



RKF5-UUS-L0TA FreeNet Series Standing Type 19" Rack Cabinets

(Front Door: Curved Single Perforated, Rear Door: Double Perforated)

OVERVIEW

Zemecs FreeNet RKF5-UUS-L0TA series 19" standing type rack cabinets are designed and manufactured to accommodate IT hardware and equipments used by corporations of any scale. The front door of the racks is made of curved single perforated sheet metal and rear door is made of double opening perforated sheet metal.

The 80x120cm. racks comply with IEC 60297-2 standard and are offered from 42U to 47U heights. The broad accessory options enable effective utilization and facilitated maintenance of IT systems.

APPLICATIONS

- 19" device installation in data centers and server rooms

FEATURES

- Accommodation of 19" standard hardware
- Steel construction enabling heavy loading of up to 1.500kgs. (standard: 1.000kgs.)
- Available in heights from 42U to 47U; ability to supply at different heights
- 80x120cm.
- Curved %80 perforated single opening front door
- Flat perforated double opening rear door
- Easy to install and remove side panels with latch
- Clear marking of U height on front and rear vertical rails made of galvanized sheet metal
- Cooling units with 2, 4 or 6 fans and temperature control unit
- Simultaneous fitting of jacking feet and casters
- Front and rear doors with metal lock (front: handle type)
- Cable entry from top and bottom panels
- Electrostatic powder coating on all surfaces
- Standard black (RAL9005) chassis; ability to supply at different colours
- Wide choice of accessories
- Standard assembled packaging; ability to supply flat packaging





RKF5-UUS-L0TA FreeNet Series Standing Type 19" Rack Cabinets

(Front Door: Curved Single Perforated, Rear Door: Double Perforated)

GENERAL SPECIFICATIONS

Construction Material	Sheet Steel, DIN EN 10130-99 / DC-01 6112 / DC-7122
Mounting Rails Material	Galvanized steel
Coating	Electrostatic powder coating on all surfaces
Colour	RAL 9005(standard) or RAL 7035
Front Door	%80 Curved Perforated Single
Front Door Opening Angle	135°
Rear Door Type	Perforated Double
Lock	Handle type metal lock in plastic housing
Side Panels	Removable (latches)
Max. # Of Fans	6 (with temperature control unit)
Sheet Metal Thicknesses (mm.)	Frame & Rails: 1,50 Side Panels &Shelves: 1,20 (for standard loading capacity)
Max. Load Capacity	1.500 kg.

MECHANICAL PERFORMANCE

- Complies with EN 61587-1 5.2.1 / 5.2.3
- Static mechanical load test (Performance level SL 12)
- Stiffness test (Performance level ST5)
- Dynamic mechanical load test (Performance level DL4V)
- Resonance point detection test Duration of the test at each frequency was 10 minutes
- Vibration test (Sinus-IEC 60068-2-6:Fc; 2007)
- Shock test (IEC 60068-2-27:Ea; 1987) Performance level DL4S
- Impact test (IEC 60068-2-75:Eh; 2014) (Performance level IK07)
- IEC60917 – IEC 60297 standards

CLIMATIC PERFORMANCE

- Cold (IEC 60068-2-1 :2007;Ab) Temperature Of The Exposure: -25°C +/-3°C
- Dry Heat (IEC 60068-2-2 :2007;Bd) Temperature Of the Exposure: +70°C +/-2°C
- Damp Heat Cyclic (IEC 60068-2-30:2005;Db ; (cyclic 2x), variant 2)

INDUSTRIAL ATMOSPHERE (Performance level A2)

- Salt Mist Test IEC 60068-2-11
- Salt Spray Test TS EN ISO 9227
- Sulphur Dioxide Test and Hydrogen Sulphide Test (IEC 60068-2-42, IEC 60068-2-43 and IEC 60068-2-49)

COMPLIANT STANDARDS FOR MATERIALS

- **Sheet Metal:** TS EN ISO 9001:2008, TS EN 10130 :2006, DIN EN 1030- EQV, BS EN 1030-EQV, NF A36-401
- **Electrostatic Powder Paint:** ISO 9001:2015 ASTM D523, ASTM D2794, DIN EN ISO 2811-1, ASTM D1186/D1400
- **Cooling Modules (Fan Units):** EMC EN55032:2015 & LVD IEC 62368-1:2018
- **Connection Components (screw, nut, washer etc.):** TS EN ISO 7045, TS EN ISO 4032, RoHS IEC 62321
- **Castor Set:** TS EN 12532 , TS EN 12533 , RoHS IEC 62321:2008
- **Locks:** DIN-EN ISO 1043-1 PA6 GFR 30, DIN-EN 1774-ZnAl4Cu1



RKF5-UUS-L0TA FreeNet Series Standing Type 19" Rack Cabinets
(Front Door: Curved Single Perforated, Rear Door: Double Perforated)





PHYSICAL SPECIFICATIONS

Part Nr.	Mounting Rail Height (U)	Inner Height (mm.)	Overall Height (mm.)*	Width (mm.)	Depth (mm.)
RKF5-42S-L0TA	42	1.870,1	1.955	800	1.200
RKF5-45S-L0TA	45	2.003,5	2.088,35	800	1.200
RKF5-47S-L0TA	47	2.092,4	2.177,25	800	1.200

* Without casters or jacking feet

PART NUMBER CODING

Part Nr.	Product Description
RKF5-UUS-L0TF	Zemecs 19" FreeNet Standing Type Rack, Front Door: Curved %80 Perforated Single Door, Rear Door: %80 Perforated Double Door, Black, Flat Packed
RKF5-UUS-L0TA	Zemecs 19" FreeNet Standing Type Rack, Front Door: Curved %80 Perforated Single Door, Rear Door: %80 Perforated Double Door, Black, Assembled

UU: Height
42 42U
45 45U
47 47U

