



Vacuum pump Noise enclosure ZB-2VP1

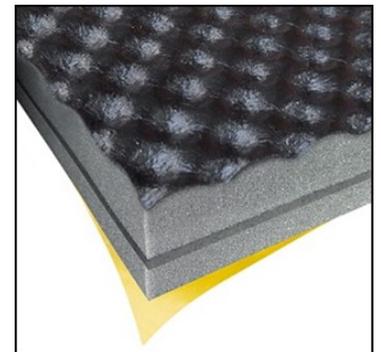


- **85% reduction in Noise perception**
- **Efficient ventilation system** and automatically temperature-regulated
- **Overheating Protection (temperature alarm)**
- **Easy Access to the vaccump pumps**
- Compatible with the most existing brands in the market
- Installation in only 4 simple steps
- **3 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)

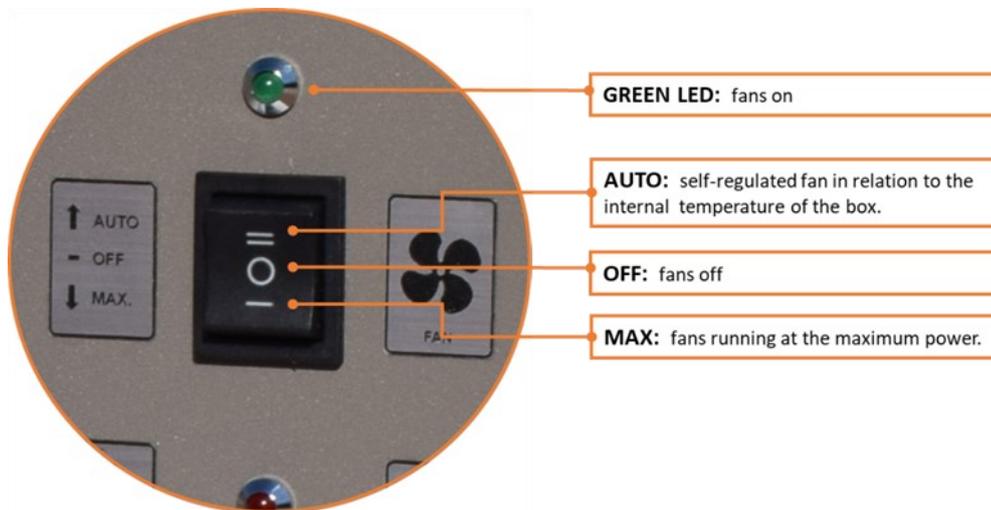
Ventilation System

- 6 ultra quiet fans with a long life time) (160.000 hours)
- The air is changed each 2 seconds



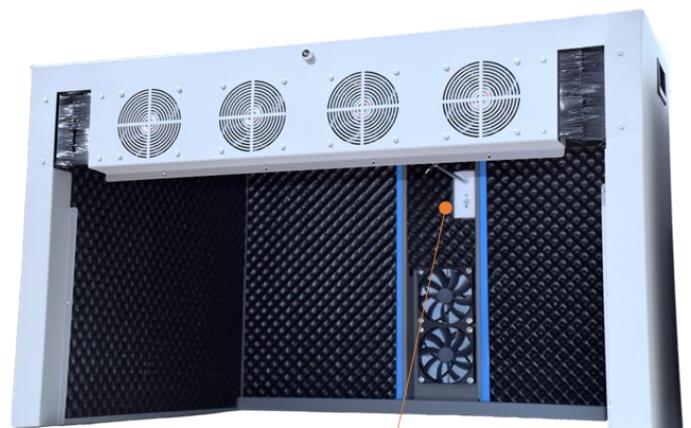
Exhaust cold air on the bottom part and the hot air is extracted with more intensity on the top part. This way is created a negative pressure difference.

Three-position switch for fans



If the temperature inside of the enclosure is higher than recommended by vacuum pump manufacturers, a red LED will light on and a warning alarm sound continuously.

NOTE: if this happens, open the door to vent the vacuum pump and inspect fans for proper operation.



Soundproofing enclosure has temperature probes to control the fans speed and to avoid a possible overheating

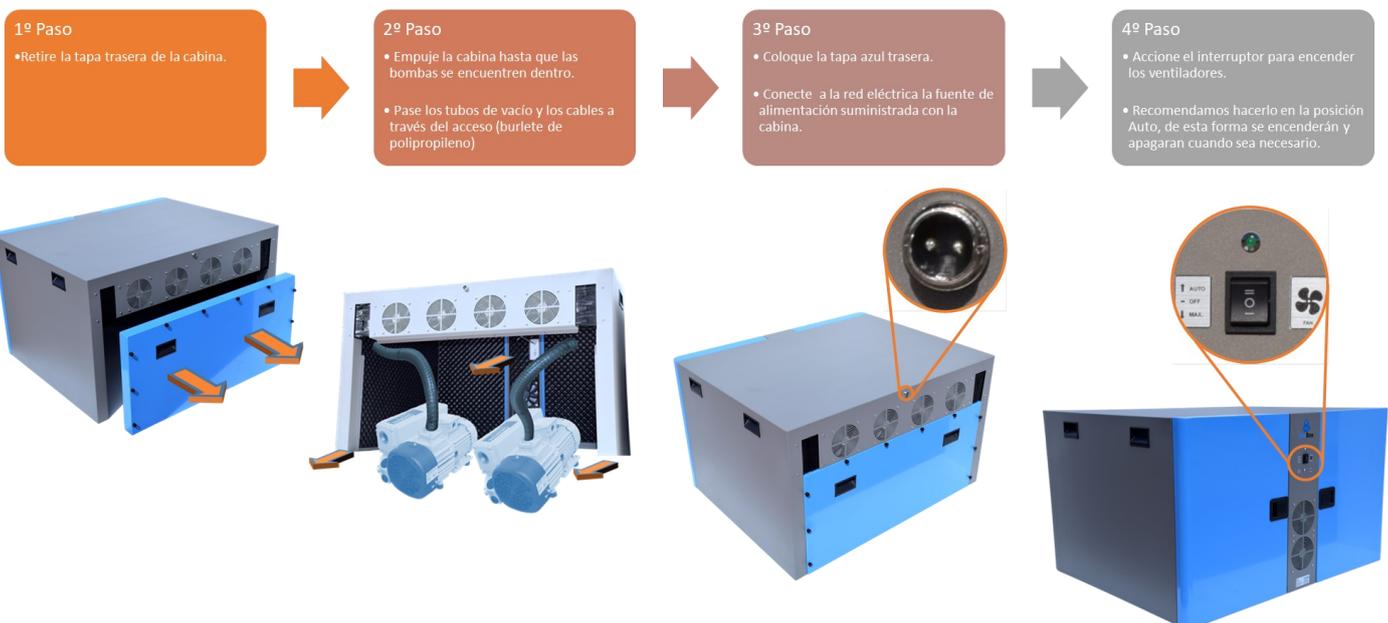
Fácil acceso a la bomba de vacío

- Access for pipes and electrical cables of the vacuum pumps.
- The doors opens 120° for easy checking of oil level and change the gas ballast.

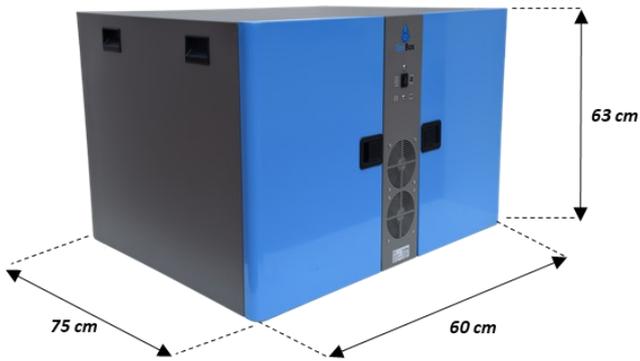


Installation only in 4 steps

- It is not necessary tools for the installation.
- You don't need turn off the vacuum pumps for installation of the Noise enclosure.



Detailed Technical Specifications



Internal Dimensions

Width (cm)	Depth (cm)	Height (cm)
50	65	58

- Noise enclosure fabricated in descaled cold-laminated iron sheet of 1 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 requirements related to security are taken into account in the design and the fabrication. It has been used good-quality materials (non flammable and heat resistant)
- All electronic components complies RoHS (Restriction of Hazardous Substances Directive)
- The enclosure comes with a power supply of 12V and 5A (Csa, Ce, Ccc) and it is compatible with electrical grid 230V /50 Hz
- The noise reduction in accordance with the European directive for low voltage equipments (2006/95/EC) and electromagnetic compatibility (2004/108/EC)

This Noise enclosure has been designed for the following models of vacuum pumps:

Boc Edwards: E2M1.5 (x2), E2M8 (x2) and E2M30 (x2)

Varial / Agilent: HS 602 (x2), DS 602 (x2) and HS 652 (x2)