

MNG Economy Series

Nitrogen Generator

Summary

MNG Economy “E” Series nitrogen generators use patented membrane technology to produce an uninterrupted supply of gaseous nitrogen, on site. This compact system is ideally suited for low-flow applications that presently employ high-pressure gas cylinders or dewars of nitrogen. With the MNG, the inconvenience of gas cylinders and liquid dewars is eliminated. Nitrogen is generated at your location, continuously and reliably, requiring only a supply of compressed air.

CGT’s membrane technology works by filtering oxygen from a stream of compressed, dry air via hundreds of thousands of hollow, polymeric fibers — each about the diameter of a human hair — to produce gaseous nitrogen. The flow and purity of the nitrogen are at your control, assuring the perfect match to your nitrogen requirements. And, the automated MNG system virtually operates itself without requiring the attention of an operator.



Features & Benefits

- Gaseous nitrogen on demand
- Nitrogen purity adjustable from 95%–99.9%
- Nitrogen flows from 15–2,000 scfh
- No cylinder storing, monitoring, handling, demurrage charges, or delivery concerns
- Small footprint for site flexibility, with floor or wall mount option
- Low cost, reliable
- Simple, manual control process
- Air supply and nitrogen storage pressure gauges
- Silent, unattended, plug-and-play operation
- Easy to service and maintain
- No electricity required, and no moving parts

COMPRESSED GAS TECHNOLOGIES INC.

Nitrogen Generation Specialists Since 2001

www.nitrogen-generators.com



Performance Data* and Specs

Model	Nitrogen Purity						Approximate Dimensions & Weights			
	95%	96%	97%	98%	99%	99.5%				
	Flow Rate at the Outlet (scfh)						Height	Width	Depth	Weight
MNG-1010	45	37	31	24	17	13	51"	30"	18"	206 lbs
MNG-1110	74	63	52	41	29	21	51"	30"	18"	212 lbs
MNG-1210	134	113	92	73	51	38	51"	30"	18"	215 lbs
MNG-1220	268	226	184	146	102	76	51"	30"	18"	230 lbs
MNG-1230	402	339	276	219	152	114	51"	30"	18"	245 lbs
MNG-1240	536	452	368	292	204	152	51"	30"	18"	260 lbs

*Performance is based on 77°F, 101.5 psi at the Membrane and is +/-5%. Data will vary with temperature and pressure.

Optional Features

- Nitrogen buffer tanks
- Air compressor packages including air dryers
- Auto shutoff
- Oxygen analyzers
- Outdoor modifications / Stainless steel enclosures for harsh conditions



Let our technical representatives help you determine the right system to meet your specific nitrogen needs or answer any question you may have.

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