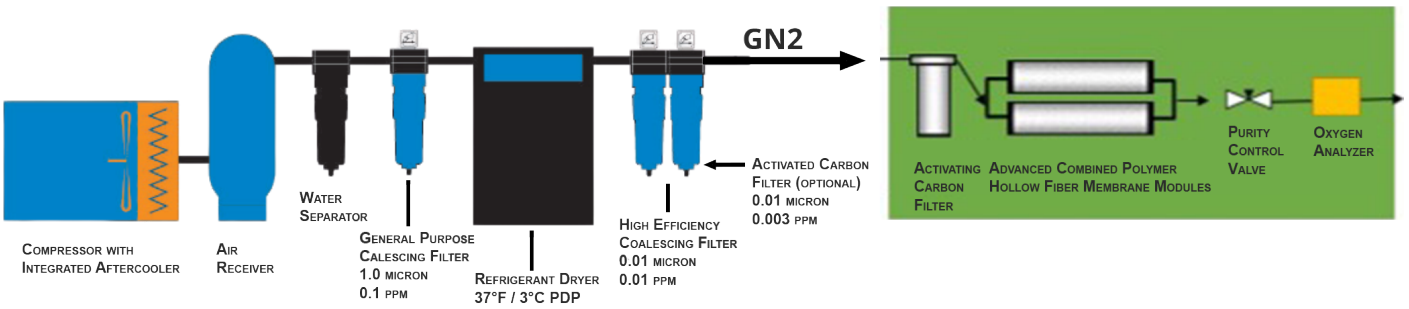
Nitrogen Generator
NITROGEN ON WALL
Series: NOW CP330-G2

Typical Applications:
- Laboratory and Medical Testing
- Autoclave
- Heat Treatment
- Food/Coffee Packaging
- Boiler Shut Downs
- Inerting of Flammable Liquids & Gases
- Wine Packaging
- Electronics
- Brazing/Soldering
- Blanketing of Chemical & Pharmaceuticals
- Blanketing of Cosmetics
- Dry Sprinkler

For over 40 years, GENERON® has been a world leader in the design and fabrication of Nitrogen Generators and has supplied over 9,000 low power and low maintenance Nitrogen Generators from cabinets to large containerized systems.

GENERON's Now Panel Series is designed and fabricated using patented GENERON®Hollow Fiber Membranes. This highly engineered system enables high flow rates in a small modular design. The membrane module contains thousands of fibers. Compressed feed air is passed down the bores of the fibers at one end of the module with enriched nitrogen product gas exiting from the opposing end. Oxygen and water vapor are selectively removed and vented from the feed air as it flows to the other end of the module.

Standard Components:
- Patented Combined Polymer Hollow Fiber Membranes (high performance module delivery)
- Oxygen Analyzer (with two dry contacts, output alarms, 4-20mA output signal) 120 volt
- Activated Carbon Filter (with an integrated .01 particulate filter wrap)
- Powder Coated Steel Back Panel
- Factory Set Purity Control Valve
- Feed and discharge pressure gauges
- Easy piping connects through union fittings



ISO 8573-1 2010: 1, 4, 1 used when ambient temperatures are above 50°F (PFD Diagram Above)
ISO 8573-1 2010: 1, 2, 1 used when ambient temperatures are below 50°F

NITROGEN ON WALL: SERIES - NOW CP330-G2

Nitrogen Membrane NOW CP330-G2 Series Specifications & Performance						
Feed Pressure 100PSIG						
Purity %	95%	96%	97%	98%	99%	99.5%
Recovery %	49.3	45.5	41.3	36.5	30.0	24.9
Nitrogen Flow						
SCFH	432	364	300	240	178	120
NM3H	11.36	9.57	7.89	6.31	4.68	3.15
Feed Pressure 200PSIG						
Purity %	95%	96%	97%	98%	99%	99.5%
Recovery %	52.5	48.8	44.7	39.9	33.4	28.3
Nitrogen Flow						
SCFH	1,038	872	716	568	420	324
NM3H	27.29	22.92	18.82	14.93	11.04	8.52

STD: 80°F 14.7 PSI Inlet Temperature 80°F Dew Point 40°F or < ISO 8375 Class 1, 4, 1 +/- 3% Contact Factory for purity requirements over 99.5%, purities up to 99.999%, and higher pressure applications

Nominal Weight and Dimensions				
Standard	L	W	H	Weight
in/lbs	50	8	50	82
mm/kg	1,270	203	1,270	37

Advantages of Membrane Generation:

- GENERON® patented high performance modules are manufactured in our US facility in CA
- No need for hazardous storage or connections
- Easy installation
- No moving parts
- Minimal maintenance required
- Zirconium Oxide sensor (five-year durability)
- Low feed air pressure required
- Low feed air flow volumes required
- Low nitrogen generating cost
- No floor space required
- Less < 4 sq. ft of wall space required

Options:

- Inlet Filtration Package:
  - A. Moisture separator
  - B. 1, and/or .01 Micron Coalescing filters
- Auto Standby
- Product flow meter (thermal dispersion with display)
- Product Compression Booster up to 4,500psig

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MADE IN THE USA

GENERON®

QUALITY SYSTEM CERTIFICATION DNV ISO 9001

CAGI Compressed Air & Gas Institute