

FPS nitrogen gas generation skids for modified atmospheric packaging

Nitrogen is used in many food packaging applications to extend the freshness, shelf life and shipping range of the product. Liquid or bottled nitrogen delivery and storage can be expensive, unreliable and a safety concern. Nitrogen generators allow users to produce nitrogen in-house simply and with nano's FPS food packaging skids, it couldn't be easier.

In line with our **Experience. Customer. Service.** initiative, nano provides factory-engineered food packaging skids with complete with filters, compressed air dryer, generator and tanks.

If left to a mechanical contractor who is unfamiliar with the application and/or the equipment, problems could arise at start-up resulting in costly downtime or production delays. nano FPS food packaging skids are completely tested prior to shipment to limit problem situations at start-up. If any issues did arise, they are addressed in our facility, not in the field. The result? Customer satisfaction!



FEATURES AND BENEFITS

easy to install

- plug and play
- simple installation
- customer packaged solutions for end-user specific applications

guaranteed performance

- reliable performance based on product quality and experience
- 100% function- and performance-tested prior to shipment
- full package warranty⁽¹⁾

return on investment

- reduced costs of installation
- simplified start-up and commissioning

(1) nano package warranty covers defects in design and workmanship of skid package. Warranties on any rotating equipment to be honored by OEM

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SPECIFICATIONS

model	capacity ⁽¹⁾ scfh ⁽²⁾	dimensions (ins)		
		l	d	h ⁽³⁾
GEN2 i4.0-1110-FPS	184	72	66	46
GEN2 i4.0-2110-FPS	367	72	66	46
GEN2 i4.0-3110-FPS	551	72	66	46
GEN2 i4.0-2130-FPS	667	72	66	56
GEN2 i4.0-3130-FPS	1001	72	66	56
GEN2 i4.0-4130-FPS	1335	76	84	75
GEN2 i4.0-6130-FPS	2002	76	84	75
GEN2 i4.0-8130-FPS	2670	76	84	86
GEN2 i4.0-10130-FPS	3070	76	84	86
GEN2 i4.0-12130-FPS	3564	76	101	98

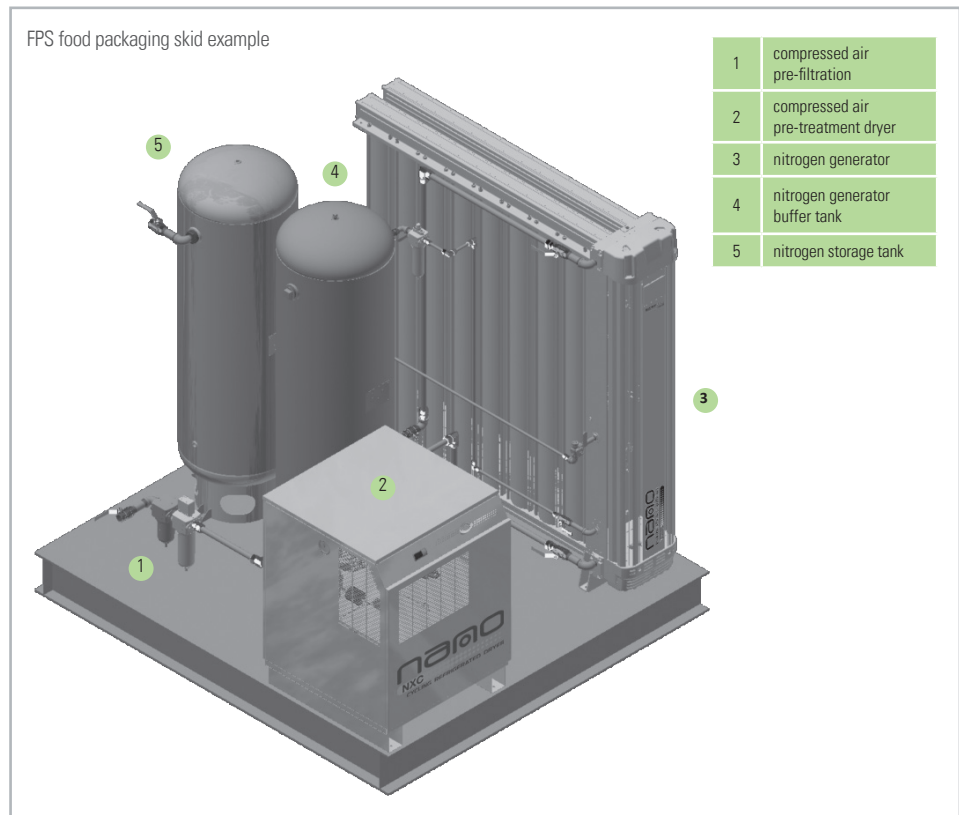
(1) capacity rated at 100 psig inlet pressure, 99.5% nitrogen purity

(2) standard cubic feet per hour

(3) height dependent on tank size

(4) technical specifications subject to change without notice. Direct inquiries to support@n-psi.com or contact 704.897.2182

FPS food packaging skid example



- 1 compressed air pre-filtration
- 2 compressed air pre-treatment dryer
- 3 nitrogen generator
- 4 nitrogen generator buffer tank
- 5 nitrogen storage tank