

Gas Generators



Nitrogen Gas Generators



FEATURES:

- PSA technology for producing nitrogen gas.
- Isolated compressor enclosure for noise reduction.
- Separate control relay extends life of timer unit.
- All process pipe-work is copper to prevent ingress of oxygen.
- Separate compressor enclosure for reduced noise and ease of service.

SPECIFICATION:

Nitrogen Gas Generators						
Model No.	N ₂ Flow-rate	Nitrogen Outlet Pressure (Barg)	Gas Purity (%)	Dimensions (WxDxH) mm	Weight (Kg)	Catalog No.
LNG 1 A	3,000 cc/min	5	<99.9995 (<5ppm O ₂)	450 x 665 x 725 (790 H inch feet)	55	40420101
LNG 1 B						40420102
LNG 2 A	4,000 cc/min	5	<99.5 (<0.5% O ₂)	320 x 300 x 650	27	40420103
LNG 2 B					42	40420104
LNG 3 A	4.0 ml/min	5	<99.99 (<100ppm O ₂)	450 x 665 x 725 (790 H inch feet)	55	40420105
LNG 3 B	6.0 ml/min		<99.9 (<0.1% O ₂)			40420106
LNG 4 A	Upto 30.0 NI/min	1-7	<99.5	450 x 665 x 725 (790 H inch feet)	80	40420107
LNG 4 B	Upto 25.0 NI/min				120	40420108
LNG 5 A	18.0 NI/min	7	<99.5	450 x 665 x 725 (790 H inch feet)	80	40420109
LNG 5 B	12.0 NI/min					40420110
LNG 6 A	0.6 Nm ³ /hr	5	<99.999 (<10ppm O ₂)	600 x 600 x 1100	100	40420111
LNG 6 B	1.0 Nm ³ /hr		<99.99 (<100ppm O ₂)			40420112
LNG 7 A	0.9 Nm ³ /hr	5	<99.999 (<10ppm O ₂)	600 x 600 x 1100	130	40420113
LNG 7 B	1.5 Nm ³ /hr		<99.99 (<100ppm O ₂)			40420114
Zero Nitrogen Gas Generators						
Model No.	N ₂ Flow-rate (cc/min)	Nitrogen Outlet Pressure (Barg)	Gas Purity (%)	Dimensions (WxDxH) mm	Weight (kg)	Catalog No.
LZNG 1 A	1,000	5	<99.9995	320 x 500 x 650	30	40420201
LZNG 1 B			(THC <0.1ppm)		45	40420202
LZNG 2 A	3,000	5	<99.9995	450 x 665 x 725 (790 H inch feet)	55	40420203
LZNG 2 B			(THC <0.1ppm)			40420204

Air Gas Generators



FEATURES:

- PSA technology for producing pure air.
- Isolated compressor enclosure for noise reduction.
- Separate control relay extends life of timer unit.
- All process pipe-work is copper to prevent ingress of moisture.
- PSA activated alumina carries a life-time warranty as standard.
- Separate compressor enclosure for reduced noise and ease of service.
- Service meter measures compressor hours not continuous hours, extended service intervals by upto 30%.

SPECIFICATION:

Air Nitrogen Gas Generators						
Model No.	N ₂ Flow-rate (cc/min)	Nitrogen Outlet Pressure (Barg)	Gas Purity (%)	Dimensions (WxDxH) mm	Weight (kg)	Catalog No.
LANG 1 A	N ₂ 1,000	5	N ₂ <99.9995, Air-55°C	320 x 500 x 650	30	40420301
LANG 1 B	Air 1,500				45	40420302
LANG 2 A	N ₂ 3,000	5	N ₂ <99.9995, Air-55°C	450 x 665 x 725 (790 H inch feet)	58	40420303
LANG 2 B	Air 3,000					40420304
Air Gas Generators						
Model No.	N ₂ Flow-rate (NI/min)	Nitrogen Outlet Pressure (Barg)	Gas Dew Point (°C)	Dimensions (WxDxH) mm	Weight (Kg)	Catalog No.
LAG 1A	3.0	5	Air -55	320 x 500 x 650	45	40420401
LAG 1 B	6.0					40420402
Zero Air Gas Generators						
Model No.	N ₂ Flow-rate (cc/min)	Operating Pressure (Barg)	THC removal (ppm)	Dimensions (WxDxH) mm	Weight (Kg)	Catalog No.
LZAG1 A	1,500	0-10	<0.1	250 x 300 x 300	15.0	40420501
LZAG1 B	3,000			250 x 500 x 300		40420502

Hydrogen Generator



FEATURES:

- Hydrogen is produced through a patented electrolytic cell.
- Demineralized water is loaded into the electrolytic from a small water tank. The patented cell electrolysis the water producing hydrogen. Oxygen is than safely dissipated into the atmosphere.
- Hydrogen flows through a stainless steel desiccant cartridge for moisture removal.
- The smallest in the market.
- Electronic pressure regulator (max. 10 bar).
- Micro processor controller.
- LCD Display show set points, operating conditions and system status.
- Cascading of 2 or more units (optional).
- Remote control (optional).
- CE Mark and CSA compliant.
- No caustic solutions and pump required.
- Safety increased.

SPECIFICATION:

Model No.	H ₂ Flow-rate (cc/min)	H ₂ Purity (%)	Delivery Pressure	Safety	Dimension (LxHxP) mm	Outlet Port	Weight (Kg)	Catalog No.
LPGH ₂ 100	100	>99.999	1-100 psig/ 0.1-7.0 barg	Auto shut-off,	220 x 390 x 330	1/8 Swagelok	16	40420601
LPGH ₂ 160	160			low internal				40420602
LPGH ₂ 250	250			volume of				40420603
LPGH ₂ 500	500			H ₂ < 50 ml			17	40420604



LABNICS EQUIPMENT PVT. LTD.

43040 Christy St., Fremont, CA 94538 USA,

Toll Free : (877) 620 9992

Tel. : (925) 271 4322

Fax : (925) 886 0400

Email : info@labnics.com

Website : www.labnics.com

