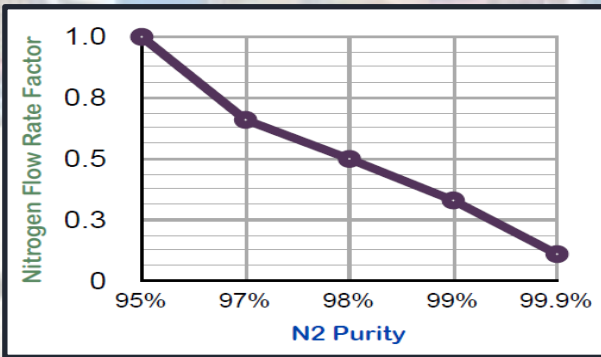


Equipment Data Sheet:
NITROGEN GENERATOR

(1000 NM³)

Equipment Type	Membrane Material	Nitrogen Separation Principle	Coarse & Fine Air Filters	Oil Filter type	Hydro carbon Vapors Filter type	Chassis
Membrane Type	Polyamide Hollow Fiber	Selective Permeability	Borosilicate Coalescing Filters	Coalescing Filters	Activated Carbon Filters	Containerized Unit

Weight & Dimensions	
Length	6100 mm
Width	2440 mm
Height	2400 mm



TECHNICAL INFORMATION

Make	MVS ENGINEERING LTD	Power Supply	415 V AC, 3 Phase, 50Hz.
Nitrogen Capacity @ 95% purity	1000 Nm ³ /hr	Connected Load	3-Phase, 45 KWH/hr.
Input Medium	Compressed Air	Discharge Fluid	High Purity - 99% N2 Gas
Compressed Air Inlet Pressure	21 to 24 Bar G	N ₂ Pressure available at Outlet	20 to 24 Barg
Inlet Flow Rate required	3300 Nm ³ /hr	Outlet Flow Rate Produced	1000 Nm ³ /hr
Max Inlet temperature	60°C	Operating Temperature(Ambient)	55° C
N ₂ dryness	(-40°C) Dew Point	Oxygen Analyser	Digital type

Flow v/s Purity

Nitrogen Purity	Nitrogen Capacity Nm ³ /hr.	Air Required Nm ³ /hr.
99.50%	730	2850
99%	1000	3300
98%	1460	3740
97%	1850	4160
96%	2260	4610
95%	2650	5010

