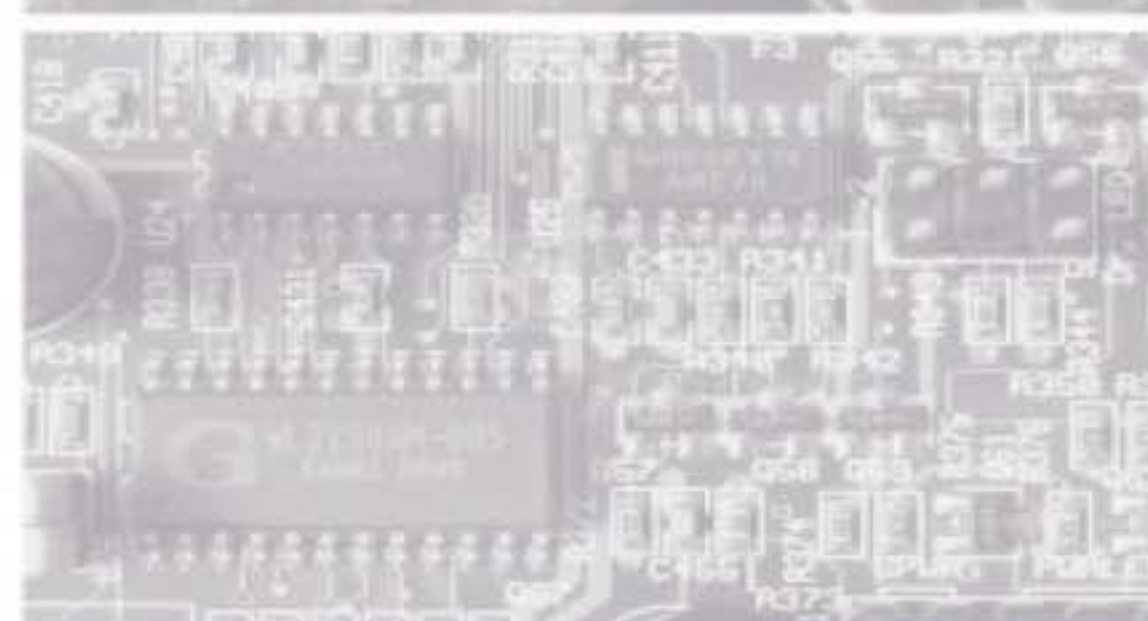
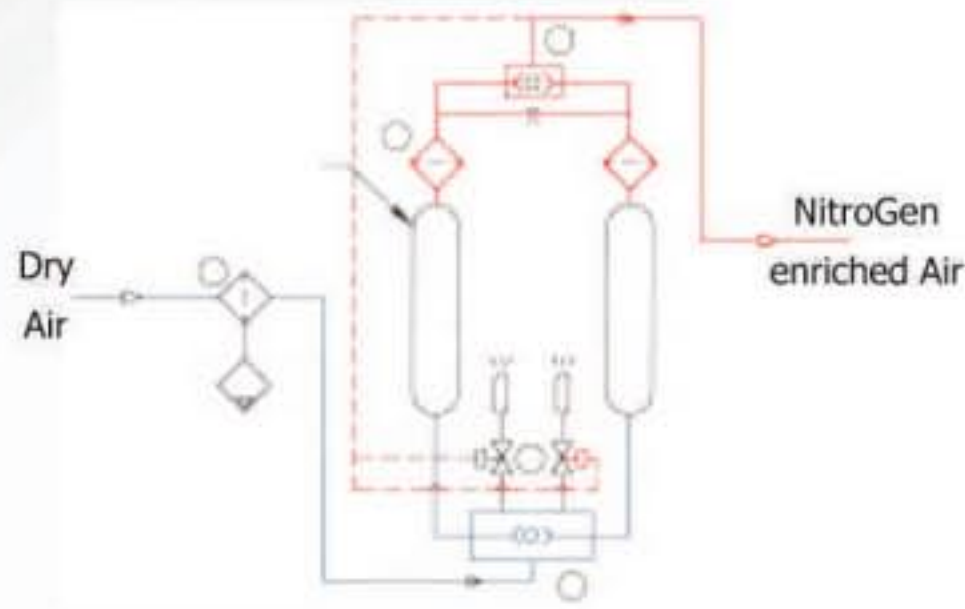


Lasting Values



NitroGen Generator

- Maximum working pressure : 12 bar (g)
- Air inlet condition : ISO 8573 - 1 : 2010 Class 1-4-1
- Pre filter rating : 0.3 micron
- Operating Voltage: 85-265 V AC, 50/60 Hz, 1ph



While pressure building on aluminum tower, second remains without pressure. A part of produced gas is used for the regeneration of the molecular sieves.

For nitrogen carbon molecular sieves is used and it will be fully regenerative.

Working Principle

Air from the dryer is sent through the coalescing filter. Here water & Oil coalesces, gets purged through the auto drain valve.

Here uses two aluminum tower filled with molecular sieves to ensure continuous production. The dry air passes through the aluminum tower. Oxygen is tied to a molecular sieves during building of pressure on aluminum tower and then the nitrogen is let out through the outlet port for use.

Application

- Metallurgical Industry
- Synthetic and fiber Industry
- Chemical Industries
- Food Packaging Industry
- Pharmaceutical Industry
- Cable & Optical Fiber Industry
- Electronic Industry
- Plastic Injection Molding
- Laser Cutting
- Semiconductor manufacturing
- Metal Heat treatment
- Glass Industry

| Model | N2 Flow rate Cu.m/hr at indicated N2 Purity in % | | | | | | |
|---------------|--|-------|-------|-------|-------|--------|--------|
| | 99.999 | 99.99 | 99.9 | 99.5 | 99 | 98 | 97 |
| NitroGen 40 | 0.44 | 0.78 | 1.68 | 2.50 | 3.00 | 3.50 | 4.00 |
| NitroGen 125 | 1.31 | 2.35 | 5.03 | 7.50 | 9.00 | 10.50 | 12.00 |
| NitroGen 165 | 1.75 | 3.13 | 6.70 | 10.00 | 12.00 | 14.00 | 16.00 |
| NitroGen 200 | 2.19 | 3.91 | 8.38 | 12.50 | 15.00 | 17.50 | 20.00 |
| NitroGen 250 | 2.63 | 4.70 | 10.05 | 15.00 | 18.00 | 21.00 | 24.00 |
| NitroGen 450 | 4.73 | 8.45 | 18.09 | 27.00 | 32.40 | 37.80 | 43.20 |
| NitroGen 900 | 9.45 | 16.90 | 36.18 | 54.00 | 64.80 | 75.60 | 86.40 |
| NitroGen 1350 | 14.18 | 25.35 | 54.27 | 81.00 | 97.20 | 113.40 | 129.60 |

Manufacturing Facility



Our Presence



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Our other Range of Products

- Time based Auto Drain Valve
- Level Sensing Auto Drain Valve
- Refrigeration Dryer
- Blower Reactivated Dryer
- Submicron Filter
- Oil Water Separator

