The ROF rack is designed to cope with the demanding needs of IT equipment within the data center, equipment room and network or telecommunications closet. The ROF's flexible configuration options mean that it's easy to tailor the solution to your exact requirements. Various height, depth and width options, along with load rating of up to 1000kg, air-flow optimization solutions and flexible cable management mean that it has never been simpler to custom configure a cabinet that meets your requirements.

COLOR SAMPLER: RAL 9005 | RAL 7035

OPTIMAL

ROF-42-80/80

DESCRIPTION

Sizes
- Height: 15, 18, 21, 24, 27, 33, 36, 42, 45, 48U
- Width: 600, 800mm
- Depth: 600, 800, 1000, 1200mm

Construction
- Welded frame construction
- 1.5 & 2.0mm sheet steel

Load rating
- Standard 300kg (15-33U), 400kg (36U) and 500kg (42-48U) for 600, 800 and 1000mm deep racks
- Standard 1000kg for 1200mm deep racks

IP rating
- Standard IP30
- Optionally IP54 (required for A/C unit installation)
- IP20 when perforated doors used

Colors
- Standard RAL 7035 and 9005
- Optionally other colors

Front door
- Tinted security glass door
- Swivel handle lock assembly - single or multipoint, optionally cylinder or combination lock (other locks on request)
- Door opening angle 180°
- Easy re-hanging to open on right or left
- Optionally steel, vented, perforated, glass with perforation, vertically divided door

Rear panel
- Removable with module for cable entry
- Optionally can be replaced by full range of doors

Side panels
- Removable with locks

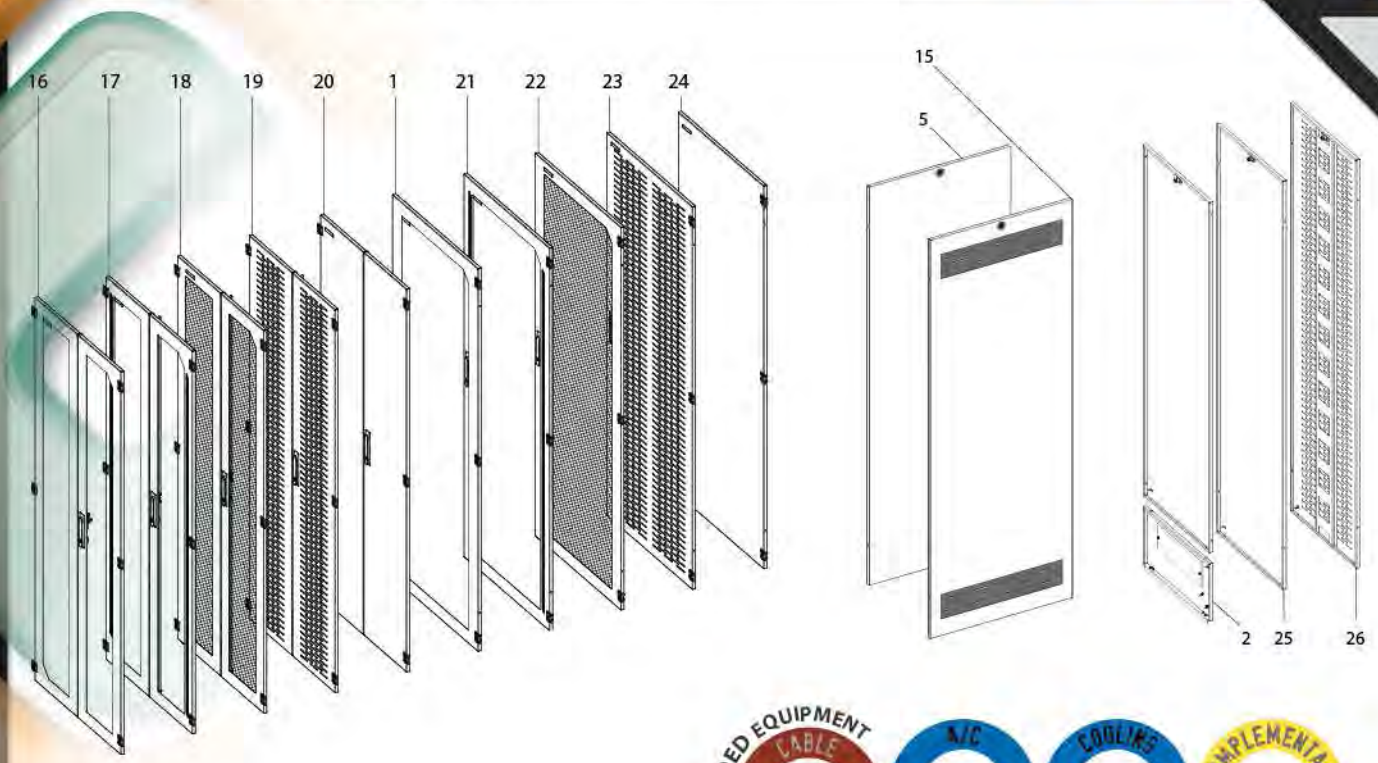
Cable entries (300x100mm)
- Top, bottom and rear plate
- Racks 800mm wide have additional cable entries in top and bottom plate
- All cable entries covered by removable blank panels

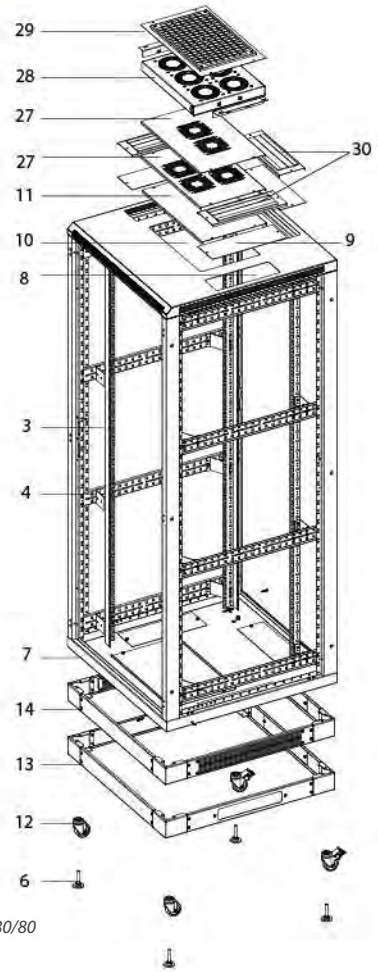
Ventilation unit openings
- Top, bottom plate
- All ventilation unit openings covered by removable blank panels

Feet
- Adjustable feet as standard; castors, lockable castors, plinth, or plinth with filter optionally

Adaptation
- Possibility to adapt for installation of 21" equipment (on request)
- Adaptor DP-RE-01 needed (ordered separately)

Other
- Racks can be installed in blocks by using DP-DR-UNI (ordered separately)
- GND/earthing kit included



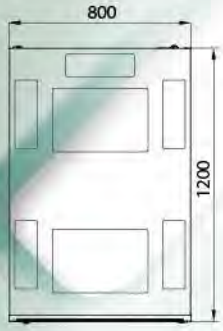


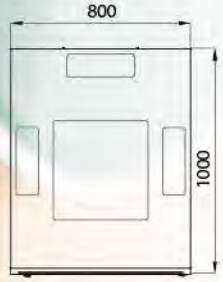
ROF-42-80/80

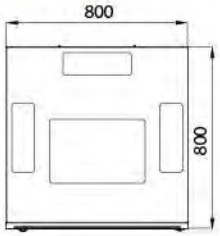
STANDARD EQUIPMENT	
1	Glass door with swivel handle lock
2	Rear panel with module (can be replaced by any door) and lock
3	2 pairs of 19" sliding extrusions
4	Holders of vertical extrusions
5	1 pair of side panels with locks
6	Adjustable feet
7	Frame of rack
8	Top and bottom cable entry openings
9	Blank panels for cable entry openings
10	Top and bottom openings for ventilation unit
11	Blank panels for openings for ventilation unit
-	GND/earthing kit
-	28 mounting kits
OPTIONAL EQUIPMENT (EXAMPLES)	
12	Castors
13	Plinth
14	Plinth with filter
15	1 pair of side panels with perforation
16	Vertically divided glass door *
17	Vertically divided glass door with perforation *
18	Vertically divided vented door *
19	Vertically divided perforated sheet steel door *
20	Vertically divided sheet steel door *
21	Glass door with side perforation
22	Vented door
23	Perforated sheet steel door
24	Sheet steel door
25	Rear panel - 1 piece
26	Rear panel - perforated
27	Perforated gland plate
28	Ventilation unit
29	Connecting kit with filter for ventilation unit
30	Dust-proof panels with brush for cable entry openings

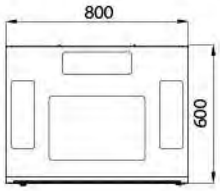
** not available for 600mm wide racks, requires multipoint lock*

Top view

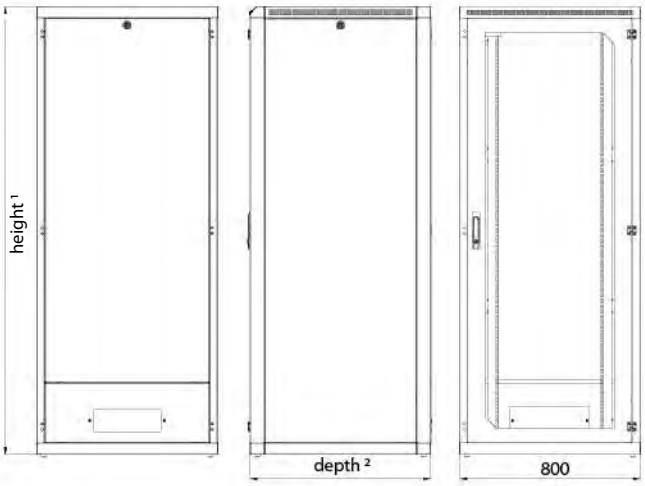




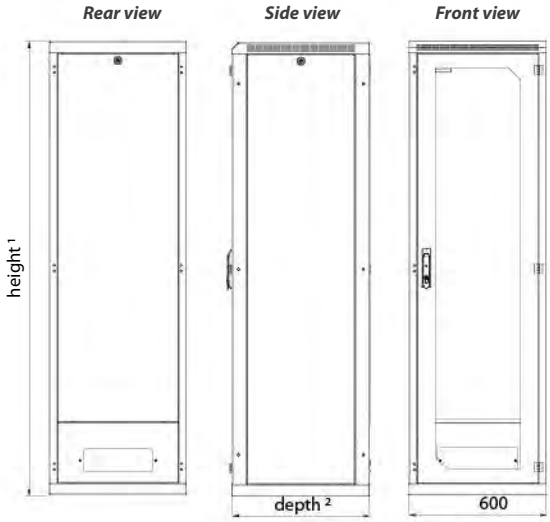




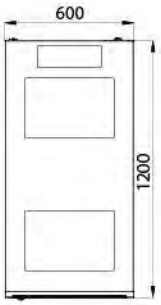
Rear view *Side view* *Front view*

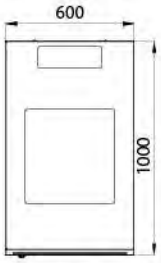


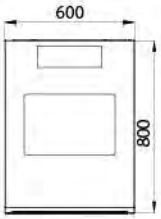
Rear view *Side view* *Front view*

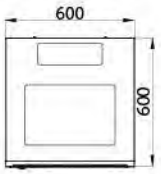


Top view

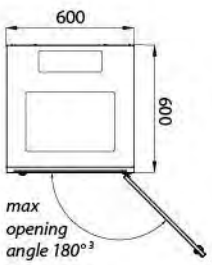


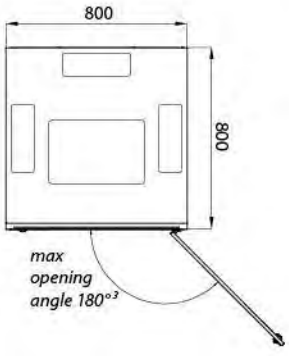






Examples of opened door angle





[1] for available heights please see page 6 (ordering and shipping information), table 1
[2] available depths: 600, 800, 1000, 1200mm
[3] when rear doors applied (rear panel as standard) the max. angle is also 180°

Ventilation unit openings
600, 800mm deep racks - 420x280mm
1000mm deep racks - 420x440mm
1200mm deep racks - 420x280mm (2x)

Cable entries
300x100mm

Note: All dimensions in mm

Code	H in Units	Load rating in kg	Dimensions in mm				Dimensions incl. packing in mm			Gross weight in kg
			H *	W	D	Useful depth	H	W	D	
ROF-15-60/60	15	300	778	600	600	590	960	640	640	50
ROF-18-60/60	18	300	911	600	600	590	1090	640	640	54
ROF-21-60/60	21	300	1045	600	600	590	1230	640	640	59
ROF-24-60/60	24	300	1178	600	600	590	1360	640	640	64
ROF-27-60/60	27	300	1311	600	600	590	1500	640	640	69
ROF-33-60/60	33	300	1578	600	600	590	1760	640	640	78
ROF-36-60/60	36	400	1711	600	600	590	1890	640	640	83
ROF-42-60/60	42	500	1978	600	600	590	2160	640	640	93
ROF-45-60/60	45	500	2111	600	600	590	2290	640	640	98
ROF-48-60/60	48	500	2245	600	600	590	2430	640	640	103
ROF-15-60/80	15	300	778	600	800	790	960	640	840	59
ROF-18-60/80	18	300	911	600	800	790	1090	640	840	64
ROF-21-60/80	21	300	1045	600	800	790	1230	640	840	69
ROF-24-60/80	24	300	1178	600	800	790	1360	640	840	74
ROF-27-60/80	27	300	1311	600	800	790	1500	640	840	80
ROF-33-60/80	33	300	1578	600	800	790	1760	640	840	91
ROF-36-60/80	36	400	1711	600	800	790	1890	640	840	98
ROF-42-60/80	42	500	1978	600	800	790	2160	640	840	107
ROF-45-60/80	45	500	2111	600	800	790	2290	640	840	114
ROF-48-60/80	48	500	2245	600	800	790	2430	640	840	118
ROF-15-60/100	15	300	778	600	1000	990	960	640	1040	72
ROF-18-60/100	18	300	911	600	1000	990	1090	640	1040	79
ROF-21-60/100	21	300	1045	600	1000	990	1230	640	1040	86
ROF-24-60/100	24	300	1178	600	1000	990	1360	640	1040	95
ROF-27-60/100	27	300	1311	600	1000	990	1500	640	1040	104
ROF-33-60/100	33	300	1578	600	1000	990	1760	640	1040	114
ROF-36-60/100	36	400	1711	600	1000	990	1890	640	1040	117
ROF-42-60/100	42	500	1978	600	1000	990	2160	640	1040	130
ROF-45-60/100	45	500	2111	600	1000	990	2290	640	1040	137
ROF-48-60/100	48	500	2245	600	1000	990	2430	640	1040	143
ROF-42-60/120	42	1000	1978	600	1200	1190	2160	640	1240	144
ROF-15-80/60	15	300	778	800	600	990	960	840	640	65
ROF-18-80/60	18	300	911	800	600	590	1090	840	640	70
ROF-21-80/60	21	300	1045	800	600	590	1230	840	640	75
ROF-24-80/60	24	300	1178	800	600	590	1360	840	640	80
ROF-27-80/60	27	300	1311	800	600	590	1500	840	640	86
ROF-33-80/60	33	300	1578	800	600	590	1760	840	640	98
ROF-36-80/60	36	400	1711	800	600	590	1890	840	640	107
ROF-42-80/60	42	500	1978	800	600	590	2160	840	640	115
ROF-45-80/60	45	500	2111	800	600	590	2290	840	640	123
ROF-48-80/60	48	500	2245	800	600	590	2430	840	640	131
ROF-15-80/80	15	300	778	800	800	790	960	840	840	70
ROF-18-80/80	18	300	911	800	800	790	1090	840	840	78
ROF-21-80/80	21	300	1045	800	800	790	1230	840	840	86
ROF-24-80/80	24	300	1178	800	800	790	1360	840	840	90
ROF-27-80/80	27	300	1311	800	800	790	1500	840	840	95
ROF-33-80/80	33	300	1578	800	800	790	1760	840	840	108
ROF-36-80/80	36	400	1711	800	800	790	1890	840	840	117
ROF-42-80/80	42	500	1978	800	800	790	2160	840	840	129
ROF-45-80/80	45	500	2111	800	800	790	2290	840	840	136
ROF-48-80/80	48	500	2245	800	800	790	2430	840	840	142
ROF-15-80/100	15	300	778	800	1000	990	960	840	1040	84
ROF-18-80/100	18	300	911	800	1000	990	1090	840	1040	90
ROF-21-80/100	21	300	1045	800	1000	990	1230	840	1040	96
ROF-24-80/100	24	300	1178	800	1000	990	1360	840	1040	102
ROF-27-80/100	27	300	1311	800	1000	990	1500	840	1040	119
ROF-33-80/100	33	300	1578	800	1000	990	1760	840	1040	136
ROF-36-80/100	36	400	1711	800	1000	990	1890	840	1040	144
ROF-42-80/100	42	500	1978	800	1000	990	2160	840	1040	152
ROF-45-80/100	45	500	2111	800	1000	990	2290	840	1040	160
ROF-48-80/100	48	500	2245	800	1000	990	2430	840	1040	168
ROF-42-80/120	42	1000	1978	800	1200	1190	2160	840	1240	170

** Height in mm without feet; for feet add 16-45mm*

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

ORDERING AND SHIPPING INFORMATION: Configure the rack, which will meet your requirements. The below displayed ordering matrix will help you in creating the part number. As soon as you have the part number, plea se contact your distributor of CONTEG products. Please note, that all **ROF RACKS ARE DELIVERED FULLY ASSEMBLED** and palletized!

FOLLOW THE STEPS TO SET UP DESIRED ROF RACKS PRODUCT CODE!

1 HEIGHT

Code	Height in U	External height in mm
15	15	778
18	18	911
21	21	1045
24	24	1178
27	27	1311
33	33	1578
36	36	1711
42	42	1978
45	45	2111
48	48	2245

2 WIDTH

Code	Width in mm
60	600
80	800

3 DEPTH

Code	Depth in mm	Useful depth in mm
6	600	590
8	800	790
10	1000	990
12	1200	1190

5 FRONT DOOR

Code	Options
0	Without door [1]
G	Glass door
S	Sheet steel door
P	Perforated sheet steel door [2]
T	Glass door with side perforation [3]
W	Vented door (perforation rate 83%) [5]
A	Vertically divided glass door [4] *
B	Vertically divided glass door with side perforation [6] *
C	Vertically divided sheet steel door [4] *
D	Vertically divided perforated sheet steel door [5] *
F	Vertically divided vented door (perforation rate 83%) [5] *
	Other

[1] no IP protection
[2] IP20 max.
[3] IP30 max.
[4] multipoint lock only
[5] multipoint lock only, IP20 max.
[6] multipoint lock only, IP30 max.
** not available for 600mm wide racks*

4 EXTRUSIONS

Code	Front pair	Rear pair	Note
L	L	L	L type undivided extrusions
C	C	C	C type undivided extrusions with rounded cable troughs covered with plastic caps - to be used together with separation frame

6 FRONT DOOR LOCK

Code	Options
1	Swivel handle with electronic lock, universal key
3	Swivel handle with electronic lock, universal key, multipoint
E	Swivel handle with combination lock and universal key
F	Swivel handle with combination lock and universal key, multipoint
G	Swivel handle with combination lock, keyed different
H	Swivel handle with combination lock, keyed different, multipoint
I	Swivel handle with profile half cylinder, universal key
J	Swivel handle with profile half cylinder, universal key, multipoint
K	Swivel handle with profile half cylinder, keyed different
L	Swivel handle with profile half cylinder, keyed different, multipoint
V	Swivel handle DIN profile, universal key, EK 333
W	Swivel handle DIN profile, universal key, EK 333, multipoint
	Other

7 REAR DOOR / PANEL

Code	Options
0	Without panel/door [1]
G	Glass door
S	Sheet steel door
P	Perforated sheet steel door [2]
T	Glass door with side perforation [3]
W	Vented door (perforation rate 83%) [5]
A	Vertically divided glass door [4] *
B	Vertically divided glass door with side perforation [6] *
C	Vertically divided sheet steel door [4] *
D	Vertically divided perforated sheet steel door [5] *
F	Vertically divided vented door (perforation rate 83%) [5] *
Y	Rear panel - single piece [7]
R	Rear panel - divided, with cable entry [7]
Z	Perforated rear panel - single piece [8]
	Other

[1] no IP protection
[2] IP20 max.
[3] IP30 max.
[4] multipoint lock only
[5] multipoint lock only, IP20 max.
[6] multipoint lock only, IP30 max.
[7] lock code U or X only
[8] lock code U or X only, IP20 max.
** not available for 600mm wide racks*

8 REAR DOOR / PANEL LOCK

Code	Options
1	Swivel handle with electronic lock, universal key
3	Swivel handle with electronic lock, universal key, multipoint
E	Swivel handle with combination lock and universal key
F	Swivel handle with combination lock and universal key, multipoint
G	Swivel handle with combination lock, keyed different
H	Swivel handle with combination lock, keyed different, multipoint
I	Swivel handle with profile half cylinder, universal key
J	Swivel handle with profile half cylinder, universal key, multipoint
K	Swivel handle with profile half cylinder, keyed different
L	Swivel handle with profile half cylinder, keyed different, multipoint
V	Swivel handle DIN profile, universal key, EK 333
W	Swivel handle DIN profile, universal key, EK 333, multipoint
U	Lock for rear panel, universal key
X	Lock for rear panel, keyed different
	Other

9 SIDE PANELS (BOTH SIDES) *

Code	Options
0	No side panels
A	2 side panels, sheet steel, universal key
B	1 side panel, sheet steel, universal key
C	2 side panels, sheet steel, keyed different
D	1 side panel, sheet steel, keyed different
E	2 side panels, sheet steel with perforation, universal key
F	1 side panel, sheet steel with perforation, universal key
G	2 side panels, sheet steel with perforation, keyed different
H	1 side panel, sheet steel with perforation, keyed different
	Other

** open side/sides results in no IP protection; side panels with perforation result in protection rating IP20 max.*

10 IP RATING [1]

Code	Options
0	IP00
2	IP20
3	IP30
5	IP54
A	A/C ready [2]

[1] According to EN 60529
[2] Ready for A/C unit installation; recommended when cooling is planned or required; IP54 when A/C unit installed according to instructions

11 PLATES

Code	Options
0	Top & bottom plates - Integral

12 LOAD RATING

Code	Load rating in kg	Note
3	300	**standard** for racks height 15 - 33U; depths 600, 800, 1000mm
4	400	**standard** for racks height 36U; depths 600, 800, 1000mm
5	500	**standard** for racks height 42 - 48U; depths 600, 800, 1000mm
A	1000	**standard** for racks height 42U; depth 1200mm

13 COLOR

Code	Note
B	RAL 7035 (light grey)
H	RAL 9005 (black)

An example of the correct product code

ROF-45-60/6L-WWWWA-205-H