

## ROV series Distribution racks 19" Optimal

### Description:

19" Distribution Telecommunication and Data Racks are designed for installing patch panels, active components, servers, etc.



### Features:

- Produced in sizes 15-48U
- Width 600 or 800 mm
- Depth 600, 800, 1000 or 1200 mm
- Frame construction; 1.5 mm, 2 mm sheet steel
- Color powder coated RAL (standard RAL 7035, 9005)
- Door with swivel handle lock (single or multipoint); optionally cylinder or digital code lock, other locks on request
- Wide variety of doors: tinted security glass door (as standard front door); optionally steel, perforated steel, vertically divided doors etc.
- Rear panel with module for cable entry as standard; optionally can be replaced by full range of doors (see front door options)
- Reversible door - easy re-hanging to open on right or left (at installation site)
- Door opening angle 180°
- Removable side panels with lock; easy access to installed devices, security, and fast installation and dismantling
- Top, bottom, and rear openings for cable entry (300x100 mm) covered with removable blank panels; racks 800 mm wide have two additional covered cable entry openings (300x100 mm) in both, top and bottom frames
- Top and bottom openings for ventilation units covered with removable blank panels
- Top frame perforated for effective ventilation
- Ventilation unit can be installed in top or bottom frame
- Four sliding 19" vertical extrusions
- Possibility to adapt 800 mm wide racks for installation of 21" equipment (on request)
- Adaptor DP-RE-01 used for modification of 19" accessories for 21" mounting
- Adjustable feet as standard; castors, lockable castors, plinth, or plinth with filter optionally
- GND/earthing kit
- Load rating max. 400 kg balanced load; 600 kg optionally
- Standard protection rating IP30; optionally IP54, IP20 when perforated doors used
- Racks can be installed in blocks

## Specifications:

Code	Load rating in kg	Height (U)	Dimensions in mm				Dimensions including packing in mm			Gross weight in kg
			Height	Width	Depth	Useful depth	Height	Width	Depth	
ROV-15-60/60	300	15	778	600	600	590	960	640	640	50
ROV-18-60/60	300	18	911	600	800	590	1090	640	640	54
ROV-21-60/60	300	21	1045	600	600	590	1230	640	640	59
ROV-24-60/60	300	24	1178	600	600	590	1360	640	640	64
ROV-27-60/60	300	27	1311	600	600	590	1500	640	640	69
ROV-33-60/60	300	33	1578	600	600	590	1760	640	640	78
ROV-36-60/60	400	36	1711	600	600	590	1890	640	640	83
ROV-42-60/60	500	42	1978	600	600	590	2160	640	640	93
ROV-45-60/60	500	45	2111	600	600	590	2290	640	640	98
ROV-48-60/60	500	48	2245	600	600	590	2430	640	640	103
ROV-15-60/80	300	15	778	600	800	790	960	640	840	59
ROV-18-60/80	300	18	911	600	800	790	1090	640	840	64
ROV-21-60/80	300	21	1045	600	800	790	1230	640	840	69
ROV-24-60/80	300	24	1178	600	800	790	1360	640	840	74
ROV-27-60/80	300	27	1311	600	800	790	1500	640	840	80
ROV-33-60/80	300	33	1578	600	800	790	1760	640	840	91
ROV-36-60/80	400	36	1711	600	800	790	1890	640	840	98
ROV-42-60/80	500	42	1978	600	800	790	2160	640	840	107
ROV-45-60/80	500	45	2111	600	800	790	2290	640	840	114
ROV-48-60/80	500	48	2245	600	800	790	2430	640	840	118
ROV-15-60/100	300	15	778	600	1000	990	960	640	1040	72
ROV-18-60/100	300	18	911	600	1000	990	1090	640	1040	79
ROV-21-60/100	300	21	1045	600	1000	990	1230	640	1040	86
ROV-24-60/100	300	24	1178	600	1000	990	1360	640	1040	95
ROV-27-60/100	300	27	1311	600	1000	990	1500	640	1040	104
ROV-33-60/100	300	33	1578	600	1000	990	1760	640	1040	114
ROV-36-60/100	400	36	1711	600	1000	990	1890	640	1040	117
ROV-42-60/100	500	42	1978	600	1000	990	2160	640	1040	130
ROV-45-60/100	500	45	2111	600	1000	990	2290	640	1040	137
ROV-48-60/100	500	48	2245	600	1000	990	2430	640	1040	143
ROV-42-60/120	1000	42	1978	600	1200	1190	2160	640	1240	144
ROV-15-80/60	300	15	778	800	600	990	960	840	640	65
ROV-18-80/60	300	18	911	800	600	590	1090	840	640	70
ROV-21-80/60	300	21	1045	800	600	590	1230	840	640	75
ROV-24-80/60	300	24	1178	800	600	590	1360	840	640	80
ROV-27-80/60	300	27	1311	800	600	590	1500	840	640	86
ROV-33-80/60	300	33	1578	800	600	590	1760	840	640	98
ROV-36-80/60	400	36	1711	800	600	590	1890	840	640	107
ROV-42-80/60	500	42	1978	800	600	590	2160	840	640	115
ROV-45-80/60	500	45	2111	800	600	590	2290	840	640	123
ROV-48-80/60	500	48	2245	800	600	590	2430	840	640	131
ROV-15-80/80	300	15	778	800	800	790	960	840	840	70
ROV-18-80/80	300	18	911	800	800	790	1090	840	840	78
ROV-21-80/80	300	21	1045	800	800	790	1230	840	840	86
ROV-24-80/80	300	24	1178	800	800	790	1360	840	840	90
ROV-27-80/80	300	27	1311	800	800	790	1500	840	840	95
ROV-33-80/80	300	33	1578	800	800	790	1760	840	840	108
ROV-36-80/80	400	36	1711	800	800	790	1890	840	840	117
ROV-42-80/80	500	42	1978	800	800	790	2160	840	840	129
ROV-45-80/80	500	45	2111	800	800	790	2290	840	840	136
ROV-48-80/80	500	48	2245	800	800	790	2430	840	840	142

ROV-15-80/100	300	15	778	800	1000	990	960	840	1040	84
ROV-18-80/100	300	18	911	800	1000	990	1090	840	1040	90
ROV-21-80/100	300	21	1045	800	1000	990	1230	840	1040	96
ROV-24-80/100	300	24	1178	800	1000	990	1360	840	1040	102
ROV-27-80/100	300	27	1311	800	1000	990	1500	840	1040	119
ROV-33-80/100	300	33	1578	800	1000	990	1760	840	1040	136
ROV-36-80/100	400	36	1711	800	1000	990	1890	840	1040	144
ROV-42-80/100	500	42	1978	800	1000	990	2160	840	1040	152
ROV-45-80/100	500	45	2111	800	1000	990	2290	840	1040	160
ROV-48-80/100	500	48	2245	800	1000	990	2430	840	1040	168
ROV-42-80/120	1000	42	1978	600	1200	1190	2160	640	1240	170

### Ventilation Units

- Two to nine fans
- Possible to install:
  - a) In 19" extrusions - vertically or horizontally
  - b) In top and bottom frame of Distribution Rack only ventilation units with 2 to 6 fans
- Connecting kit for ventilation unit is needed when installing in top or bottom frame
- Thermostat in the range 0oC - 60oC included
- Voltage range 230V/50Hz (possibly 48V DC)
- Color black RAL 9005



### 19" Lighting Unit

- Consists of
  - - Fixed part for installation in 19" racks
  - - Telescopic part including tube bulb 230V/50Hz with switch
- Color is black RAL 9005 or upon request other colors from RAL spectrum catalog



### 19" Wire Management Panels

- Produced in heights 1U or 2U
- Front only or both sides manageable
- 5 hooks on each side
- Color is black RAL 9005 or upon request other colors from RAL spectrum catalog



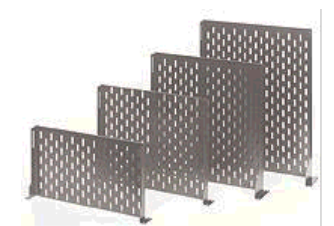
### 19" Blank Panels

- Produced in sizes 1, 2, 3, and 5U
- Color is black RAL 9005 or upon request other colors from RAL spectrum catalog



### 19" Shelves

- Types:
  - a) Fixed
  - b) Telescopic
- Made of 2 mm sheet steel
- Whole surface is perforated for effective ventilation
- Load rating is 30 kg
- Color is black or upon request other colors from RAL spectrum catalog
- Load rating can be increased up to 60 kg when supporting brackets added



### Socket panels

- Types: 19" mounting or free standing
- Used for connecting active devices to power source 220V/50Hz
- Socket panels ACAR are equipped with anti-jamming filter and overvoltage protection .
- EZÚ (Electrotechnical Testing Institute) certified
- Power output: max. 6A, 250V
- We can customize power circuit installations in racks or build socket panels in voltage range up to 220V/50Hz



## Standard Equipment:

- 2 pairs of 19" sliding vertical extrusions
- 1 pair of side panels with lock
- Tinted security glass front door (EN 12150-1) with swivel handle lock
- 4 adjustable feet
- Rear panel with module for cable entry
- GND/earthing kit
- 28 mounting kits

## Ordering code:

**R O V - 1. - 2. / 3. 4. - 5. 6. 7. 8. 9. - 10. 11. 12. - 13.**

An example of a correct Code:

**R O V - 45 - 60 / 6 0 - G V S V A - 3 0 4 - H**

1. HEIGHT		
Code	Height (in U)	External height (mm)
15	15	778
21	21	1045
27	27	1311
33	33	1578
42	42	1978
45	45	2111
48	48	2245

2. WIDTH	
Code	Width (mm)
60	600
80	800

3. DEPTH		
Code	Depth (mm)	Useful depth (mm)
6	600	590
8	800	790
10	1000	990

4. EXTRUSIONS			
Code	Front pair	Rear pair	Note
0	L	L	L-type undivided extrusions

5. FRONT DOOR	
Code	Note
O	Without door <sup>1</sup>
G	Glass door
S	Sheet steel door
P	Perforated sheet steel door <sup>2</sup>
W	Vented door (perforation rate 86%) <sup>2</sup>
	Other

6. FRONT DOOR LOCK	
Code	Note
V	Swivel handle DIN profile, universal key, 333
	Other

7. REAR DOOR / PANEL	
Code	Note
O	Without panel/door <sup>1</sup>
G	Glass door
S	Sheet steel door
P	Perforated sheet steel door <sup>2</sup>
W	Vented door (perforation rate 86%) <sup>2</sup>
Y	Rear panel – single piece
	Other

8. REAR DOOR / PANEL LOCK	
Code	Options
V	Swivel handle DIN profile, universal key, 333
U	Lock for rear panel, universal key
	Other

<sup>1</sup>No IP protection  
<sup>2</sup>IP20 max.

<sup>1</sup>No IP protection  
<sup>2</sup>IP20 max.

9. SIDE PANELS (BOTH SIDES)*	
Code	Note
O	No side panels
A	2 side panels, sheet steel, universal key
	Other

10. IP RATING <sup>1</sup>	
Code	Note
0	IP00
2	IP20
3	IP30

11. PLATES	
Code	Options
O	Top & bottom plates – Integral

12. LOAD RATING		
Code	Load rate (kg)	Note
3	300	for rack heights 15–33U
4	500	for rack heights 42–48U

\* Open side/sides result in no IP protection

<sup>1</sup>According to EN 60 529

13. COLOR	
Code	Note
B	RAL 7035 (light gray)
H	RAL 9005 (black)