

Document title:

Storage instructions

Description:

GEN2-Max5.5-50K

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1 *Shipping precautions, ex-factory*

1.1 Introduction

GEN2-Max5.5-50k are shipped ex-factory as complete units, ready for installation and operation. Even so, basic storage procedures are implemented when the machine leaves the production line. These precautions will protect the machine against corrosion during shipping and transport.

You should always inspect the entire machine on arrival. This instruction applies, regardless whether the unit is on its way to the end user or whether it will go into further storage.

1.2 Packaging for transport

The entire machine is shipped ex-factory enclosed in a protective plastic sheeting and placed on a pallet or in a wooden crate.

The packaging is designed to keep out immediate rainfall etc.

2 *Inspection after shipment*

Always inspect the equipment immediately after shipment. Verify the mode of transport as well as the length of time that the equipment has been underway. The purpose of such an interim inspection is to ensure that the equipment will reach its final destination in perfect condition.

Never forward a unit to a customer without first having inspected it properly.

A brief inspection entails:

- Checking the crate or container for damage
- Check that no moisture has penetrated the packaging material
- Check that the contents has not moved inside the box or container
- Check if the adsorbers are still under pressure ($>0.2\text{bar(g)}$). If that is not the case, contamination could have entered the vessel and damaged the CMS.

Remark :

If you encounter transport damage, submit a damage claim immediately - directly with the carrier. Also send a copy of the damage claim report to the sender of the equipment. Do this without delay.

3 Precautions for local storage

3.1 General recommendations

Important: Long-term storage is not recommended and should always be avoided if possible.

The generator should not require any cleaning prior to storage. However, you should first check the machine internally for ingress of water or dirt from any previous occasion and the possible formation of corrosion on couplings, terminals etc.

If such is the case, then clean the machine as required and apply a protective coating of grease or another form of corrosion inhibitor on the relevant parts or components to suit.

Plug all inlet- and outlet ports.

Cover up the entire unit with plastic sheeting.

Store the generator, preferably indoors, in a clean dry place. If the generator is to be stored outdoors, make sure the unit is crated or protected from long term exposure to sunlight.

Place the unit on a clean and level floor. The floor should be free from vibration or pulsations emanating from e.g. nearby machinery.

Avoid extreme ambient conditions (temperature and moisture):

- Min/max ambient temperature during storage: 0°C/45°C
- Min/max ambient relative humidity during storage: 0%-70% (at amb.temp.25°C)

After the first 6 months after the production date, check every month whether there is still positive pressure in the adsorbers. If the pressure drops below 0.5 bar(g), pressurize the adsorbers with dry, oil-free air (ISO 8573-1:2010 Class 2:4:1) up to a maximum of 2 bar(g).

Always download the latest software edition before starting the unit.

3.2 Nitrogen generator specifics

Storage time	12 months	24 months
Replace PDP sensor	X	X
Replace O2 sensor		X