

D-META 2 Datasheet

600x450, 600x600

Highlights

Safety class rating IP20
Available in heights from 4U up to 20U
Load capacity 100 kg
Lockable safety-glass door
Powder painted RAL7035 or RAL9005



FEATURES

- Safety class rating IP20
- Available in 4U, 6U, 9U, 12U, 15U, 18U and 20U heights
- Mono-block welded top and bottom cases.
- Powder painted in RAL 7035 or RAL 9005
- 4mm impact resistant smoked glass
- 3 grounding points (bottom, side panel and front door)
- Side panels: Easily opened from the inside with the screw system.
- 19" galvanized profile rails marked with U height position
- Roof is prepared for fan units (punched out entries)

PRODUCT OVERVIEW

D-META 2 Series wall mounted cabinets are designed to be durable, easy to install and economical. Reduce costs for shipping with flat-pack packageability. Thanks to its easy and simple installation, it is a complete work-facilitating product.

D-META 2 series is available in 4U, 7U, 9U, 12U, 15U, 18U and 20U heights with 600x450mm or 600x600mm sizes. Stability is given due to the welding spots. Side sections are detachable and installation on the wall is easy so it can be implemented quickly. Lockable safety-glass door. 210° door opening angle. 1-point locking mechanism on the front door.

19" galvanized profile rails mounted on the front side inside of the cabinet. 600mm depth cabinets have 19" profile rails both on the front and rear side. (Rear rails fixed for 600mm depth cabinets)

There are pre-punched cable entries 70mmx146mm on top & bottom and 100mmx250mm on rear chassis. Top case has a ready Forced Ventilation (Fan Module) integration area. This area is with pre-punched slots even without Fan integration provides passive heat removal function via convection.



Description

Feature	Values
Heights	4U, 7U, 9U, 12U, 15U, 18U, 20U
Width	600mm
Depth	600mm, 450mm
Construction	▪ Monobloc Frame Design ▪ 1.5, 1.2, 0.8 Mm Zinc-Plated and Sheet Steel
Vertical Extrusions	▪ Standard 2 pairs of sliding 19" vertical galvanized equipment mounting rails ▪ Marking and number of every U position
IP Rating	▪ Standard IP20 ▪ IP40 when solid doors, bottom plate, and top covers applied
Load Rating	100kg / 220,46 lbs load capacity
Side panels	▪ Horizontally divided side panels ▪ Removable with lock ▪ Hanging simple installation
Colour	▪ Standard RAL9005 Black, RAL7035 Light Grey ▪ Optional color is available
Materials	Sheet Steel, DIN EN 10130-99 / DC-01 6112 / DC-7122
Grounding Continuity	According to EN 61587-1 / EN 61010-1
Mechanical Performance	▪ EN 61587-1 5.2.1 / 5.2.3 ▪ Static mechanical load test (Performance level SL 12) ▪ Stiffness test (Performance level ST5) ▪ Shock test (IEC 60068-2-27: Ea; 1987) ▪ Performance level DL4S Impact test (IEC 60068-2-75:Eh; 2014) (Performance level IK07)
Mechanical Structures	▪ According to EN 61587-1 Mechanical Structures for Electronic Equipment ▪ EN IEC 60297, 19" Mounting EN IEC 60917 Overall Cabinet Dimensions
Protection Performance	EN/IEC 60529 - IP20 Ingress Protection performance



Mechanical Impact Resistance

EN/IEC 62262 - IK07 Mechanical Impact Resistance

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)

Electrostatic Powder Paint

- ISO 9001:2015 ASTM D523; ASTM D2794.
- DIN EN ISO 2811-1; ASTM D1186/D1400;

Industrial Atmosphere

- Salt mist test IEC 60068-2-11
- Salt Spray Test TS EN ISO 9227

Standards

Standards

Detail

ANSI/EIA-310-E

Electronic Industries Association standard for horizontal spacing, vertical hole spacing, rack opening and front panel width

DIN 41494 Part 1 & 7

Panel Mounting Racks for Electronics Equipment's; Racks and Panels, Dimensions; Dimensions of cabinets and suites of racks

BS EN 60297-3-100:2009

Mechanical structures for electronic equipment. Dimensions of mechanical structures of the 482,6 mm (19inc) series. Basic dimensions of front panels, sub racks, chassis, racks and cabinets

ISO9001, 14001

Management System, Environmental System

RoHS

RoHS compliancy, %100 Recyclable Material

CE

CE conform to EN 60950-1
Information Technology Equipment, Safety, Part-1: General Requirement and EN IEC 62368-1
Audio/Video, Information and Communication Technology Equipment Part 1: Safety requirements

Industries Alliance

- According to ETSI or EIA Standards
EIA-310-D,
EIA/ECA-310-D
EIA/ECA-310-E
19" = 482,6 mm
RU or U= 44,45 mm Height



Product Specification

Feature	Value
Body	▪ Monobloc Frame Design ▪ 1.5, 1.2, 0.8 Mm Zinc-Plated and Sheet Steel
Front Door	▪ Standard single glassed front door ▪ O type lock, DIN profile, universal key 333, multipoint; optional Swivel handle lock, combination lock or electronic locks, single or multipoint ▪ Toolless door installation ▪ Options: For width 600mm ▪ Standard single glass door ▪ Metal solid door or perforated door Please check front door opt. page
Rear Door	▪ Standard solid metal rear ▪ Holes for hanging on the wall ▪ Micro joints for cable entrance ▪ Toolless door installation ▪ Options: For width 600mm ▪ solid metal 150mm add-on module
Paint	High resistance against external impacts. Electrostatic RAL9005 black powder coating, RAL9010 Pure White Power Coating RAL7035 white powder coating (ISO 9001:2015)
Top Panels	▪ Opening for ventilation unit ▪ Optional 1, 2 fan module with or without thermostat controller. ▪ Micro joints for cable entrance
Bottom Panels	▪ Micro joints for cable entrance



19" Mounting Rail

4 pieces and adjustable along the entire depth of the cabinet and thickness 1.5mm, silk screened. There are "U Marks" from top to bottom and from bottom to top for easy device installation, the structure of the mounting rails is manufactured as 1U=44.45 with 9.5x9.5mm square holes with +/- 0.01 precision on CNC punch machines (2 pieces for depth 450 mm panels.)

Side Panels

- Openable side panels from the inside
- Removable with screw
- Hanging simple installation

Grounding

All metal components in the cabin shall be electrically connected and grounded in accordance with IEC 61010-1 / 6.5.1.3. The maximum grounding resistance is 0.1 ohm.

Connection Elements (Bolt, Nuts, Washer, Etc.)

DIN 7985, DIN 965 , DIN 7981 , DIN 934 , DIN 985 , DIN 933 , RoHS

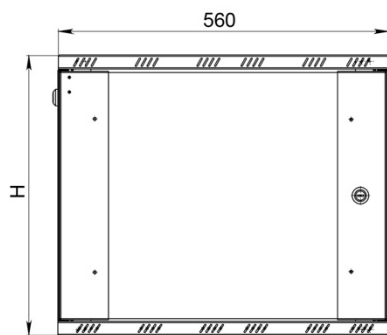
Lock

O type lock, DIN profile, universal key 333, multipoint; optional Swivel handle lock, combination lock or electronic locks, single or multipoint

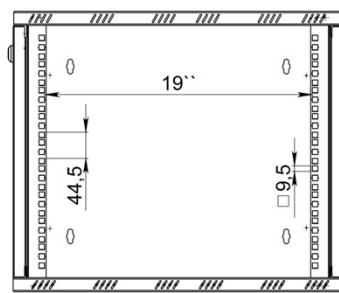
DIN 1743, DIN 53571, RoHS



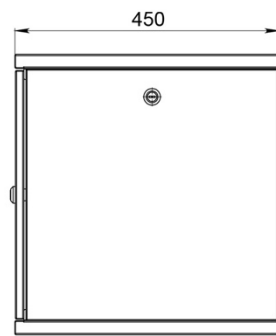
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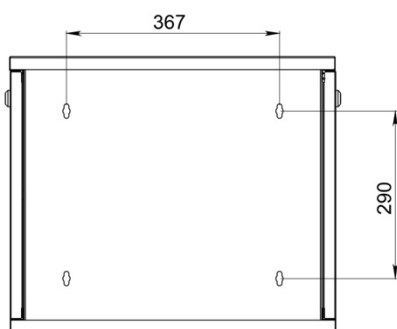
FRONT VIEW



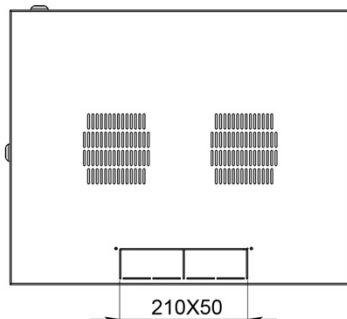
FRONT INTERIOR VIEW



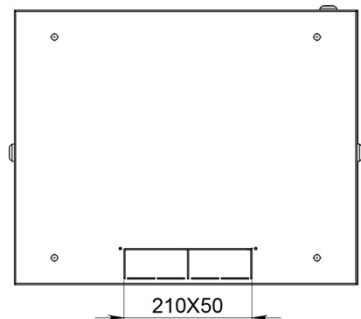
SIDE VIEW



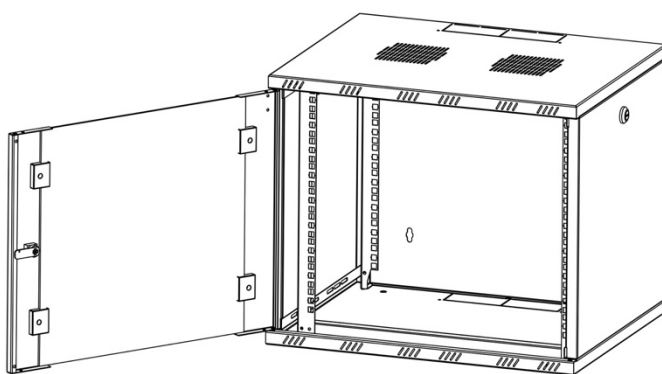
REAR VIEW



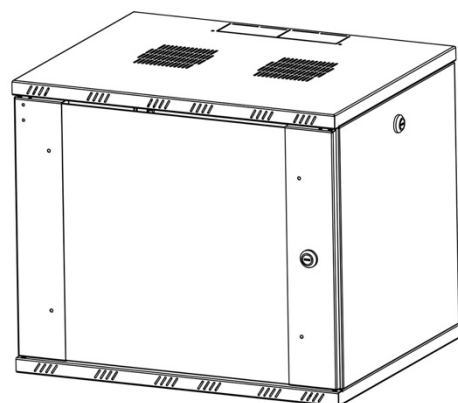
TOP VIEW



BOTTOM VIEW



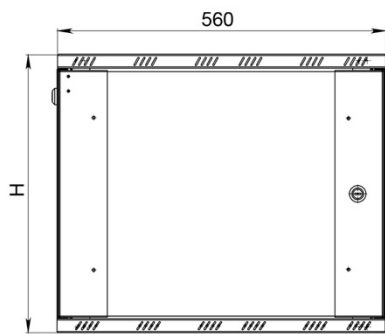
ISO VIEW



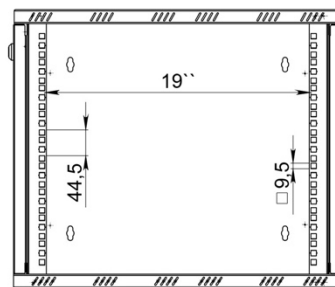
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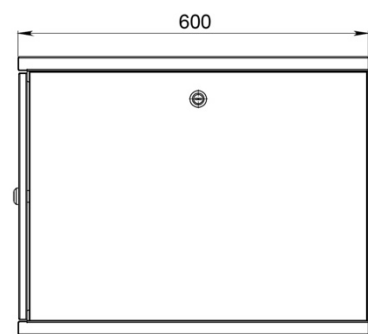
Product Drawings Depth 600mm,



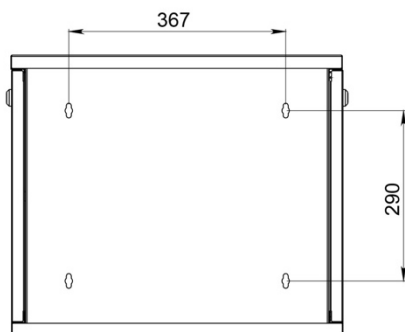
FRONT VIEW



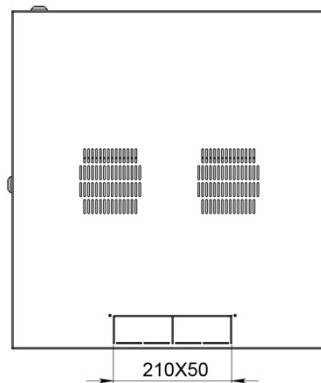
FRONT INTERIOR VIEW



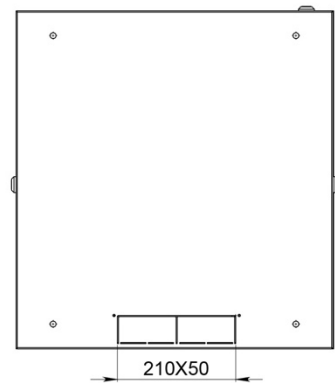
SIDE VIEW



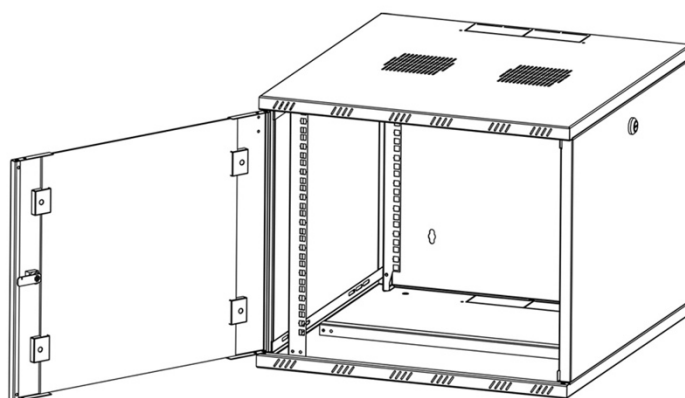
REAR VIEW



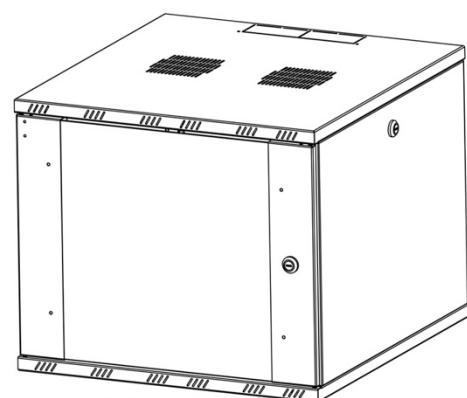
TOP VIEW



BOTTOM VIEW



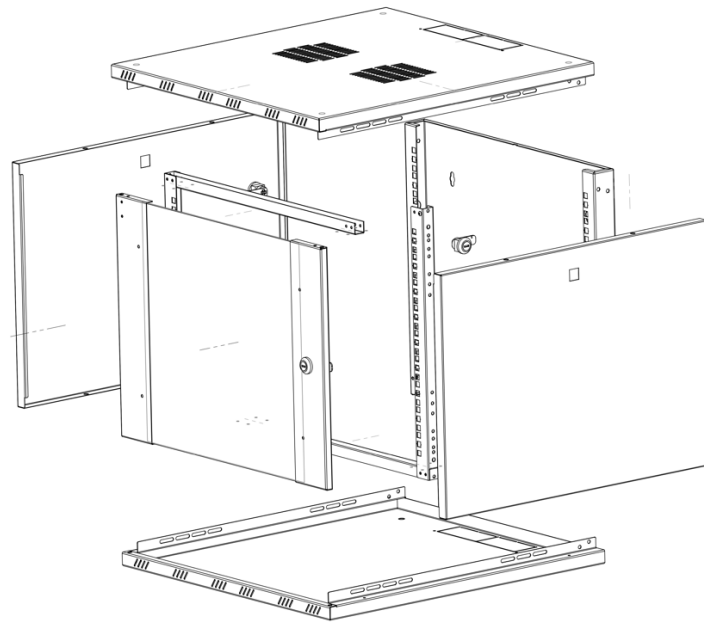
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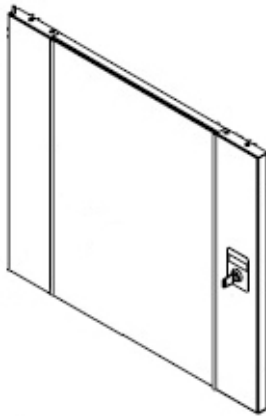
ISO VIEW



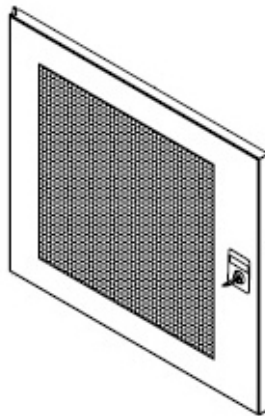
Isometric Drawings



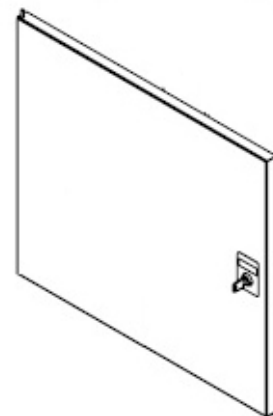
Front Door Option



1. Hinged Glass Single Opening Front Door, Metal Side Frames



2. Hinged %65 Flat Perforated, Single Opening Front Door



3. Hinged Solid Metal Single Opening, Front Door



Logistic Data

600X450

CODE	U	COLOR	RAL	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	WEIGHT (KG)	LOAD CAPACITY (KG)
DM2604504ULG01FP	4	GREY	7035	253	560	450	7	100
DM2604506ULG01FP	6	GREY	7035	342	560	450	10	100
DM2604509ULG01FP	9	GREY	7035	475	560	450	13	100
DM2604512ULG01FP	12	GREY	7035	608	560	450	18	100
DM2604515ULG01FP	15	GREY	7035	742	560	450	24	100
DM2604518ULG01FP	18	GREY	7035	874	560	450	27	100
DM2604520ULG01FP	20	GREY	7035	964	560	450	30	100

600x600

CODE	U	COLOR	RAL	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	WEIGHT (KG)	LOAD CAPACITY (KG)
DM2604504ULG01FP	4	GREY	7035	253	560	600	8	100
DM2604506ULG01FP	6	GREY	7035	342	560	600	11	100
DM2604509ULG01FP	9	GREY	7035	475	560	600	15	100
DM2604512ULG01FP	12	GREY	7035	608	560	600	20	100
DM2604515ULG01FP	15	GREY	7035	742	560	600	26	100
DM2604518ULG01FP	18	GREY	7035	874	560	600	29.5	100
DM2604520ULG01FP	20	GREY	7035	964	560	600	32.5	100

Part Number Table

Part Number	Description
DM2604504ULG01FP	DECKRO 19" D-META-2 SERIES 4U 600X450 Wall Mounted Cabinet, RAL7035
DM2604506ULG01FP	DECKRO 19" D- META-2 SERIES 6U 600X450 Wall Mounted Cabinet, RAL 7035
DM2604509ULG01FP	DECKRO 19" D-META-2 SERIES 9U 600X450 Wall Mounted Cabinet, RAL 7035
DM2604512ULG01FP	DECKRO 19" D-META-2 SERIES 12U 600X450 Wall Mounted Cabinet, RAL 7035
DM2604515ULG01FP	DECKRO 19" D-META-2 SERIES 15U 600X450 Wall Mounted Cabinet, RAL 7035
DM2604518ULG01FP	DECKRO 19" D-META-2 SERIES 18U 600X450 Wall Mounted Cabinet, RAL 7035
DM2604520ULG01FP	DECKRO 19" D-META-2 SERIES 20U 600X450 Wall Mounted Cabinet, RAL 7035
DM2606004ULG01FP	DECKRO 19" D-META-2 SERIES 4U 600X600 Wall Mounted Cabinet, RAL7035
DM2606006ULG01FP	DECKRO 19" D- META-2 SERIES 6U 600X600 Wall Mounted Cabinet, RAL 7035



DM2606009ULG01FP	DECKRO 19" D-META-2 SERIES 9U 600X600 Wall Mounted Cabinet, RAL 7035
DM2606012ULG01FP	DECKRO 19" D-META-2 SERIES 12U 600X600 Wall Mounted Cabinet, RAL 7035
DM2606015ULG01FP	DECKRO 19" D-META-2 SERIES 15U 600X600 Wall Mounted Cabinet, RAL 7035
DM2606018ULG01FP	DECKRO 19" D-META-2 SERIES 18U 600X600 Wall Mounted Cabinet, RAL 7035
DM2606020ULG01FP	DECKRO 19" D-META-2 SERIES 20U 600X600 Wall Mounted Cabinet, RAL 7035

