

Frequently Asked Questions about nitrogen generators

Below is a list of frequently asked questions. If you do not find the answer you are looking for, please feel free to contact us.

- **Can nitrogen generators be installed outdoors?**

Yes, the unit can be installed outdoors, but it is less expensive to install indoors and does not require the appropriate outdoor accessories (rain protection; freeze protection, etc.). Most nitrogen generators are installed indoors.

- **Does your unit manufacture liquid nitrogen?**

No, our nitrogen generators are non-cryogenic and produce only gaseous nitrogen. The temperature of the nitrogen will be approximately the same as the ambient temperature in the room.

- **How large is a nitrogen generator?**

It depends on the flow rate of the unit. A rule of thumb: If you use steel cylinders, the unit will take up roughly the same amount of floor space. If you use a liquid Dewar tank, it will take up the same amount of floor space as a Dewar tank.

- **How much do nitrogen generators cost?**

Prices vary widely, from as low as 30,000RMB to over 2 millionRMB. Typically, if you use nitrogen all the time (70% of the day), a nitrogen generator will pay for itself in less than two years.

- **What maintenance work is required on a nitrogen generator?**

Typically, both membranes and PSAs require filter changes within 4,000 hours. PSA units require a valve rebuild every 24,000 hours.

- **I am just starting to understand, what information do I need to provide?**

What is your current source of nitrogen (cylinders; dewar tanks; bulk liquid; other)

What is the amount of nitrogen you use (one cylinder per day?)

What is the pressure of nitrogen needed?

What are the uses of nitrogen?

With these, we will get a general idea of your needs and quickly pinpoint a nitrogen generator specification and price for your application.

- **What is the life expectancy of a nitrogen generator?**

Just like any equipment, everything can come down to routine maintenance. If routine maintenance is implemented, these systems should last 15+ years.

- **What type of nitrogen generator do I need?**

There are basically two technologies available, PSA and membrane. Flow rate, purity and application will ultimately determine if PSA or membrane is better "for that industry application".

- **Do you service other brands of nitrogen generators?**

If you need service for your nitrogen generator, please contact us and we can discuss options, including on-site service calls and shipping equipment to our facility for maintenance service.

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