



INDUSTRIAL ENCLOSURE SOLUTIONS

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# PAINTED GALVANIZED STEEL OUTDOOR RACK WITH DOUBLEWALL

## TORNADO SERIES IP66



MECHANICAL PARTS  
GUARANTEE





## WE PUT AT YOUR DISPOSAL

We offer over **45 years** providing solutions to demanding customers who require very specific characteristics and behaviour according to the sector and their needs.

## WHEREVER YOU GO

We are committed to working closely with our customers, providing them with **exceptional service** and offering an advanced and extensive range of products with very competitive prices.

## HIGH STANDARD OF QUALITY AND SERVICES

We only use materials provided by companies who offer the very **highest quality**, suitable and certified products. Our success is due to top quality assurance: ISO 9001, SGS, UL, TÜV, ISO 14000 and Ohsas 18001.

## CUSTOMIZE TOTALLY YOUR ENCLOSURE

Our production systems can give custom-made solutions **on demand**. Every colour from RAL chart is available to be personalized. A variety of protection standards thanks to our own painting facilities.



**100%**  
*Entirely designed  
and manufactured  
in Europe*

## CONTACT US

Confidentiality, reliability & quality

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ALSO ONLINE

Please contact our technical sales department

A team of professionals with high experience and ability to solve all your queries



# PAINTED GALVANIZED STEEL OUTDOOR RACK WITH DOUBLEWALL

## TORNADO SERIES IP66



Example

### The Best System of Telecommunication Rack Cabinets on the Market

Tornado Series specially designed for outdoor weather system: heat insulated double wall, autoventilated for better protection of electronics, servers, CCTV, telecommunications, voice, data, fiber optic,... Ideal to protect electronic equipment against temperature changes.

Incorporates anti insect mesh to prevent entry of the same to the inside of the closet where the teams stand.

The interior design allows for easy placement of racks, mounting plates, trays, separators,... Provided with removable gland tray for easy machining holes. Includes socket 100 mm, rack 19 "rack, galvanized steel painted RAL 7035.

➔ [FOR MORE INFORMATION CLICK HERE](#)

## APPLICATIONS

Ideal for placing computers outside, weather stations, telephony, CCTV, ETSI, fiber optics, security and video surveillance, lighting,

telecommunications, signaling and traffic control or any other application that needs extra protection and is housed in outside.

## FEATURES

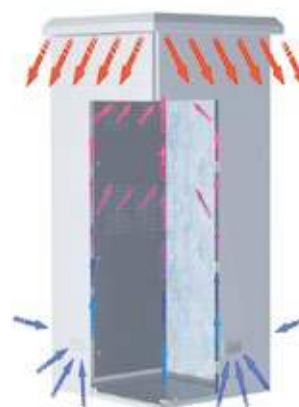
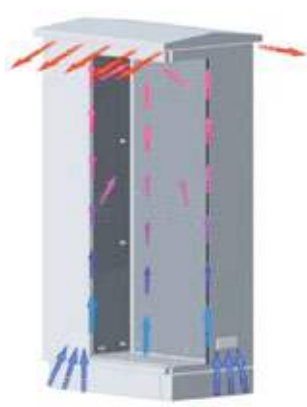
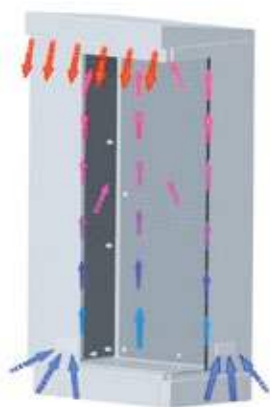
- The best system of telecommunication rack cabinets on the market.
- Earthquake and vibration control.
- Thermo insulated and self-cooled.
- Approved water resistant sealing and UL certified, on exterior doors.
- Anti-vandalism socket.
- Maximum security against vandalism and lever forced opening.
- Painted galvanized steel RAL 7035.
- Provide chrome closures and stainless steel hinges.
- With double wall thermo-isolation.
- Highly resistant to vandalism.

## OPTIONS

- Delvalle can design a specific solution to the client's requirements.
- 19" or 21", depending on rack support position.
- Ventilation KIT: fan, dual thermostat and resistance heater.
- Several options in roof ventilation.
- Tratamiento antigraffiti.
- 200 mm plinth at base.
- Possibility of including air conditioning equipment attached to one side or the roof.
- Can also be supplied without a frame rack but with trays.
- Handle with locking system.
- Available with 1 or 2 doors.
- Full range of accessories available.
- The tray can include micro cuts for later placement of different options.

## CIRCULACIÓN DEL AIRE EN EL INTERIOR DEL ARMARIO

- Standard front ventilation cabinet
- Cabinet with extra ventilation (front and back)
- Cabinet with extra ventilation (four sides)

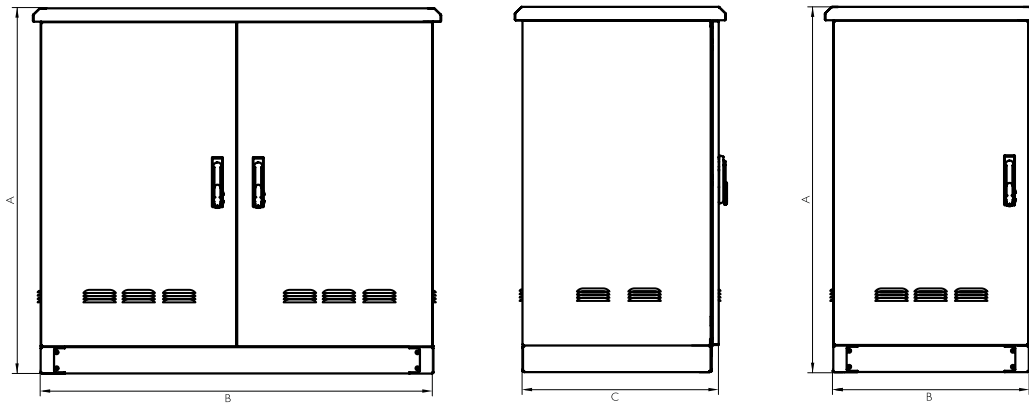


## NORMATIVE

- IEC EN 62208 and EN 60529/10.91 norms. IP54 degree (up to IP66).
- UL approval Nema 1, 3r, 4 y 12. N° File E342220.
- Temperature resistant: -40°C +100°C (short time +160°C).
- Maximum voltage 1000V.
- Option silicone gasket: from -60°C to +180°C (short time up to +350°C).
- EN61969-3 norm. Mechanical Structures for Electronic Equipment and Outdoor Enclosures.

**PLAN**

CLICK HERE TO DOWNLOAD THE FILES CAD - PLANS - CERTIFICATES



MECHANICAL PARTS GUARANTEE

**REFERENCES 1 DOOR**

REFERENCES		DIMENSIONS (mm)					
GALVANIZED	DESCRIPTION	HEIGHT (A)	WIDTH (B)	DEPTH (C)	MACHINABLE AREA 2 DOORS	MACHINABLE AREA	MEDIDAS PLACA
TRG116080	TORNADO 20 U	1185	600	800	905x430	925x715	965x530
TRG116060	TORNADO 20 U	1185	600	600	905x430	925x515	965x530
TRG118080	TORNADO 20 U	1185	800	800	905x630	925x715	965x730
TRG118060	TORNADO 20 U	1185	800	600	905x630	925x515	965x730
TRG136080	TORNADO 20 U	1385	600	800	1105x430	1125x715	1165x530
TRG136060	TORNADO 25 U	1385	600	600	1105x430	1125x515	1165x530
TRG138080	TORNADO 25 U	1385	800	800	1105x630	1125x715	1165x730
TRG138060	TORNADO 25 U	1385	800	600	1105x630	1125x515	1165x730
TRG156080	TORNADO 30 U	1585	600	800	1305x430	1325x715	1365x530
TRG156060	TORNADO 30 U	1585	600	600	1305x430	1325x515	1365x530
TRG158080	TORNADO 30 U	1585	800	800	1305x630	1325x715	1365x730
TRG158060	TORNADO 30 U	1585	800	600	1305x630	1325x515	1365x730
TRG186080	TORNADO 35 U	1885	600	800	1555x430	1575x715	1615x530
TRG186060	TORNADO 35 U	1885	600	600	1555x430	1575x515	1615x530
TRG188080	TORNADO 35 U	1885	800	800	1555x630	1575x715	1615x730
TRG188060	TORNADO 35 U	1885	800	600	1555x630	1575x515	1615x730
TRG206080	TORNADO 40 U	2060	600	800	1780x430	1800x715	1840x530
TRG206060	TORNADO 40 U	2060	600	600	1780x430	1800x515	1840x530
TRG208080	TORNADO 40 U	2060	800	800	1780x630	1800x715	1840x730
TRG208060	TORNADO 40 U	2060	800	600	1780x630	1800x515	1840x730
TRG208060	TORNADO 40 U	2060	800	600	1780x630	1800x515	1840x730
Version Norms UL	Add "UL" to reference. Ex:"TRG116080UL"						
Version Rear door	Add TR to P to rear door; Ex:"TRG116080P"						

Separation depth plate 20mm

**REFERENCES 2 DOORS**

REFERENCES		DIMENSIONS (mm)		
GALVANIZED	DESCRIPTION	HEIGHT (A)	WIDTH (B)	DEPTH (C)
TRG111380D	TORNADO 2 PUERTAS 20 U	1160	1350	800
TRG111360D	TORNADO 2 PUERTAS 20 U	1160	1350	600
TRG131380D	TORNADO 2 PUERTAS 25 U	1385	1350	800
TRG131360D	TORNADO 2 PUERTAS 25 U	1385	1350	600
TRG161380D	TORNADO 2 PUERTAS 30 U	1610	1350	800
TRG161360D	TORNADO 2 PUERTAS 30 U	1610	1350	600
TRG181380D	TORNADO 2 PUERTAS 35 U	1835	1350	800
TRG181360D	TORNADO 2 PUERTAS 35 U	1835	1350	600
Version Norms UL	Add "UL" to reference. Ex:"TRG116080UL"			

\* All tables refers to standard measures. We work measure. We adapt to client

## CUSTOMIZED ENCLOSURE SOLUTIONS DELVALLE

*Delvalle has more than 50 years of experience using the latest technology to implement and obtain the most innovative products on offer to all our customers. Delvalle is an ideal partner, combining an advanced and wide range of products at very competitive prices.*

*The customized manufacture of all electrical enclosures and cabinets Delvallebox is carry out with the most advanced technical methods and with the precision and consciousness of a craftsman. This makes the difference from competitors and is the best way to gain our customers' trust.*

*In Delvallebox we bear in mind that customers perceive the quality very clearly. In every product (for instance, in the cabinets here presented) safety and useful solutions are what customers value most.*



STAINLESS STEEL  
INDUSTRIAL ENCLOSURES



OUTDOOR ELECTRICAL  
ENCLOSURES



GLOBAL ELECTRICAL  
SOLUTIONS FOR URBAN AREAS



GALVANIZED STEEL  
ELECTRICAL ENCLOSURES

## ATEX INDUSTRIAL ENCLOSURES



SLOPED ROOF  
ENCLOSURES - HYGIENIC



## INDUSTRIAL ENCLOSURES IP66, IP67, IP68 AND IP69K

Buy direct from manufacturer of custom made IP66, IP67, IP68 and IP69K heavy duty industrial and waterproof electrical enclosures AISI 304L and 316L made by standard IEC 60529. Delvalle has tested all sizes and dimensions of waterproof enclosures according to EN 60529:2018. All weather resistant enclosures are more than simply rainproof, they meet a minimum of Nema 4X and IP66, IP67, IP68 and IP69k requirements to ensure your electronics are protected. From Junction boxes to industrial enclosures, Delvalle weatherproof enclosures offer a wide range of sizes and styles to keep your project waterproof.



## CLIMATE CONTROL COOLING FOR ENCLOSURES



CABLE GLANDS FOR  
ELECTRICAL ENCLOSURES





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