
  - 1 basic rack
  - 4 x 19" perforated steel sheet extrusions with HE markings. Depth 600 2 x 19"
  - 2 x side panels with quick connectors
  - 1 x raised top cover with cable entry rear (three-piece sliding plates, can also be fully opened) at the rear
  - 1 x front door, single leaf, single safety-glass panel, with handle and mounting for cylinder lock
  - 1 x rear door, single leaf, steel sheet, with handle and mounting for cylinder lock
  - 1 x plinth with vents at the front and rear, including closed sides and mounting for filter mat
  - 1 x complete earthing kit (VDE 0100)
  - 4 x levelling feet.

- **Delivered**
  - Assembled.

W	H	D	U	h	d	Order No.	Units
800	2120	600	42	1873		01.157.005.x-022	1 unit
800	2340	600	47	2095		01.157.005.x-032	1 unit
800	2120	800	42	1873	565	01.157.005.x-024	1 unit
800	2340	800	47	2095	565	01.157.005.x-034	1 unit
800	2120	1000	42	1873	740	01.157.005.x-026	1 unit
800	2340	1000	47	2095	740	01.157.005.x-036	1 unit

Vertiv™ Knürr® MIR2 Server Rack - Features

Top cover
with cable entry
rear side

Horizontal extrusion

Depth extrusion

No depth braces required

Vertical extrusion

19" extrusion with
U-marking
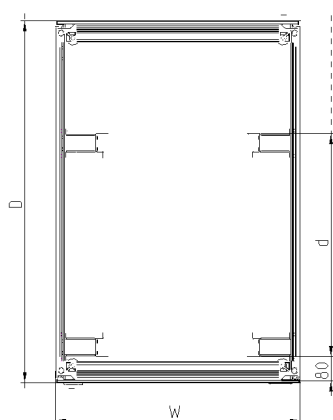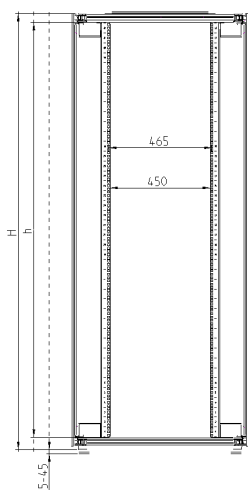
Perforated door
biggest possible
perforation

Vertiv Knürr MIR2 - Server Rack

levelling feet,
castors optional

Vertiv™ Knürr® MIR2 Server Rack

Vertiv™ Knürr® MIR2 Server Rack

Technical Specifications

- With fixed 19" mounting on the front and rear for IEC 297-3-compliant components
- Perforated single leaf front and rear doors
- Special 19" server extrusions for mounting all trade-standard 19" servers
- Components compliant with IEC 297-3
- Cable entry via base and top cover
- Cable entry on the top cover, at the rear, can be completely removed, allowing the top cover to be fitted and removed after cabling.

- **Jumpering space**
  - Front: 80 mm.

- **Load rating**
  - 8000 N static.

- **Protection rating**
  - IP 20.

- **Tests**
  - Earthing compliant with VDE 0100 T 540
  - Earthing compliant with DIN EN 60950
  - IP test EN 60529.

- **Material/finish**
  - Basic rack: extruded aluminum
  - Corner piece: die-cast aluminum, polished
  - Covers: galvanized steel sheet, powder-coated texture
  - Doors: steel sheet, powder-coated texture
  - 19" extrusions, 2.5 mm galvanized steel sheet.

- **Colour**
  - x = .1 visible surfaces and covers, RAL 7035 light-grey

- x = .8 visible surfaces and covers, RAL 7021 dark-grey.

Included in delivery

- 1 x basic rack
- 4 x 19" steel sheet server extrusions with HE markings
- 2 x side panels with quick connectors
- 1 x top cover with cable entry rear(three-piece sliding plates, can also be fully opened)
- 1 x front door, single leaf, with handle and mounting for cylinder lock
- 1 x rear door, single leaf, with handle and mounting for cylinder lock
- 1 x complete earthing kit (VDE 0100)
- 4 x levelling feet.

- **Delivered**
  - Assembled.

- **Note**

  For drawers, pull-out shelves and slot-in runners, please also order the extrusion adapter 01.147.6409.

W	H	D	U	h	d	Order No.	Units
600	1969	1000	42	1873	740	**01.157.007.x-026**	1 unit
600	2218	1000	47	2095	740	**01.157.007.x-036**	1 unit
600	1969	1200	42	1873	740	**01.157.007.x-028**	1 unit
600	2218	1200	47	2095	740	**01.157.007.x-038**	1 unit
800	1969	1000	42	1873	740	**01.157.011.x-026**	1 unit
800	2218	1000	47	2095	740	**01.157.011.x-036**	1 unit
800	1969	1200	42	1873	740	**01.157.011.x-028**	1 unit
800	2218	1200	47	2095	740	**01.157.011.x-038**	1 unit

Vertiv™ Knürr® MIR2 Configuration

Vertiv Knürr MIR2 configured by you.

Vertiv Knürr MIR2 is one of our configurable rack platforms. You can easily select the options you need for your individual rack, based on the matrix.

Example product number

	Dimensions			Doors		19" Extrusions		Cover parts						Color
Product	Height	Width	Depth	Front Door	Rear Door	19" Front Vertical Extrusion	19" Rear Vertical Extrusion	Top Cover	Plinth	Side Panel	Packaging	Jumpering Depth	Free	Color
N	B	8	E	A	B	S	S	B	A	B	X	Q	X	8

Dimensions | Doors | 19" Extrusions | Cover parts | Color

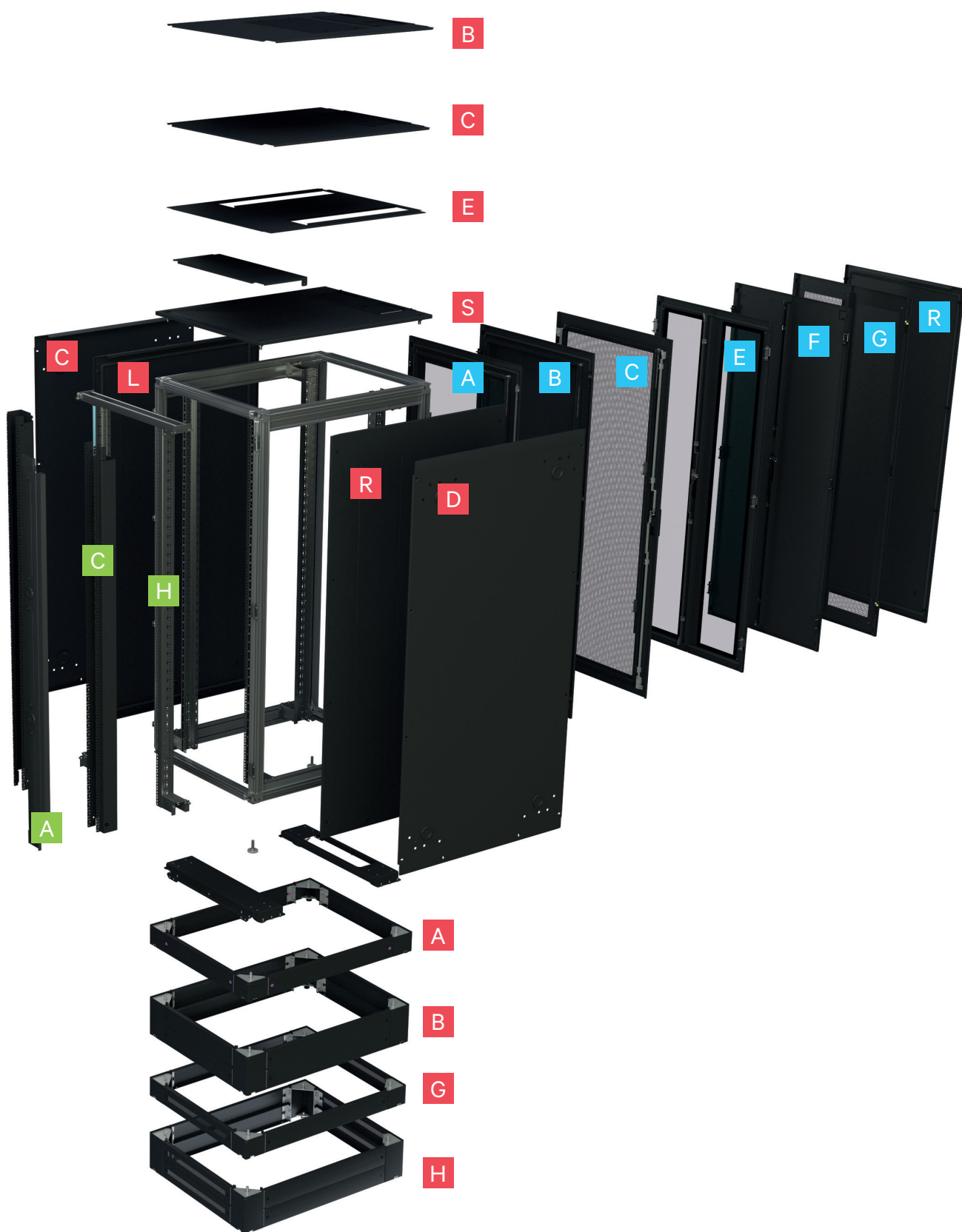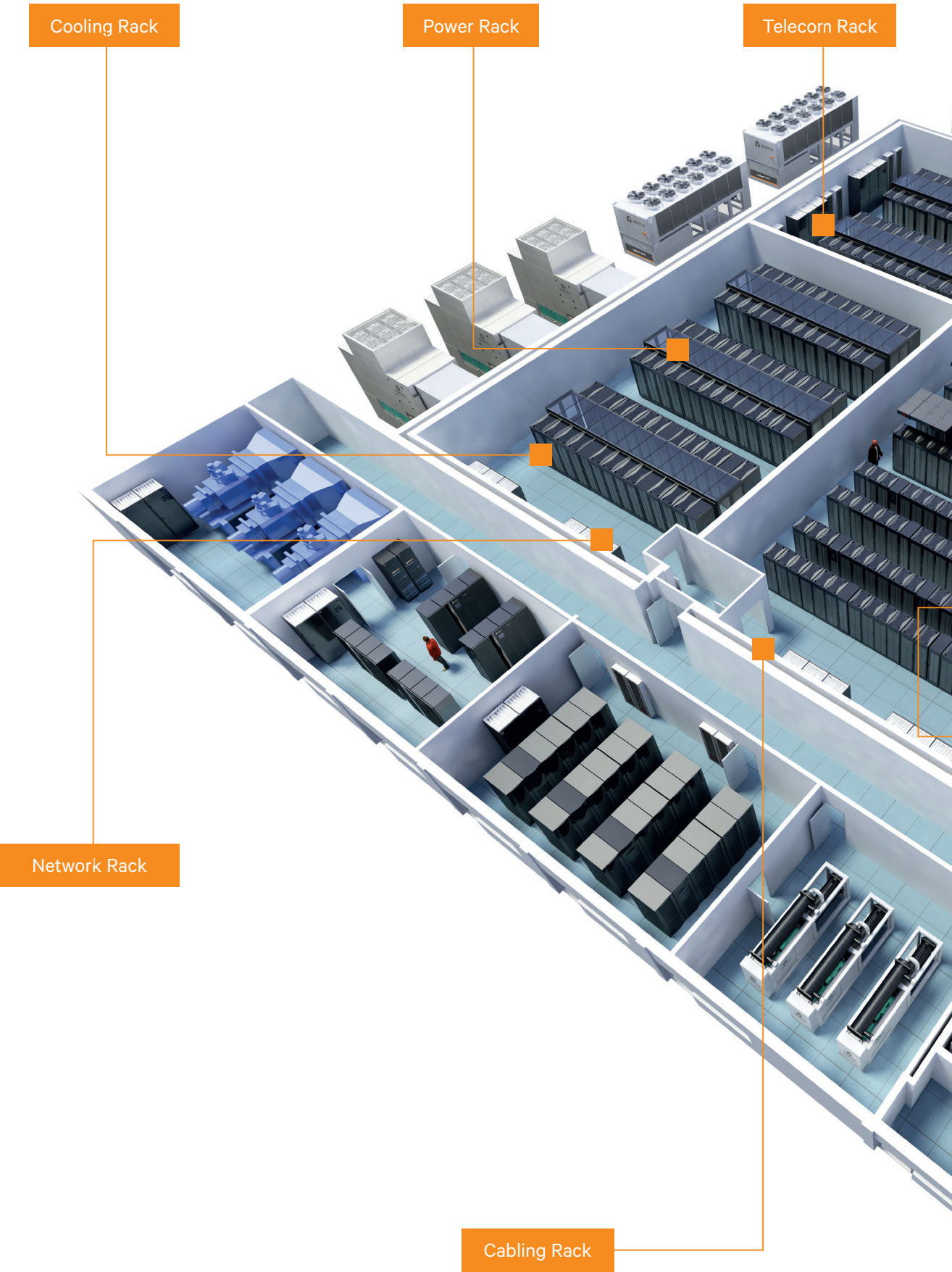| Option Matrix	Rack Height (2)	Rack Width (3)	Rack Depth (4)	Front Door (5)	Rear Door (6)	19" Vertical Extrusion Front (7)	19" Vertical Extrusion Rear (8)	Top Cover (9)	Plinth (10)	Side Panel (11)	Packaging (12)	Jumpering Depth/ Installation Depth Front (13)	Free (14)	Color (15)
N= Vertiv Knürr MIR2 Rack	B= 42 U	6= 600 mm	C= 800 mm	A= Glass single door right	A= Glass single door right	A= 19" vertical server extrusion with air partition and 3x1 U cut-outs	H= 19" vertical extrusion with mounting holes	B= Top Cover, with cut out for fan units, with cable inlet rear	A= Plinth, stationary 100mm, all sides closed	B= Both sides	X = Standard packaging	A= 80/740mm	X	1= RAL 7035
	D= 47 U	8= 800 mm	D= 900 mm	B= Sheet steel single door right	B= Sheet steel single door right	B= 19" vertical server extrusion with air partition	S= 19" vertical server extrusion	C= Top cover with cable inlet rear	B= Plinth, stationary 200mm, all sides closed	C= Partitioning wall fixed right		C= 115/740mm		8= RAL 7021
			E= 1000 mm	C= Perforated single door	C= Perforated single door	C= 19" vertical server extrusion with cable management	X= Without 19" extrusions	E= Top cover short with lateral cable inlet closed	F= Without plinth. Adjustable feed only	D= Partitioning wall fixed left		D= 123/740mm		X= blank
			F= 1100 mm	D= 180° perforated single door right	D= 180° perforated single door right	H= 19" vertical extrusion with mounting holes		G= Top cover short	G= Plinth, stationary 100mm, with vent slots	L= Left		E= 200/740mm		
			G= 1200 mm	E= Glass double door	E= Glass double door	S= 19" vertical server extrusion		S= Top cover without cut out for fan units, with cable inlet rear, with spacer	H= Plinth, stationary 200mm, with vent slots	R= Right		F= 215/740mm		
				F= Sheet steel double door	F= Sheet steel double door	X= Without 19" extrusions		X= Without top cover	R= Mobile casters	X= Without side panels		G= 150/740mm		
				G= Sheet steel perforated double door	G= Sheet steel perforated double door							Q= 80/565mm		
				H= 180° perforated double door	H= 180° perforated double door							T= 123/565mm		
				M= 180° sheet steel single door right	M= 180° sheet steel single door right							U= 150/565mm		
				N= 180° sheet steel double door	N= 180° sheet steel double door							V= 200/565mm		
				P= 180° glass single door right	P= 180° glass single door right									
				Q= 180°glass double door	Q= 180°glass double door									
				X= Without door	R= rear/front door									
					X= Without door									

SELECT YOUR OPTIONS

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Vertiv™ Knürr® MIR2 Configuration - Technical Overview of selectable options

Overview of all mountable parts

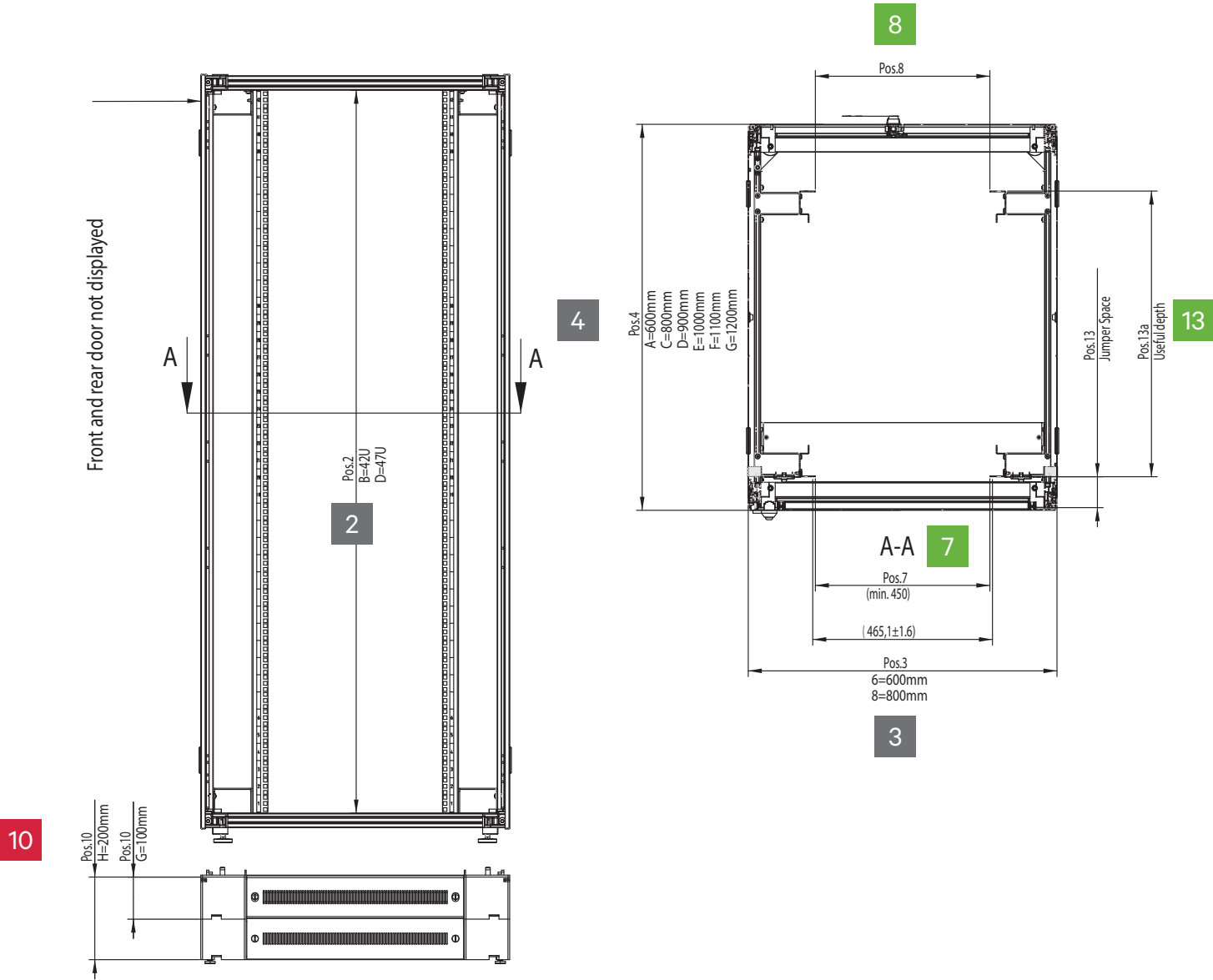| Product	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Product	Height	Width	Depth	Front Door	Rear Door	19" Vertikal Extrusion front	19" Vertikal Extrusion rear	Top Cover	Plinth	Side Panel	Packaging	Jumpering Space	Free	Color

Cooling Rack

Power Rack

Telecorn Rack

Network Rack

Cabling Rack

Colocation Rack

Server Rack

Integrated Racks

Rack Cooling

Rack PDU

KVM Switch

Serial Console

LCD Trays

UPS

Monitoring
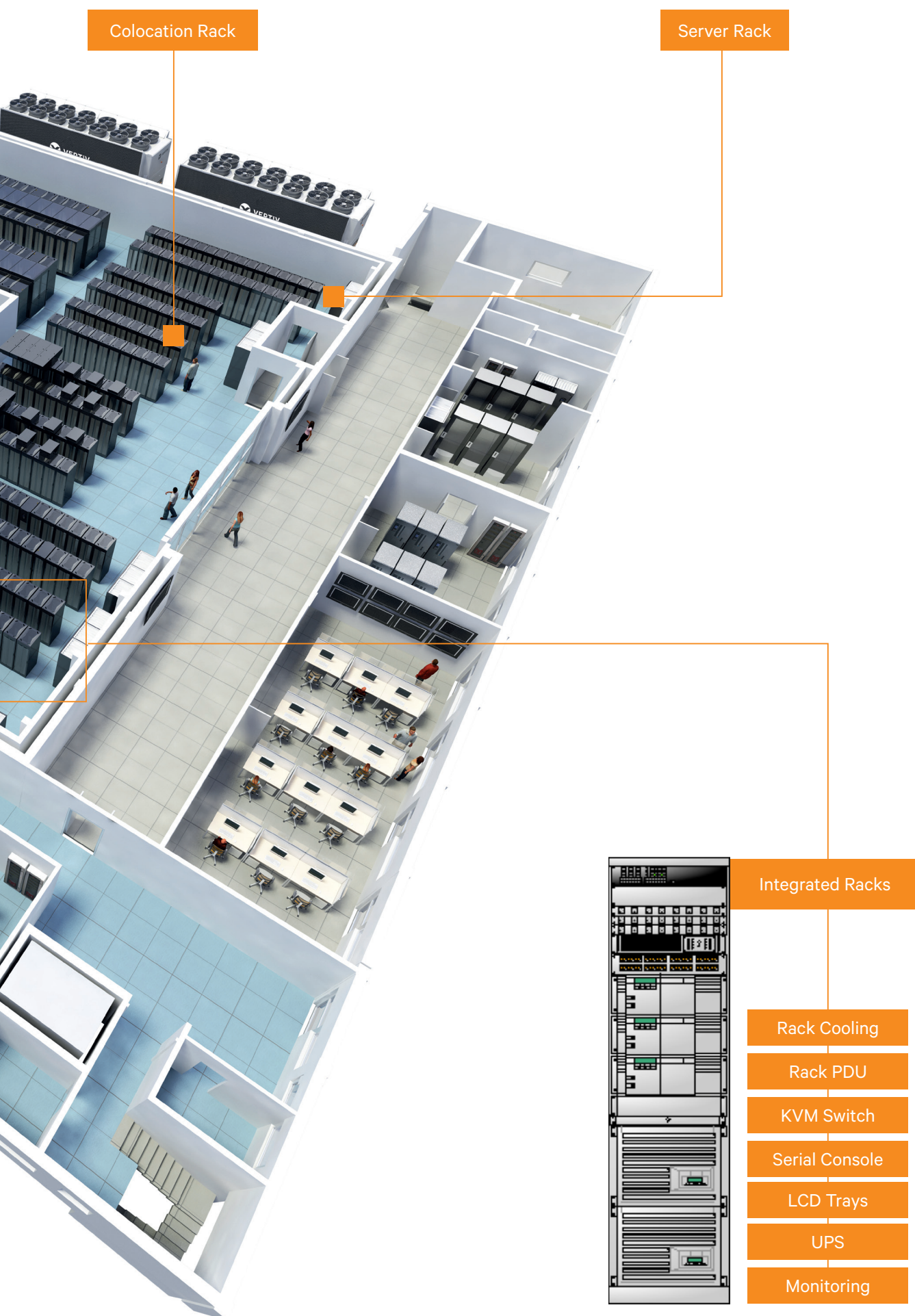
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Vertiv™ Knürr® MIR2 Configuration
Technical Overview of selectable dimensions

Front and rear door not displayed

Pos.2
B=42U
D=47U

Pos.4
A=600mm
C=800mm
D=900mm
E=1000mm
F=1100mm
G=1200mm

Pos.8

Pos.13
Jumper Space

Pos.13a
Useful depth

A-A

Pos.7
(min. 450)

(465,1±1.6)

Pos.3
6=600mm
8=800mm

Pos.10
H=200mm

Pos.10
G=100mm

Product	Height	Width	Depth	Front Door	Rear Door	19" Vertikal Extrusion front	19" Vertikal Extrusion rear	Top Cover	Plinth	Side Panel	Packaging	Jumpering Space	Free	Color
	2	3	4	5	6	7	8	9	10	11	12	13	14	15

ACCESSORIES

Vertiv™ Knürr® MIR2 Accessories

Doms

Material
- Steel sheet: 1.0 mm.

Colour
- digit X of order number .1: RAL 7035 light-grey
- digit X of order number .8: RAL 7021 dark-grey.

Included in delivery
- 1 x door, single, double leaf or rear panel
- Mounting kit.

Delivered
- Pre-assembled.

Note

Perforated doors (83 % free surface) allow for optimum airflow throughout the rack.

IMAGE	DESCRIPTION	VERSION	DIMENSIONS H 2000 mm		DIMENSIONS H 2200 mm	
			W 600 mm	W 800 mm	W 600 mm	W 800 mm
	Steel sheet door with perforation, single leaf	160° opening angle, interal hinges	01.147.803.X	01.147.805.X	01.147.806.X	01.147.808.X
		180° opening angle, external hinges	01.157.092.X-007	01.157.092.X-009	01.157.092.X-010	01.157.092.X-012
	Steel sheet door with perforation, double leaf	160° opening angle, interal hinges	01.147.921.X	01.147.929.X	01.147.922.X	01.147.930.X
		180° opening angle, external hinges	01.157.093.X-007	01.157.093.X-009	01.157.093.X-010	01.157.093.X-012
	Steel sheet door without perforation, single leaf	160° opening angle, interal hinges	01.147.534.X	01.147.536.X	01.147.537.X	01.147.539.X
		180° opening angle, external hinges	01.157.094.X-007	01.157.094.X-009	01.157.094.X-010	01.157.094.X-012
	Steel sheet door without perforation, double leaf	160° opening angle, interal hinges	01.147.570.X-002	01.147.570.X-010	01.147.570.X-003	01.147.570.X-011
		180° opening angle, external hinges	01.157.095.X-007	01.157.095.X-009	01.157.095.X-010	01.157.095.X-012
	Glass door, single leaf	160° opening angle, interal hinges	01.147.540.X	01.147.542.X	01.147.543.X	01.147.545.X
		180° opening angle, external hinges	01.157.090.X-007	01.157.090.X-009	01.157.090.X-010	01.157.090.X-012
	Glass door, double leaf	160° opening angle, interal hinges	01.147.571.X-002	01.147.571.X-010	01.147.571.X-003	01.147.571.X-011
		180° opening angle, external hinges	01.157.091.X-007	01.157.091.X-009	01.157.091.X-010	01.157.091.X-012
	Rear panel		01.157.080.X-003	01.157.080.X-004	01.157.080.X-005	01.157.080.X-006

Air Containment

- The cold/warm area partition can be quickly and easily retrofitted into the rack
- Side cover plates with 2 cut-outs each for cables (for 800 mm wide racks)
- 3 x 1 HE cut-outs, covered with cover plates (only in versions with vents)
- Bolted to the sides of the 19" extrusions (in 800 mm wide racks)

- Sealed off from the side panels or from the same level of adjoining racks
- Foam components allow for infinite adjustability in terms of depth.
- **Material**
  - Steel sheet.
- **Colour**
  - digit X of order number .1: RAL 7035 light-grey

- digit X of order number .8: RAL 7021 dark-grey.
- **Included in delivery**
  - 2 x side cover plates (for 800 mm wide racks)
  - 1 x cover plate, bottom
  - 1 x foam block for the top
  - Mounting kit.
- **Delivered**
  - In sets.

IMAGE	DESCRIPTION	VERSION	DIMENSIONS		DIMENSIONS	
			H 2000 mm		**H 2200 mm**	
			W 600 mm	W 800 mm	W 600 mm	W 800 mm
	Air containment without vents	for Racks with castor brackets	01.147.898.X	01.147.889.X	01.147.899.X	01.147.890.X
		for Racks without castor brackets	01.147.901.X	01.147.895.X	01.147.902.X	01.147.896.X
	Air containment with 3 x 1 HE cover plates, vertical	for Racks with castor brackets		01.147.904.X		01.147.905.X
		for Racks without castor brackets		01.147.907.X		01.147.908.X

Side Panel

- Side panel module for 19" server rack.
- **Material**
  - Steel sheet: 1.0mm.
- **Finish / Colour**
  - digit X of order number .1: RAL 7035 light-grey
  - digit X of order number .8: RAL 7021 dark-grey.
- **Included in delivery**
  - 1 x side panel
  - Mounting kit.
- **Delivered**
  - In sets.

Side panel

H	D	Version	Order No.	Units
2000	600	Side panel	**01.147.871.X-004**	1 unit
2000	800	Side panel	**01.147.871.X-005**	1 unit
2000	1000	Side panel	**01.147.876.X**	1 unit
2000	1100	Side panel	**01.147.877.X**	1 unit
2000	1200	Side panel	**01.147.878.X**	1 unit
2200	600	Side panel	**01.147.871.X-007**	1 unit
2200	800	Side panel	**01.147.871.X-008**	1 unit
2200	1000	Side panel	**01.147.880.X**	1 unit
2200	1100	Side panel	**01.147.881.X**	1 unit
2200	1200	Side panel	**01.147.882.X**	1 unit

Brush Strips for Covers with Cable Entry on the Side

- Brush strip for all covers with cable entry lateral
- For dust-protected and flexible cable entry
- Can be used instead of mounting the sliding covers in the top cover.
- **Included in delivery**
  - 4 x brush strips.
- **Delivered**
  - In sets.

Brush strips for covers

H	Version	Order No.	Units
800	Brush strips	**01.157.016.9-001**	1 unit
1000	Brush strips	**01.157.016.9-003**	1 unit
1100	Brush strips	**01.157.016.9-004**	1 unit
1200	Brush strips	**01.157.016.9-005**	1 unit

Plinth

- Stationary, including levelling options
- Cable entry accessible from all sides
- Removable cover plates
- Installation option for filter mat.

- **Load rating**
  - 10,000 N static.

- **Material**
  - Steel sheet.

- **Colour**
  - digit X of order number .1: RAL 7035 light-grey
  - digit X of order number .8: RAL 7021 dark-grey.

- **Included in delivery**
  - 4 x plinth corners, including levelling feet
  - 8 x cover plates without vents (for a height of 200 mm), 4 x cover plates without vents (for a height of 100 mm)

- 8 x cover plates (for a height of 200 mm, 4 without and 4 with vents), 4 cover plates (for a height of 100 mm, 2 without vents and 2 x with vents)
- Mounting kit.

- **Delivered**
  - In sets.

IMAGE	DESCRIPTION	DIMENSIONS				
		W 600 mm				
		D 600 mm	D 800 mm	D 1000 mm	D 1100 mm	D 1200 mm
	Stationary plinth, 100 mm high, without vents	01.157.055.X-001	01.157.055.X-002	01.147.738.X	01.147.739.X	01.147.740.X
	Stationary plinth, 100 mm high, with vents	01.157.060.X-001	01.157.060.X-002	01.157.060.X-004	01.157.060.X-005	01.157.060.X-006
	Stationary plinth, 200 mm high, without vents	01.157.056.X-001	01.157.056.X-002	01.147.788.X	01.147.789.X	01.147.790.X
	Stationary plinth, 200 mm high, with vents	01.157.065.X-001	01.157.065.X-002	01.157.065.X-004	01.157.065.X-005	01.157.065.X-006

IMAGE	DESCRIPTION	DIMENSIONS				
		W 800 mm				
		D 600 mm	D 800 mm	D 1000 mm	D 1100 mm	D 1200 mm
	Stationary plinth, 100 mm high, without vents	01.157.055.X-007	01.157.055.X-008	01.147.746.X	01.147.747X	01.147.748.X
	Stationary plinth, 100 mm high, with vents	01.157.060.X-007	01.157.060.X-008	01.157.060.X-010	01.157.060.X-011	01.157.060.X-012
	Stationary plinth, 200 mm high, without vents	01.157.056.X-007	01.157.056.X-008	01.147.796.X	01.147.797X	01.147.798.X
	Stationary plinth, 200 mm high, with vents	01.157.065.X-007	01.157.065.X-008	01.157.065.X-010	01.157.065.X-011	01.157.065.X-012

Bottom Plates

- For covering the rack underneath
- With foam rubber seals and brush strips; cable entry at the front and rear.
- For racks with and without castor mounting.

- **Material/Finish**
  - Steel sheet, 1.5 mm, galvanized
  - For foam rubber seals (foam rubber, 50x30 mm).

- **Included in delivery**
  - Bottom plates

- 2 x mounting brackets
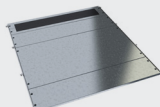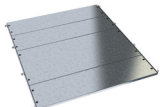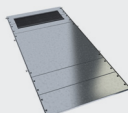- Mounting kit.

- **Delivered**
  - In sets.
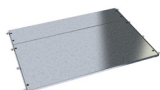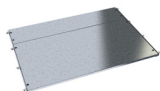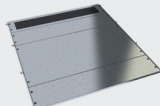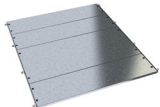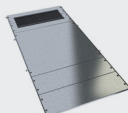
IMAGE	DESCRIPTION	DIMENSIONS			
		W 600 mm			
		D 800 mm	D 1000 mm	D 1100 mm	D 1200 mm
	Bottom plate closed, used with castor bracket	01.157.042.0-001	01.147.834.0	01.147.835.0	01.147.840.0
	Bottom plate for cable entry with foam rubber seal	01.157.041.0-001	01.147.846.0	01.147.847.0	01.147.852.0
	Bottom plate, modular	01.157.040.0-001	01.157.040.0-003	01.157.040.0-004	01.157.040.0-005
	Bottom plate for cable entry with brush strip	01.157.045.0-001	01.157.045.0-003	01.157.045.0-004	01.157.045.0-005
	Perforated bottom plate d 155mm	01.157.025.0-001			

IMAGE	DESCRIPTION	DIMENSIONS			
		W 800 mm			
		D 800 mm	D 1000 mm	D 1100 mm	D 1200 mm
	Bottom plate closed, used with castor bracket	01.157.042.0-003	01.147.838.0	01.147.839.0	01.147.844.0
	Bottom plate for cable entry with foam rubber seal	01.157.041.0-003	01.147.850.0	01.147.851.0	01.147.856.0
	Bottom plate, modular	01.157.040.0-006	01.157.040.0-008	01.157.040.0-009	01.157.040.0-010
	Bottom plate for cable entry with brush strip	01.157.045.0-006	01.157.045.0-008	01.157.045.0-009	01.157.045.0-010
	Perforated bottom plate d 155mm	01.157.025.0-003			

Top Cover

- With cable entry (sliding plates)
- For orderly cable management in the rack.

- **Material**
  - Steel, 1.5 mm.

- **Finish / Colour**
  - digit X of order number .1: RAL 7035 light-grey, powder-coated texture
  - digit X of order number .8: RAL 7021 dark-grey, powder-coated texture.

- **Included in delivery**
  - 1 top panel with cable entry
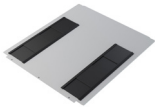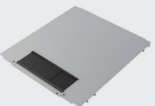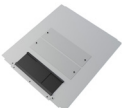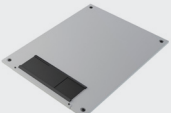 - Mounting kit.

- **Delivered**
  - In sets.
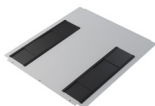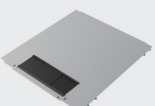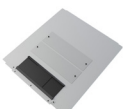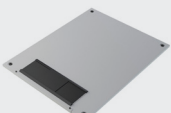
IMAGE	DESCRIPTION	DIMENSIONS				
		W 600 mm				
		D 600 mm	D 800 mm	D 1000 mm	D 1100 mm	D 1200 mm
	Top cover with lateral cable inlet		01.147.570.X	01.147.572.X	01.147.573.X	01.147.574.X
	Top cover with rear cable entry			01.157.050.X-001	01.157.050.X-002	01.157.050.X-003
	Top cover with cut out for fan units and cable inlet rear. Cut out closed with screwed blanking panel.		01.157.052.X-001	01.157.052.X-003		
	Top cover with cably inlet rear and 25 mm raised	01.157.051.X-001	01.157.051.X-002	01.157.051.X-004		
	Top cover, short d 250mm	01.147.268.X				

| IMAGE	DESCRIPTION	DIMENSIONS				
		W 800 mm				
		D 600 mm	D 800 mm	D 1000 mm	D 1100 mm	D 1200 mm
	Top cover with lateral cable inlet		01.147.575.X	01.147.577.X	01.147.578.X	01.147.579.X
	Top cover with rear cable entry			01.157.050.X-004	01.157.050.X-005	01.157.050.X-006
	Top cover with cut out for fan units and cable inlet rear. Cut out closed with screwed blanking panel.		01.157.052.X-004	01.157.052.X-006		
	Top cover with cably inlet rear and 25 mm raised	01.157.051.X-005	01.157.051.X-006	01.157.051.X-008		
	Top cover, short d 250mm	01.147.269.X				

Vertiv™ Knürr® MIR2 - Cable Manager, Vertical
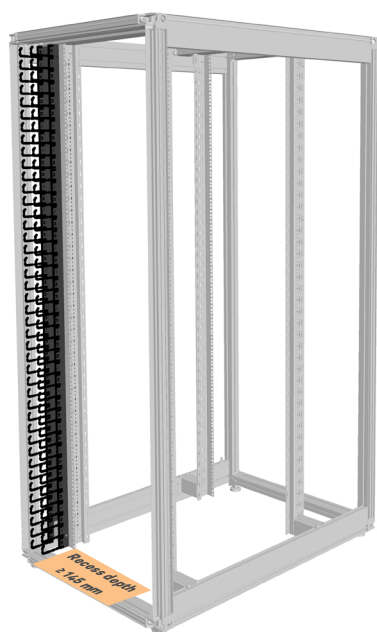
Left and right models (2 cable managers) included in the delivery.

- Ideal for organizing cabling of jumper cables (copper and fiber optic cables)
- Retrofitting is possible
- Prepared for full cold/warm partitioning
- Cable fingers can be easily installed (clipped on)
- Cabling towards the rear through rubber bushings or cutouts.

Can be used for recess depths from 145 mm.
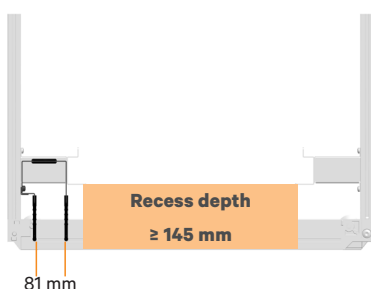
- **Material/Finish**
  - Cable duct: Sheet steel, 2.0 mm
    Final digit of order number .1: powder-coated, RAL 7035 light-grey
    Final digit of order number .8: powder-coated, RAL 7021 dark-grey
 - Cable fingers: Polyamide (UL 94 V-0), black.

- **Standard inclusion**
  - 1 x cable duct, left
  - 1 x cable duct, right
  - 4 x rows with cable fingers
  - 4 x rubber bushings
  - 1 x Mounting kit.

- **Delivery**
  - In pairs (cable fingers unassembled).

W Rac	H Rac	D	U	Recess depth	Cutout size	Order No.	UP
800	2000		42	Starting from 145 mm	81 x 100 mm	**05.045.152.x**	1 pair
800	2200		47	Starting from 145 mm	81 x 100 mm	**05.045.153.x**	1 pair

Vertiv Knürr MIR2 - Cover Panel for Vertical Cable Manager
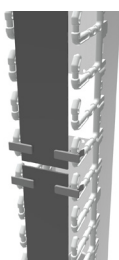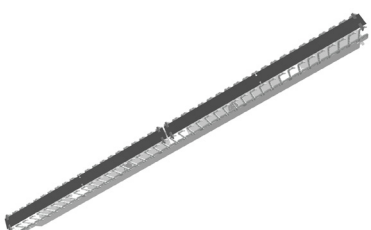
For only 1 cable manager, i. e., 2 kits required for B800 rack.

- Covers the vertical cable manager
- Tool-less fastening – clips onto cable finger
- Can be swiveled on both sides and removed completely.

- **Material/Finish**
  - Cover: sheet steel, 2.0 mm
    Final digit of order number .1: powder-coated, RAL 7035 light-grey
    Final digit of order number .8: powder-coated, RAL 7021 dark-grey
  - Clip: polyamide (UL 94 V-0), black.

- **Standard inclusion**
  - 2 x covers
  - 8 x clips.

- **Delivery**
  - In sets (clips pre-assembled).

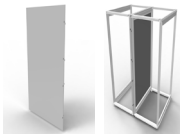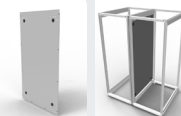| W	H	D	U	Model	Cutout size	Order No.	UP
55	927		42			**05.045.114.x**	1 set
55	103		47			**05.045.115.x**	1 set

Partition Wall

Partition wall for retro-fitting

- For air containment between two fixed adjacent racks
- The partition wall is fitted between two racks and can be inserted from one side of the linking racks
- Guided along the upper rear extrusion of one of the linked racks
- After the partition wall has been inserted, fasteners are bent or welded on one side of the wall and screwed into the vertical T-slot to secure the structure. The rack connectors supplied upon delivery are used on the opposite side.

- **Material**
  - Steel sheet: 1.0 mm.

- **Finish / Colour**
  - digit X of order number .1: RAL 7035 light-grey, powder-coated texture
  - digit X of order number.8: RAL 7021 dark-grey, powder-coated texture.

Mounted partition wall fixed

- For air containment between two fixed adjacent racks
- The partition wall is only mounted on one rack and must be mounted before the other racks are installed
- The partition wall is slotted in at the top of the rear extrusion and attached to the basic rack with quick connectors
- The rack connectors are then fitted to the top and bottom of the frame extrusions from the inside
- Plastic cover extrusions are provided to seal the gap between the two racks. These can be clipped into place at the front and back of the gap.

- **Included in delivery**
  - 1 x partition wall
  - 1 x set of rack connectors
  - 2 x cover extrusions (for permanently fixed walls only)
  - Mounting kit.

- **Delivered**
  - In sets.

IMAGE	DESCRIPTION	DIMENSIONS			DIMENSIONS		
		H 2000 mm			H 2200 mm		
		D 1000 mm	D 1100 mm	D 1200 mm	D 1000 mm	D 1100 mm	D 1200 mm
	Partition wall for retro-fitting	01.147.644.X	01.147.645.X	01.147.646.X	01.147.647.X	01.147.648.X	01.147.649.X
	Mounted, fixed partition wall	01.147.690.8	01.147.691.8	01.147.692.8	01.147.693.X	01.147.694.X	01.147.695.X

19" Vertical Extrusion with Mounting Holes

- For mounting 19" rack components
- For mounting cable management systems and components
- For mounting slot-in runners, intermediate fixed and pull-out shelves. (no adapter neccesary)
- For mounting drawers.

- **Material / Finish**
  - Steel sheet: 1.5 mm, galvanized.

- **Included in delivery**
  - Front (2 x 19" vertical extrusions with cross beam and 2 x 19" mountings for 600 mm wide racks without cross beam and 19" mountings)
  - Rear (2 x 19" vertical extrusions with 4 x 19" mountings – for 600 mm wide racks without 19" mountings).

- **Delivered**
  - In sets.

W	H	U	DESCRIPTION		ORDER NO.	UNITS
600	2000	42	19" Vertical extrusion, front		**01.157.110.7.003**	1 unit
600	2000	42	19" Vertical extrusion, rear		**01.157.110.7.003**	1 unit
600	2200	47	19" Vertical extrusion, front		**01.157.110.7.004**	1 unit
600	2200	47	19" Vertical extrusion, rear		**01.157.110.7.004**	1 unit
800	2000	42	19" Vertical extrusion, front		**01.157.113.7.003**	1 unit
800	2000	42	19" Vertical extrusion, rear		**01.157.114.7.003**	1 unit
800	2200	47	19" Vertical extrusion, front		**01.157.113.7.004**	1 unit
800	2200	47	19" Vertical extrusion, rear		**01.157.114.7.004**	1 unit
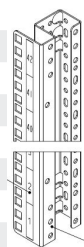
Tilt restraint for Vertiv™ Knürr® MIR2 Racks, Quick Assembly System

MIR20051

- Quick and easy mounting
- Used as required.

- **Included in delivery**
  - 2 x tilt restraints.

- **Delivery**
  - In sets.

	Order No.	Units
	01.127.310.9	2 units

Mounting Adapter for 19" Server Extrusion

DCM20052

- For mounting standard Knürr-components (shelves, drawers, slot-in runners, keypad drawers, etc.) inside 19" racks.

- **Material**
  - Steel sheet: 2.5 mm, galvanized.

- **Included in delivery**
  - 4 x adapters.

W	H	U	Order No.	Units
63	44	1	**01.147.640.9**	1 set

Castor Bracket

Cross beam

- Mobile version: an additional 2 castor mountings with castor including integrated cable entry.

- **Material / Finish**
  - Steel sheet: powder-coated texture.

- **Colour**
  - RAL 7021 dark-grey.

- **Included in delivery**
  - 1 set of castor brackets
  - Mounting kit.

- **Delivery**
  - In sets.

W	Description	Order No.	Units
600	MIR2.0 castor bracket	**01.157.073.8 001**	1 set
800	MIR2.0 castor bracket	**01.157.073.8 003**	1 set

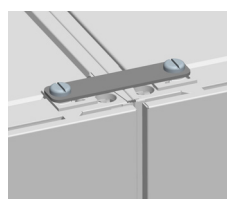## Internal Mounting Rack Connector

MIR00100
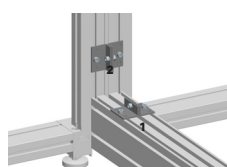
DCM20084

- For mechanical, stable joining of rack and enclosure suites.

- **Material / Finish**
  - Steel sheet: 2 mm, galvanised.

- **Installation positions**

  1. On the horizontal extrusions (top & bottom and front & back)

  2. Vertically on the vertical extrusion (front & back and top & bottom).

- **Included in delivery**
  - 8 x mounting brackets (for connecting 2 racks / frames)
  - Mounting kit.

- **Delivery**
  - In sets.

	Order No.	Units
	01.130.935.7	1 set

Vertiv Knürr Rack Connector Installed on Top


DCM20082

DCM20083

- For mechanical, stable joining of rack and enclosure suites
- Can be installed on racks from the top directly into the die-cast corner piece
- Easy access for installation from the outside.

- **Material / Finish**
  - Steel sheet: 3 mm, galvanized.

- **Included in delivery**
  - 2 x rack connectors (for connecting 2 racks / frames)
  - 4 x knurled screws, M12.

- **Delivery**
  - In sets.

Version	Order No.	Units
30 x 140	**01.147.642.7**	1 set

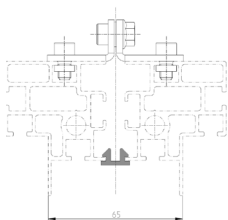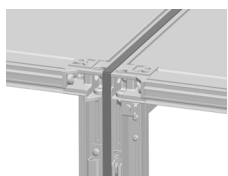## External Mounting Rack Connector
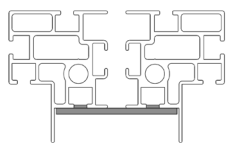
DCM20125
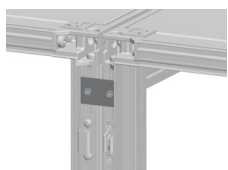
DCM20123x

- For secure connection of several racks
- Front and rear external mounting.

- **Material**
  - Steel sheet: 1 mm, electrogalvanized.

- **Included in delivery**
  - 6 x mounting straps
  - Mounting kit.

Order No.	Units
01.127.114.9	1 set

Cover Extrusion for Rack Suites, IP 20
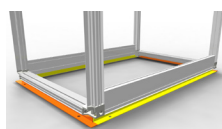

DCM20126

DCM20124

- **Material**
  - PVC extruder cover, black.

- **Included in delivery**
  - 2 x vertical lengths
  - 2 x horizontal lengths.

H	D	U	Order No.	Units
2000	1000	42	01.127.760.9	1 set
2200	1000	47	01.127.761.9	1 set
2000	1200	42	01.127.762.9	1 set
2200	1200	47	01.127.763.9	1 set

Mounting Bracket Fixed

DCM20090

DCM20091

- Fixed
- Sits flush (airtight)
- Evens load distribution on base.

- **Load rating**
  - 15,000 N static.

- **Material**
  - Steel sheet: 3.0 mm.

- **Finish**
  - Powder-coated texture , RAL 7021.

- **Included in delivery**
  - 2 x mounting brackets for depth
  - 2 x mounting brackets for width
  - Mounting kit.

- **Delivery**
  - In sets.

W	H	D	Order No.	Units
600	27	600	01.147.509.8	1 unit
600	27	800	01.147.511.8	1 unit
600	27	1000	01.147.513.8	1 unit
600	27	1200	01.147.515.8	1 unit
700	27	1000	01.147.521.8	1 unit
700	27	1200	01.147.523.8	1 unit
800	27	600	01.147.525.8	1 unit
800	27	800	01.147.527.8	1 unit
800	27	1000	01.147.529.8	1 unit
800	27	1200	01.147.531.8	1 unit

VERTIV.