



Enclosures & Cabinets for Special Requirements
comercial@delvalle.es | www.delvallebox.com

OUTDOOR ENCLOSURE TROPICO SERIES IP66



STAINLESS
ANTICORROSIVE
GUARANTEE



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.

CONTACT US

Confidentiality, reliability & quality

www.delvallebox.com
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+34 945 601 381

ALSO ONLINE

Please contact our technical sales department

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



OUTDOOR ENCLOSURE TROPICO SERIES IP66



Example

Water Repellent Injected Seal

The Tropico Series enclosure for outdoor and street lighting made of stainless AISI 304L or galvanized and painted steel.

Robust, developed and designed for outdoor, use with an embedded door, triple action above all rotation anti-vandalism handle and waterproof seal approved CE, UL.

Achieves a sealing IP66, and the maximum possible resistance IK10. Attached selfventilating roof and optional plinth together with embedded door make it vandal proof.

[→ FOR MORE INFORMATION CLICK HERE](#)



OUTDOOR ENCLOSURE TROPICO SERIES IP66

APPLICATIONS

Our outdoor Tropico Series enclosures, have a design, finishing and sealing especially for telecommunications, street lighting, railway lines to hold and protect all electrical and electronic equipment, in the rail sector, urban city cabinets and telecommunications (ICT), TV, RDSI, RT, TB, TLCA.



OPTIONS

- Varying design and painting available on request.
- Plinths at base for enclosures of any size. They allow enclosures to stand above the floor, with extra room for cable entry. Available as 100mm (standard) and 200mm high.
- Manufactured in stainless steel AISI 316L, EN 1.4404.
- Fasteners and widths for ground fixing.
- Graffiti-proof protective paint
- Insulating mounting plate (bakelite) or in stainless steel.
- EMC version according to 2014/30/UE of electromagnetic compatibility.

ADVANTAGES

- Excellent mechanical properties and high resistance too.
- Water repellent injected seal.
- Automatic condensation evacuation.
- The enclosure includes anti-vandalism locks and handles, adapted for electric and gas company locking systems.
- Maintenance free for life, over 30 years.
- Delvalle makes to order any pre-cut units for your needs, including holes, channels, both in the door and in the enclosure itself.



OPTION SUN REFLECTIVE TREATMENT COATING "SUNTERM" FOR OUTDOOR ELECTRICAL ENCLOSURES

SunTerm treatment coating for use in outdoor electrical enclosures, contain a reflective component that deflects the infrared light, and thus the half of the sun's total energy, from any substrate that it coats.



As a result, the surface of the substrate, and any interior ambient that it protect, are cooler than a standard coating.

As a treatment solution SunTerm also gives you high corrosion resistant for outdoor environments.

Temperature Outdoor Resistant -40°C +80 °C.

Test under lab controlled conditions showed that the aluminum substrate being coated with SunTerm is 7oC cooler than coated with standard coating inside.

PLACEMENT OF OUTDOOR CABINETS

As can be seen in the picture, as an option, the plinth allows it to be fully fixed to ground movements so avoiding.



Detail of plinths with mounting frame



Detail of inclined plinths with mounting frame

OUTDOOR FINISH ANTIPOSTER

Outdoor cabinet antiposter, specially designed for public lighting, urban furniture, city hall, shopping centers, buildings...

Its design with rumble strips prevents the sticking of posters. It is also aesthetically more elegant

Available in two materials: aluminium and galvanized steel with epoxy - polyester paint.



Example

OUTDOOR ENCLOSURE TROPICO SERIES IP66

DESIGNS



BASIC DESIGN

Single door cabinet with hood, plinths and vents. Especially designed for: public lighting, advertising panels, festivals, christmas lights, and traffic light controls.



2 DOOR DESIGN

Double door design up to IP66, anti-vandal lock and plinths (300 mm). Perfect for connection, measurement, controls and protection modules.



3 DOOR DESIGN

Triple door design up to IP66, with anti-vandal locking, side screens and plinths (300 mm). Ideal for connection, measurement, controls and protection modules.



DELVALLE DEVELOPS ALL DIFFERENT KINDS OF MODELS TO COVER NEEDS, VARYING IN SIZE AND IN THE NUMBER OF DOORS, BOTH FRONT AND SIDE

VENTILATION KIT

REFERENCE

TR01 AC01

After studying the requirements that our customers demand in ventilation issues, Delvalle includes a kit of accessories consisting of the following elements:

- Roof fan
- Resistance heating
- Dual thermostat



OUTDOOR ENCLOSURE TROPICO SERIES IP66

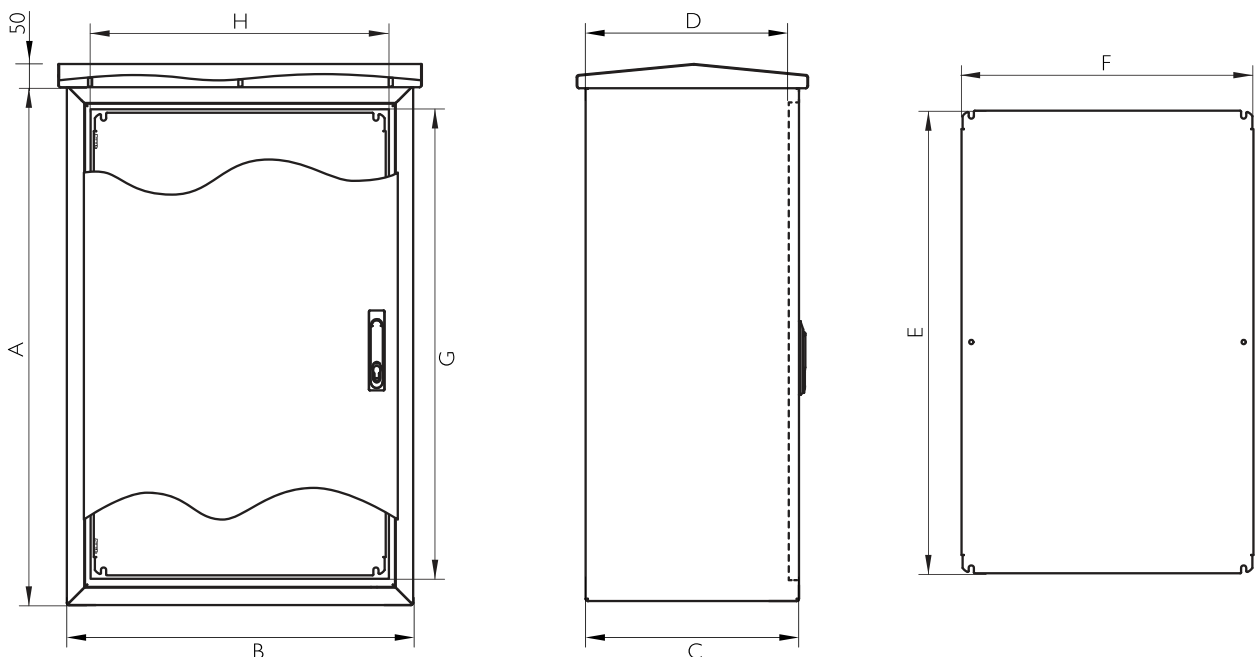
NORMATIVE

- IP66 Norm EN 62208 and EN 60529.
- Maximum IK10 hit resistance Norm IEC 62262.
- IEC 60068-2-30 and IEC 60068-2-11.
- Built to CE standard 2014/35/UE.UL Nema 4x, 12, 1, 3r by request. N°File E342220.
- Resistant to impact sharp objects according to EN 60439-5.
- Maximum voltage 1000 V.
- Temperature resistant: -40°C $+100^{\circ}\text{C}$ (short time $+160^{\circ}\text{C}$).
- Option silicone gasket: from -60°C to $+180^{\circ}\text{C}$ (short time up to $+350^{\circ}\text{C}$).



PLAN

[CLICK HERE TO DOWNLOAD THE FILES CAD - PLANS - CERTIFICATES](#)



OUTDOOR ENCLOSURE TROPICO SERIES IP66

REFERENCES

REFERENCES										
DIMENSIONS (mm)										
REFERENCE	HEIGHT -A-	WIDTH -B-	DEPTH -C-	ACCESS -GxH-	INSIDE DEPTH -D-	MACHINABLE AREA		PLAQUE MEASUREM. -ExF-	DOORS NUMBER	
						DOOR	LATERAL			
MVAD106032	1000	600	320	883x483	297,5	858.5x412.8	990 x 310	870 x 475	1	
MVAD106040			400		377,5		990 x 390			
MVAD106050			500		477,5		990 x 490			
MVAD126032	1200		320	1083x483	297,5	1058.8x412.8	1190 x 310	1070 x 475		
MVAD126040			400		377,5		1190 x 390			
MVAD126050			500		477,5		1190 x 490			
MVAD108032	1000	800	320	883x683	297,5	800x530	990 x 310	870 x 675		
MVAD108040			400		377,5		990 x 390			
MVAD108050			500		477,5		990 x 490			
MVAD128032	1200		320	1083x683	297,5	1000x530	1190 x 310	1070 x 675		
MVAD128040			400		377,5		1190 x 390			
MVAD128050			500		477,5		1190 x 490			
MVAD121032	1200	1000	320	1083x683	297,5	1058.5 x 322.3 and 1058.5 x 255.8	1190 x 310	1070 x 870		
MVAD121040			400		377,5		1190 x 390			
MVAD121050			500		477,5		1190 x 490			
MVAD101232	1000		1200	320	883x1083	297,5	858.5 x 522.3 and 858.5 x 455.8	990 x 310	870 x 1070	
MVAD101240				400		377,5		990 x 390		
MVAD101250				500		477,5		990 x 490		
MVAD801432	800	1400		320	683x1283	297,5	658.5 x 722.3 and 658.5 x 655.8	790 x 310	2	
MVAD101432	1000			400	883x1283	377,5	858.5 x 722.3 and 858.5 x 655.8	990 x 310		
MVAD101440				500		477,5		990 x 390		
MVAD101450			500	477,5		990 x 490				
MVAD121432	1200		320	1083x1283	297,5	1058.5 x 722.3 and 1058.5 x 655.8	1190 x 310	1070 x 1270		
MVAD121440			400		377,5		1190 x 390			
MVAD121450			500		477,5		1190 x 490			
MVAD141432	1400		320	1283x1283	297,5	1258.5 x 722.3 and 1258.5 x 655.8	1390 x 310	1270 x 1270		
MVAD141440			400		377,5		1390 x 390			
MVAD141450			500		477,5		1390 x 490			
MVAD121632	1200		1600	320	1083x1483	297,5	1000 x 570 and 1000 x 570	1190 x 310		1070 x 1470
MVAD121640				400		377,5		1190 x 390		
MVAD121650		500		477,5		1190 x 490				
MVAD161832	1600	1800		320	1483x1883	297,5	1458.5 x 438.1	1590 x 310	1470 x 1670	
MVAD161840				400		377,5		1590 x 390		
MVAD161850				500		477,5		1590 x 490		
MVAD162050	1800		2000	500	1483x1883	477,5	1458.5 x 504.8	1790 x 490	1670 x 1870	
MVAD182050				1683x1883	1658.5 x 504.8		1790 x 490			
MVAD222050				2083x1883	2058.5 x 504.8		2190 x 490	2070 x 1870		
MVAD122232	1200	2200		320	1083x2083	297,5	1058.5 x 571.4	1190 x 310	1070 x 2070	
MVAD122240				400		377,5		1190 x 390		
MVAD122250				500		477,5		1190 x 490		
MVAD182450	1800		2400	500	1683x2283	477,5	1600 x 555.3	1790 x 490	1670 x 2270	
MVAD202450	2000				1883x2283		1800 x 555.3	1990 x 490	1870 x 2270	
MVAD222450	2200				2083x2283		2000 x 555.3	2190 x 490	2070 x 2270	

Separation depth plate 30mm



**Consult us
without obligation**

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**STAINLESS STEEL
INDUSTRIAL ENCLOSURES**



**OUTDOOR HEAVY DUTY
ELECTRICAL ENCLOSURES**



**OUTDOOR TELECOM 19
RACKS & CABINETS**



**GALVANIZED STEEL
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WATERPROOF SHEET STEEL
ELECTRICAL ENCLOSURES



CLIMATE CONTROL COOLING
FOR ELECTRICAL ENCLOSURES



NEMA ELECTRICAL
ENCLOSURE TYPE 1-3R-4X-12



MODULAR DISTRIBUTION
ENCLOSURES



EMC ELECTRICAL
ENCLOSURES SOLUTIONS



CABLE GLANDS & ENTRY
SEALS FOR CABINETS





Enclosures & Cabinets for Special Requirements



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Contact us, we will be available at any time

