EmiterNet Top-P standing frame server racks (perforated doors)

code: EM/NDB-6042CZ-P

EM/NDB-8042CZ-P

Description and Technical Characteristics of the Product:

The framework of the rack is made of steel sheet.

Bolted frame made of steel profiles, adapted to be placed on horizontal legs or mounted on a plinth. A ventilation panel in the roof with 4 fans and a thermostat. The frame includes three cable entry holes (250x40mm).

4 levelling feet.

Sheet metal front door, perforated, with 1-point lock equipped with a rotary lever, mounted on hinges that allow the door to open 180 degrees.

Sheet metal rear door, perforated, double-leaf with 3-point lock. Side covers made of steel sheet, split (two-part), removable, fastened with single-point locks.

3 horizontal beams used to attach vertical profiles. 4 vertical mounting profiles, minimum distance from the front door 35mm (standard 95mm). Adjustable in 20mm increments.

Fixed shelves attached at 4 points (3 pcs.), 20 mounting screws and a set of 4 fans and a thermostat included as standard.

The cabinets are designed for indoor use.

It is possible to join the racks together in rows (with the use of rack connector EM/JI03/N).

It is possible to use caster wheels (when using caster wheels, the maximum static load capacity must not exceed 150kg).

Can be placed on plinths.

There is an opening in the bottom of the standing racks, where the EM/JD04/SC-CZ grommets can be used (a set of brush grommets for EmiterNet EM/NDB-xxxx series standing racks for the central grommet; RAL 9004 (black); there are three pieces in the set - one large hole is plugged with three small grommets (or a combination with caps, which come with the rack)).

There are also longitudinal grommets in the bottom and roof of the rack, which can be knocked out/cut out (blanked with plates on micro-connectors) and use EM/JD04/S-CZ (EmiterNet EM/NDB-xxxxxxx series brush grommet for standing racks for longitudinal knockout; RAL 9004 (black)). There are two longitudinal grommets in the bottom (front and back) and one in the roof of the rack.

The rack is equipped with 7 grounding points: front door, rear and side door, two points in the bottom and one in the roof. Four grounding cords included as standard.

A wide range of optional equipment, including angle mounting profiles (L-shape) for server rails (EM/PRO-LCZ). The racks are delivered fully-assembled on a wooden pallet, packed in a cardboard box (cap and sleeve shipping box), wrapped in stretch.

In the racks with width of 800mm the solutions were used to increase the rigidity of the structure and the strength of the cabinet:
- horizontal beams with a modified design, allowing for the installation of spacer profiles with 6 screws (installation with 4 screws as standard);
- vertical mounting profiles additionally attached to the roof and bottom.

Technical parameters:

Standard colour RAL: 9004

Perforated front door with right and left side mounting option equipped with 1-point lock
Perforated double-leaf rear door with 3-point lock
Side split guards (two-piece)

Two 19" mounting planes (with the possibility of building more)

Ingress protection class: IP 20 (does not apply to the racks with brush grommets installed).

Equipment - installation kit:

4 x cable grommet plate
4x ground cord

2 x side and rear wall key

2 x front door key
4x legs
In addition - a good deal:

3 shelves (2.0mm) FOR FREE
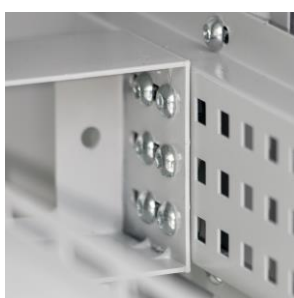
a set of 20 screws FOR FREE

fan 4 pcs. + thermostat FOR FREE

Markings:

code	Maximum carrying capacity[1]	width [mm]	depth [mm]	height U/mm	weight
EM/NDB-6042CZ-P	700 kg	600	1000	42/1980	140 kg
EM/NDB-8042CZ-P	1000 kg	800	1000	42/1980	160 kg

[1]Maximum static load carrying capacity, with mounting profiles in the factory-set position and symmetrical load on the appropriate number of shelves fixed at four points; the load carrying capacity of the cabinet may be reduced under other conditions; the load carrying capacity was determined on the basis of the tests performed for EM/SH05xxxxx type racks with identical design
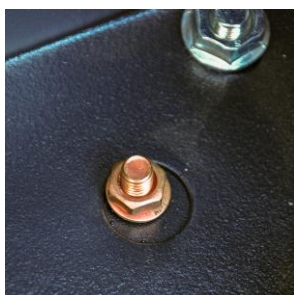
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Design features of EmiterNet standing racks with standard equipment :
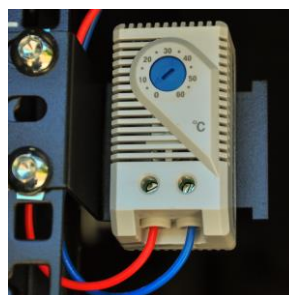(Some photos show pre-production models in grey)

reinforced side beams, allowing for vertical profiles to be mounted with 6 screws
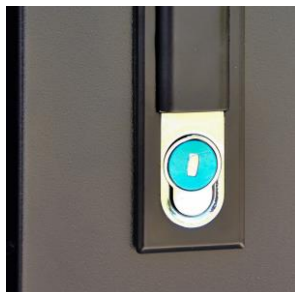(in the racks with width of 800mm)

additional fixing of vertical mounting profiles to the roof and bottom to special profiles strengthening the rigidity and load capacity of the rack
(in the racks with width of 800mm)

7 grounding points: front door, rear door, both side doors, bottom in two places, roof)

fan panel in the roof with thermostat (2 or 4 fans depending on the rack model)

... locks on rear and side doors

shelves

grommets in the bottom and in the roof

ventilation holes to improve equipment cooling