

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

# ANTI-DUST SYSTEM FOR ELECTRICAL ENCLOSURES **DUSTY SERIES**





### 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.

#### 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.

## 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.

#### 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 comercial@delvalle.es +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





## ANTI-DUST SYSTEM FOR ELECTRICAL ENCLOSURES **DUSTY SERIES**



Examples



### The Pressure Is Monitored Constantly

The Dusty Pressurization Series is designed for environments full of dirt, airborne dust, and for installation in corrosive environments.

Our enclosures system AISI 304 or 316 with the pressurization system prevents the damages to the electrical components produced by the gases or environmental powder. This is an economic system, 100 % reliable, it doesn't requires any maintenance and lengthens the life of electronic components installed inside the cabinet with a 100% guarantee.

The removal of these gases or dust inside the cabinets extends the life by protecting the electrical or electronic components inside, avoiding stops and new costs on replacing the electronics, so we get an economic system. Forget complex systems and incorporate the latest technology. The system can be placed indoors and outdoors and can be adapt to all our enclosures.

**→** FOR MORE INFORMATION CLICK HERE



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It is a system that only requires an air's compressed system connected to the grid or an inert gas. The pressure inside the cabinet will be above ambient so it is impossible the access of particles and gases, this means to improve the lifetime of electronic components.

The "Dusty" system maintains a constant pressure 1.24 mbar inside the cabinet. The pressure is constantly monitored. These systems developed by Delvalle are the most reliable on the market, and we have appropriate systems for each application. The enclosure system has a manual pressure regulator up to 5 psi, and a constant pressure meter which facilitates the security reading and control of pressurized enclosure.

Remark: This system is NOT suitable for hard and aggressive areas, to consult these areas, we have another system called Peppex Series.





#### APPLICATIONS

- Areas with a lot of airborne dust
- Areas with high environmental corrosion
- Areas with fiberglass dust
- Laboratories
- Where a flameproof product is essential
- Offshore
- Paper industry
- Timber
- Mining



#### **NORMS**

- To IP65 (IP55 two doors) Norm IEC 60529.
- Maximum IK10 resistance NormIEC 62262.
- Manufactured following EU low voltage ruling 2014/35/UE.
- Materials intended to come into contact with food EC 1935/2004.
- RoHs compliant.
- UL approval Nema 4x, 12, 3r, 1.
   N° File E342220.
- Maximum voltage 1000 V.
- Temperature resistant: -40°C +100°C (short time +160°C).



CLICK HERE TO DOWNLOAD

THE FILES CAD - PLANS - CERTIFICATES

REFERENCES	DESCRIPTION
DST100	Dusty System with regulator and pressure signal
DST200	Dusty System with regulator
DST300	Dusty System with regulator; pressure signal and safety valve
DST400	Dusty System with regulator and safety valve
DST VENT	Safety valve for models DST100 and DST200







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OUTDOOR HEAVY DUTY ELECTRICAL ENCLOSURES



OUTDOOR TELECOM 19 RACKS & CABINETS



GALVANIZED STEEL ELECTRICAL ENCLOSURES



**HYGIENIC DESIGN ENCLOSURES** 



ALUMINIUM ELECTRICAL ENCLOSURES







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### WATERPROOF SHEET STEEL ELECTRICAL ENCLOSURES



### CLIMATE CONTROL COOLING FOR ELECTRICAL ENCLOSURES



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



### MODULAR DISTRIBUTION ENCLOSURES



EMC ELECTRICAL ENCLOSURES SOLUTIONS



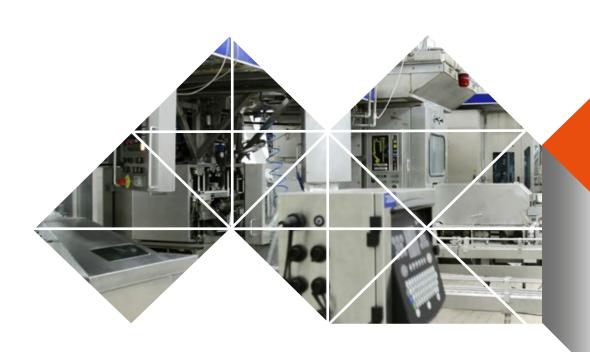
CABLE GLANDS & ENTRY SEALS FOR CABINETS







Enclosures & Cabinets for Special Requirements





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