

BETALINE

Technical data pages by Formrack

Betaline 19" Free Standing Rack
Cabinet Reference Rack:42U 600x1000

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General Features

- Betaline cabinets have four side openable, lockable and easily removable covers.
- The rear and side covers are made by DKP sheet and the front side is made by 4 mm thick, impact-resistant, tempered and smoked-colored glass which is supported by metal frames.
- The frame and corner profiles have screwed structure at the interior surface
- Ventilation can be provided by cooling units with 2 , 4 or 6 fans.
- 42U height option.
- There are four 19" mounting profiles which can be adjusted in depth according to the need in the cabinet
- Mounting profiles have U markings that facilitate the mounting process.
- At the bottom part of the cabinets, there is a sliding and dust-protected brushed cable entry. These entries are available in two locations, from bottom to top.
- Painted by impact-resistant,high strength, electrostatic Ral 9005 texture black color or Ral 7035 gray.
- All test procedures have been carried out and has RoHS, CE, EN 61587-1 standards.

Technical Descriptions

| | |
|------------------------|---|
| Dimensions W*D | : W:600 mm D:1000 mm |
| Available U - Sizes | : 42U |
| Paint Type | : Electrostatic powder paint |
| Standarts | : In accordance with the standard TS EN IEC 61587-1: 2022 / ISO9001-2015 / ISO14001-2015 / ISO 45001-2018 / ISO 27001:2017 / RoHS / UL 2416 |
| Material | : Sheet Steel, DIN EN 1030-99 / DC-01 6112 / DC-7122 |
| Load Carrying Capacity | : 1200kg / 2 645.55lbs |
| IP rating | : IP20 |
| Available Colors | : Ral 9005 Black / Ral 7035 Light Gray (Contact your sales representative for different colors) |

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■ RAL 9005



■ RAL 7035



DOORS

Front Doors



Single Glass Door



Single Perforated Door



Double Perforated Door

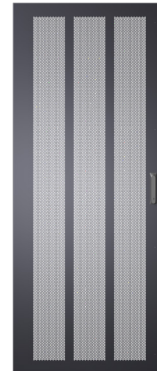
Rear Doors



Single Solid Metal Door



Double Solid Metal Door



Single Perforated Door



Double Perforated Door

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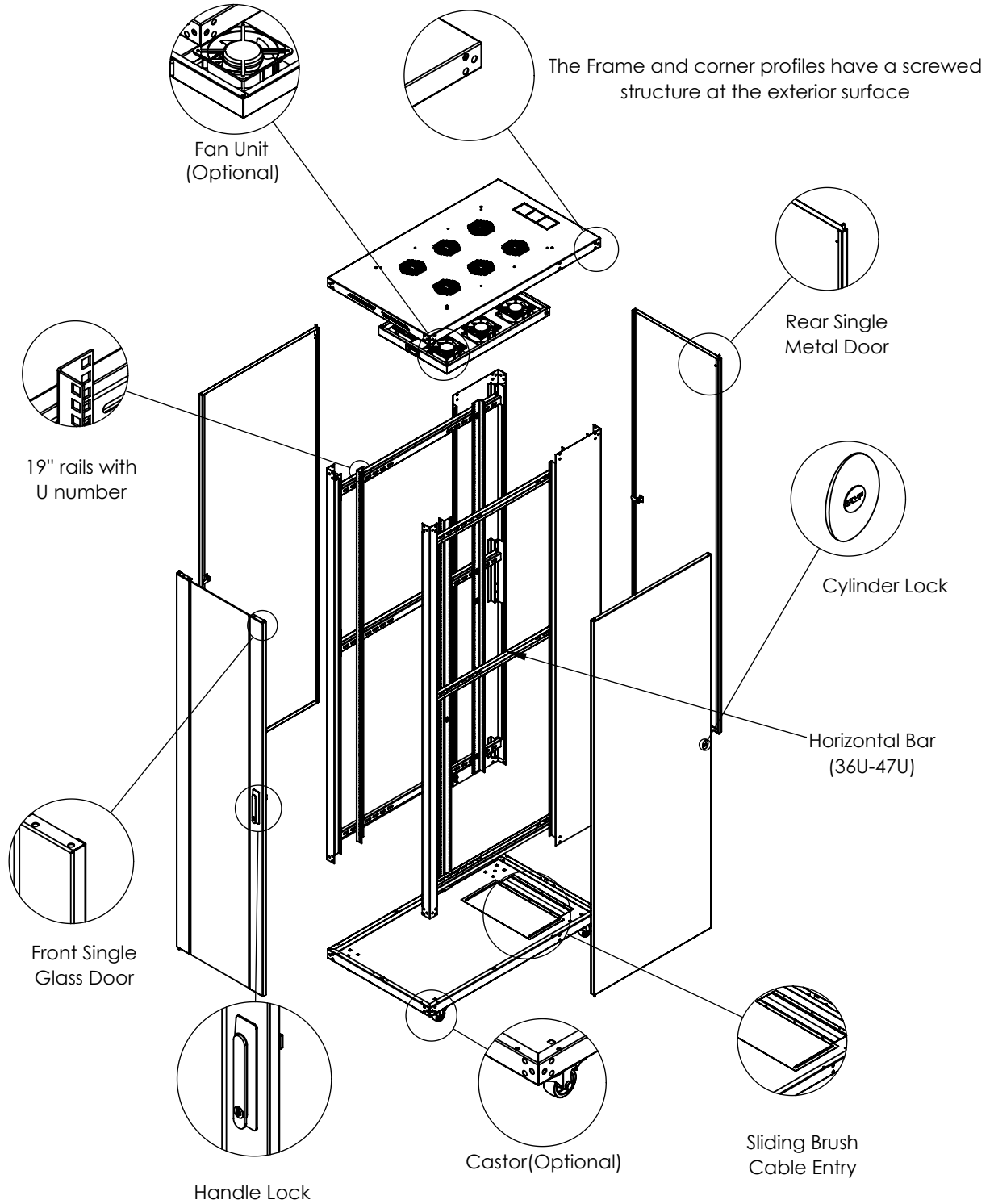
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Exploded View



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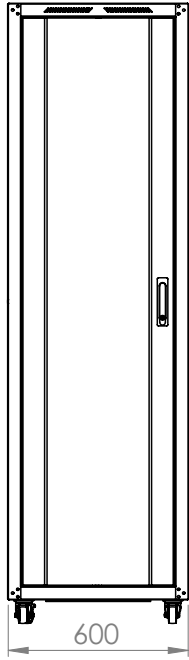
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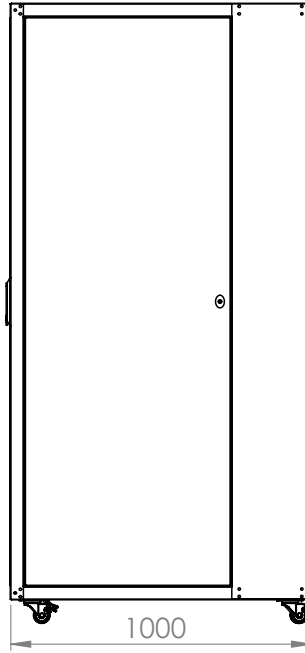
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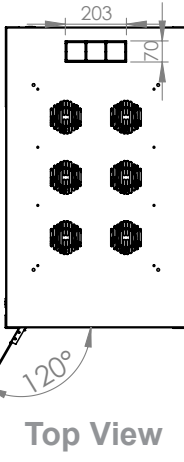
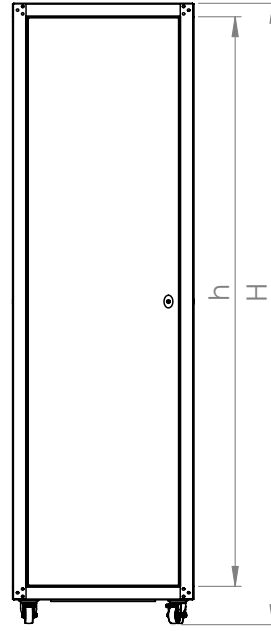
Front View



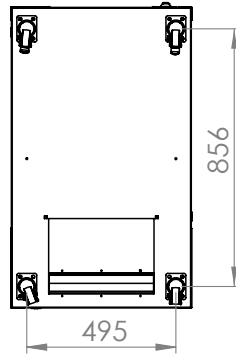
Side View



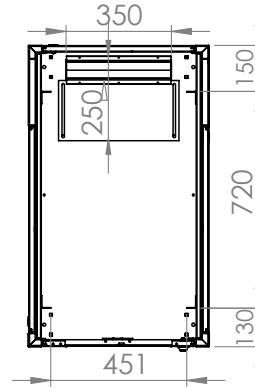
Back View



Top View



Bottom View



Detail View

| Product Number | Product Name | Dimensions (WxDxH) (mm) | U | H (mm) | h (mm) | Weight (kg) |
|--------------------|---|-------------------------|----|--------|--------|-------------|
| FORM BETA-42U60100 | 42U 600x1000 BETALINE FREE STANDING CABINET | 600x1000x2096 | 42 | 2096 | 1870 | 86 |

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STANDARDS

PROTECTION INDEX

- IP20 According to TS 3033 EN 60529
- IP20 :Rigid test rod diameter of 12 mm, 80 mm long (as specified by the standard) is pushed against any openings of the enclosure with the force of 10N

MECHANICAL PERFORAMANCE

- EN 61587-1 5.2.1 / 5.2.3
- Static mechanical load test (Performance level SL06)
- Resonance point detection test IEC 60068-2-6
- Rolling Test (TS EN IEC 61587-1)
- Vibration test (IEC 60068-2-6)
- Shock test IEC 60068-2-27)

CLIMATIC TESTS (Performance level C2)

- Cold (IEC 60068-2-1) Temperature of the exposure: -25°C +/-3°C
- Dry heat (IEC 60068-2-2) Temperature of the exposure: +70°C +/-2°C
- Damp heat cyclic (IEC 60068-2-30)

INDUSTRIAL ATMOSPHERE (Performance level A2)

- Sulphur dioxide test and hydrogen sulphide test IEC 60068-2-42, IEC 60068-2-43, IEC 60068-2-49

GROUNDING CONTINUITY

EN 61587-1 / EN 61010-1

The continuity of the protection circuit is in accordance with the standard regulations, measured resistance was less than 0.1 Ohm.

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; Ral:9005 or Ral:7035.

VENTILATION UNITS (Fan Unit) TS EN 62368-1:2020 — AC:2020 — A11:2020

TEMPERED SAFETY GLASS “ EN 12150 – 2 Glass, Tempered, secure ” Mechanical strength test result: Bending strength minimum 120 N/ mm²

CONNECTION COMPONENTS (screw, nut, washer etc.)“ TS EN ISO 7045; TS EN ISO 4032; RoHS IEC 62321 ”

WHEEL SET “ TS EN 12532 , TS EN 12533 , RoHS IEC 62321:2008”

LOCKS SYSTEMS “DIN-EN ISO 1043-1 PA6 GFR 30; DIN-EN 1774-ZnAl4Cu1.