



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

WIFI OUTDOOR ENCLOSURE IP66



STAINLESS
ANTICORROSIVE
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.

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Confidentiality, reliability & quality

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Please contact our technical sales department

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



WIFI OUTDOOR ENCLOSURE IP66



Example RAL 7035



Example RAL 9005



Example heat & cold solution

**Designed to Allow
Network Deployment
Wireless in Foreign Areas**

The harsh access point Wireless outdoor enclosure is designed to permit convenient and secure mounting of the Wi-Fi access point in difficult or outdoor and rugged environments, equipment providers (Cisco, Aeroscout, Motorola, Aruba and others).

The body is composed of a compact Delvalle Geo Series enclosure. This box, made from AISI304L or AISI316L, are NEMA 4x compliant for water, dust and corrosion resistance (IK10). Some of these stainless steel enclosures include a universal mounting plate for access points from many vendors, "keyed alike" locks, and egress points for bulkhead mounted antennas and conduit.

This model is available with heat and cooling (IP55) options and offers an ideal working temperature range as well as a perfect low temperature operation, reaching locations as ski stations where low temperatures are a daily fact. The model heat & cold solution includes an grill equipped with an IP55 protector at the right underside. Meanwhile, at the left topside, the body mounts a Prius MVP024 fan made from AISI304L stainless steel. This fan is noiseless, with high efficiency and low consumption. It is also equipped with an IP55 protector. These fans, with a 24 m³/h air flow, are an ideal solution for heat dissipation inside the enclosure. The system also mounts a 50W heater to guarantee the correct functioning with low temperatures and avoid the condensation of water and corrosion.

The inside of the enclosure (MVKTMM1142) is acclimatized to be used at low temperatures by a Dual Thermostat which regulates the temperature sending a signal to the fan or the heater. That is the way to avoid the condensation inside the enclosure and assure a temperature between the recommended ranges.



FOR MORE INFORMATION CLICK HERE

WIFI OUTDOOR ENCLOSURE IP66

APPLICATIONS

- University campus
- Governmental Installations
- Urban centres (towns, cities...)
- Industrial work zones, warehouses or distribution centres.
- Hotel Industry as hotels and cruises.
- Any other applications near to the use of access points in outdoors.
- Shopping Centres
- Means of transportation as trains, trucks, ships or buses
- Surroundings with low temperatures as cottages, mountain accommodation or ski stations.

CHARACTERISTICS

- Manufactured in stainless steel AISI 304L or AISI 316L.
- Available with blind cover or machining (Ø22.5). The cover is fixed with easy positioning screws.
- Strength and durability.
- Monobloc design
- Perfect water tightness thanks to the gasket used in the unions.
- This type of boxes combine corrosion resistance and the highest market impact IK10.
- Up to IP67
- Delvalle supplies any measurements required

OPTIONS

- We recommend of thermostats.
- Version EMC.
- Version IP55 heat & cold solution.
- Flow direction "outside-in".
- UL approved.
- RAL 7032 (grey) and RAL 9005 (black).
- Version stainless steel AISI 304L.

ADVANTAGES

- Adding access points that are installed inside an existing WLAN base guarantee the interoperability with other devices and reduce the time in bringing them to the network.
- The cost per unit of an indoor access point and its interior protection system is less than the price of an outdoor access point of the manufacturer. This represents a significant saving in a planning of a large WLAN area with multiple units.
- The protection outdoor system offers a simple solution that is completely powered by a power source that can also be used in situations where there is no AC.
- Protection enclosures hide the operation lights and provide protection against theft or handling situations.

NORMATIVE

- Enclosure properties:
 - IP66 Norm IEC 60529 (IP67 on request).
 - Maximum IK10 resistance Norm IEC 62262.
 - Manufactured following EU low voltage ruling 2014/35/UE
 - UL approval Nema 4x, 12, 3r, 1. N° File E342220
 - RoHS Directive 2011/65/UE compliant.
 - Maximum voltage 1000V
 - Temperature resistant: -20°C +80°C
- Enclosure heat & cold solution properties:
 - IP55/Class I Norm IEC 60529.
 - Built under directive 2014/35/UE low voltage.
 - Operating temperature -10°C +70°C.
 - Filter mat (Eurovent) EU2 and EU3 (depending on model).
 - Material ABS UL94V-O RAL 7035.
 - Life time +50.000 hours at 40°C.

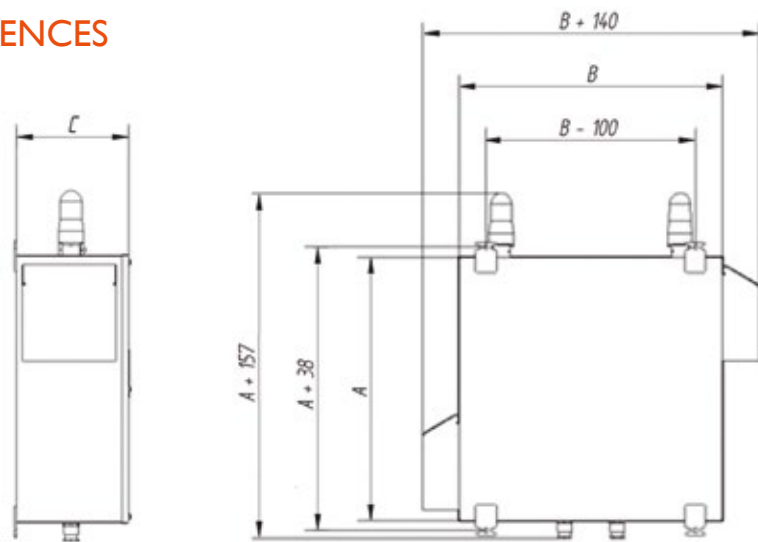
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BLUEPRINTS AND REFERENCES



STAINLESS
ANTICORROSIVE
GUARANTEE

MADE
TO MEASURE



REFERENCE	DIMENSIONS (mm)						
REFERENCE	A	B	C	A+157	A+38	B+140	B-100
MVCB30302I	300	300	210	457	338	440	200
MVCB40402I	400	400	210	557	438	540	300
MVCB50502I	500	500	210	657	538	640	400
Resistance heater	Add "MVRC050" to reference. Ex: "MVCB30302I_MVRC050"						
Thermostats-Hygrostat	Add "MVKTMMI142" to reference. Ex: "MVCB30302I_MVKTMMI142"						
Fan	Add "MVP024AS5" to reference. Ex: "MVCB30302I_MVP024AS5"						

Custom machining, includes the cable glands and the necessary holes for antennas.

ACCESORIES

- Resistance heater
- Thermostats-Hygrostat
- Fan



These heaters reduce temperature variation and avoid water condensation which may cause malfunction and corrosion of cabinets and boxes.



The inside of the enclosure is acclimatized to be used at low temperatures by a dual thermostat which regulates the temperature sending a signal to the fan or the heater.



Built-in filter fan, high performance, low power; and soundless, with slim design and affordable price. These fans are ideal for the removal of large heat loads inside the cabinets in an economical and easy way.

ACCESORIES WIFI OUTDOOR ENCLOSURE

REFERENCE	DESCRIPTION	CHARACTERISTICS	
MVRC050	Resistance heater	Power: 50W	Voltage: 110 - 250 AC/DC
MVKTMMI142	Thermostats - Hygrostat	Hysteresis: 7°C (tolerance +/-4)	Contact type: snap action Electrical connections: 2-pole terminal for 2,5mm² wire
MVP024AS5	Fan	Air flow rate: 24m³/h	Overcurrent protection: impedance Flow direction "outdoor-in"

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WATERPROOF SHEET STEEL
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FOR ELECTRICAL ENCLOSURES



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



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CABLE GLANDS & ENTRY
SEALS FOR CABINETS





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Contact us, we will be available at any time

