

# Industrial IP55 600x600 - Free standing



## Description

The IP55 Industrial Series is the ideal solution for free-standing applications in many different sectors: industrial automation and control, power distribution, industrial electronics and data transmission. Designed to guarantee a high degree of IP protection, these cabinets are recommended for use in dusty environments or even where there are substances that could become potentially harmful once installed indoors.

## Technical features

The load-bearing structure, is made of steel sheet profiles, joint together by three-way die-cast aluminum joints, to guarantee exceptional strength. The assembly and disassembly of the complete structure is straightforward and quick. The door can be either blind or in tempered glass. Door is also fitted with a swivel handle lock with four (4) locking points & key. Side and rear panels can be removed by unscrewing their screws. It is compliant to EN 60529 standard, thus offering IP55 degree of protection guaranteed by the polyurethane foam gasket in continuous casting. The Rack Cabinet is supplied fully assembled.

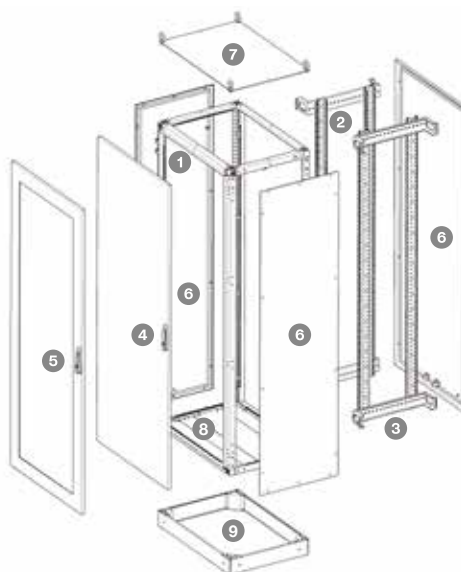
## Technical Specifications

|                     |                                                |                          |                                            |
|---------------------|------------------------------------------------|--------------------------|--------------------------------------------|
| <b>Structure</b>    | Assemblable/disassemblable by means of screws  | <b>Plinth</b>            | 4 pcs. of 100 mm with closing flanges      |
| <b>Material</b>     | 2.0 mm steel sheet                             | <b>Roof</b>              | Removable by means of screws, t=1.5 mm     |
| <b>Static load</b>  | 500 kg                                         | <b>Mounting</b>          | Floor                                      |
| <b>19" uprights</b> | 2 pcs, t=2.0 mm as per IEC 60297-1-2           | <b>Color</b>             | Epoxy powder Gray Polyester RAL 7035       |
| <b>Blind door</b>   | 1.5 mm steel sheet                             | <b>Protection degree</b> | IP55 as per EN 60529                       |
| <b>Glass door</b>   | Glass t=4.0 mm, tempered as per EN 12150-2     | <b>Resistance degree</b> | IK10 (blind), IK08 (glass) as per EN 62262 |
| <b>Side panels</b>  | Removable by means of screws, t=1.2 mm         | <b>Conformity</b>        | RoHS 2 Directive 2011/65 / EU              |
| <b>Rear Panel</b>   | Removable by means of screws, t=1.5 mm         | <b>Certification</b>     | UL 508A / CSA C22.2 No. 14-13              |
| <b>Base</b>         | Removable flanges by means of screws, t=1.5 mm | <b>Certification</b>     | CE as per EN62208                          |
|                     |                                                | <b>Warranty</b>          | 2 years                                    |

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## Construction Drawing

- 1 Assemblable/disassemblable supporting structure
- 2 Depth-adjustable 19" uprights
- 3 Adjustment guide for 19" uprights
- 4 Blind door with swivel handle
- 5 Glass door with swivel handle
- 6 Removable side and rear panels
- 7 Removable roof with lifting eyebolts
- 8 Base with removable flange
- 9 Plinth with closing flange



## Dimensions



## Versions

| P/N    | Description                     | Units | Height* | Width  | Depth  | Color          |
|--------|---------------------------------|-------|---------|--------|--------|----------------|
| 309158 | Industrial IP55 with blind door | 24    | 1300 mm | 600 mm | 600 mm | Grey, RAL 7035 |
| 309159 | Industrial IP55 with blind door | 34    | 1700 mm | 600 mm | 600 mm | Grey, RAL 7035 |
| 309160 | Industrial IP55 with blind door | 42    | 2100 mm | 600 mm | 600 mm | Grey, RAL 7035 |
| 309176 | Industrial IP55 with glass door | 24    | 1300 mm | 600 mm | 600 mm | Grey, RAL 7035 |
| 309177 | Industrial IP55 with glass door | 34    | 1700 mm | 600 mm | 600 mm | Grey, RAL 7035 |
| 309178 | Industrial IP55 with glass door | 42    | 2100 mm | 600 mm | 600 mm | Grey, RAL 7035 |

\* Full height with 100 mm plinth. Other dimensions and configurations are available on request.

## Accessories

| P/N    | Description          | Units | Width | Depth | Color           |
|--------|----------------------|-------|-------|-------|-----------------|
| 309194 | 19" uprights (2 pcs) | 24    | /     | /     | Black, RAL 9005 |
| 309195 | 19" uprights (2 pcs) | 34    | /     | /     | Black, RAL 9005 |
| 309196 | 19" uprights (2 pcs) | 42    | /     | /     | Black, RAL 9005 |
| 309205 | Eyebolts M12 (2 pcs) | /     | /     | /     | /               |