

TRIDENT PNEUMATICS PVT LTD

5/232,K.N.G. Pudur road, Coimbatore -641 108. India

Ph: +91 422 2400492 x223 Fax: +91 422 2401376

Email: sales@tridentpneumatics.com

www.tridentpneumatics.com



FACT SHEET



PRODUCT NAME : NITROGEN GENERATOR
MODEL : NITROGEN 40
ITEM CODE : PG004

Engineering Quality Air & Gas

Trident reserves the right to change products or specifications without notice

Rev 0
02/17

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SPECIFICATIONS

Nitrogen Flow Vs Purity :

N2 Flow (N cu.m/hr)	2.43	5.30	7.80	9.36	10.92	12.48	15.60
N2 Purity (%)	99.99	99.9	99.5	99	98	97	95

Inlet Air requirement : 25.0 N cu.m/hr
Maximum Operating Pressure : 9 bar (g) (130.5 PSI (g))
Air Inlet Temperature : 104°F Max
Rated Operating Pressure : 7 bar(g) (101.5 PSI (g))
Operating Voltage : 100-240 VAC 50/60 Hz 1 Ph
End Connection : 1/2" NPT (F)
Inlet Air Condition : Inlet air quality must comply with ISO 8573 Class 4

TECHNICAL DATA

ADSORBER DATA

- Type of adsorbent : Carbon Molecular Sieves
- Adsorber Shell : Aluminum IS 63400
- Top & Bottom Block : Aluminum IS 63400

PRE-FILTER DATA

- Make : Trident
- Model : T100
- Micron rating : 0.01micron
- Filtering media : Borosilicate Element(Y – type)
- Efficiency : 99.9%
- Utilities : Autodrain valve (IA)

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INBUILT AFTER FILTER DATA

- In built After Filter Micron Rating : 25 micron (ISO:8573-1:2010 (E) Class 5)

ELECTRICAL DATA

- Controller : Custom Made Micro-Processor Based
- Make : Trident
- Input Voltage : 100-240 VAC 50/60 Hz 1 Ph
- Output : 24VDC/8watts Solenoid coils
- Analog Input : 2 nos (4 – 20 mA) (Oxygen & Pressure Sensor)
- Display : Indication in LCD for Tower status