



Hydrogen Compressor Noise Enclosure ZB-MAXIMATOR

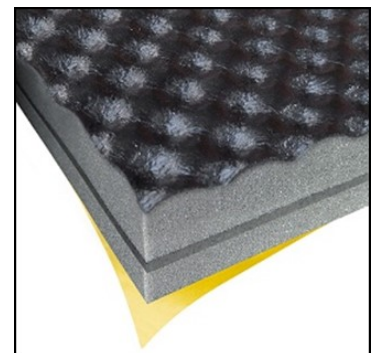


- **85% reduction in Noise perception.**
- Efficient ventilation system.
- Innovation Design.
- **Access to the control panel**
- Compatible with Maximator Hydrogen compressor
- Installation in only 4 simple steps
- **3 year guarantee.**

Multilayer Acoustic Insulation

Acoustic insulation of 50 mm of thickness formed by two layers of absorbent material and a heavy and flexible mass. This provides to the isolation a low dynamic rigidity, low transmission and a high absorption of the noise caused by engines, compressors and vacuum pumps.

A protector Surface of PU protects and enable an easy cleaning and a long life time. Moreover, this acoustic insulation is perfectly safe because is self-extinguishing.

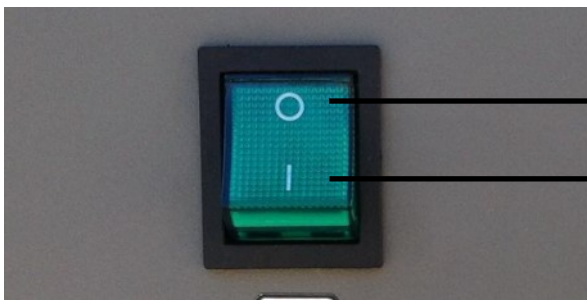


The inside of the enclosure is cover with this acoustic isolation, getting a noise reduction up to 20 dB(A)

Ventilation System



- 5 ultra quiet fans with a long life time.
- The air is changed each 2 s.
- Feedthroughs for several special connector (air compressed inlet, hydrogen...)

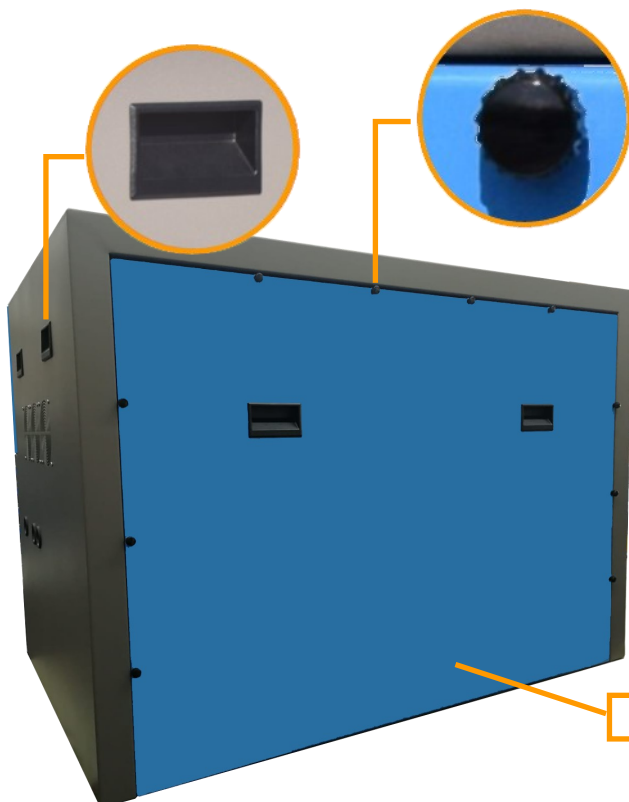


Two position switch for fans

Posición 0 Fans off

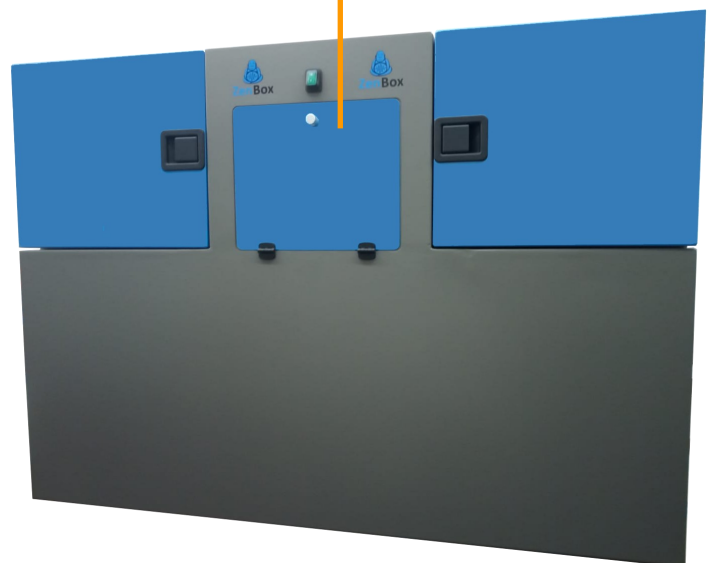
Posición 1 Fans on

Easy Acces to the Hydrogen Compressor

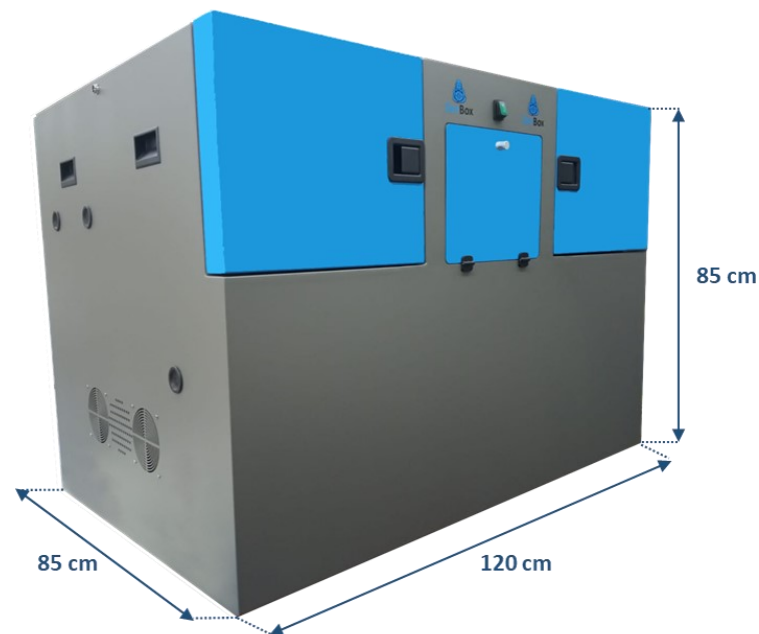


Cover to Access the control panel

Panel to Access the compressor



Detailed Technical Specifications



Internal Dimensions

Width (cm)	Depth (cm)	Height (cm)
110	75	80

- Noise enclosure fabricated in descaled cold-laminated iron sheet of 1.5 mm of thickness.
- The interior is covered by a multilayer acoustic insulation of 50 mm of thickness. This material is self-extinguishing and complies with FMVSC 302 y DIN 4102B3.
- All requeriments related to security are taken into account in the design and the fabrication. It has beed used good-quality materials (non flammable and heat resistant)
- Fans with ATEX certificate to operate in environments with fammable gases. This certificate is issued on a voluntary basis according to Annex II of Directive 2014/34/EU for equipment and protective systems intended for use in potentially explosive atmospheres (ATEX)
- The noise reduction in accordance with the European directive for low voltaje equipments (2006/95/EC) and electro-magnetic compatibiliy (2004/108/EC)

This Noise enclosure has been designed for the following model of Hydrogen Compressor:

MAXIMATOR—Maximum Pressure