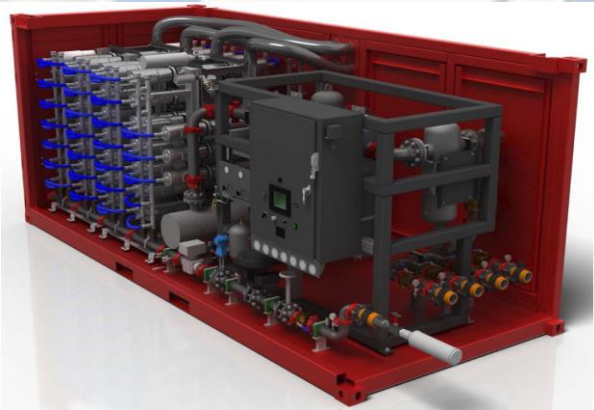


Equipment Data Sheet:
NITROGEN GENERATOR

(2000 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	DNV Certified Containerized Unit

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



TECHNICAL INFORMATION

Make	PCI International Ltd.	Power Supply	415 V AC, 3 Phase, 50Hz.
Nitrogen Capacity @ 95% purity	2000 Nm ³ /hr	Connected Load	3-Phase, 100 KWH/hr.
Input Medium	Compressed Air	Discharge Fluid	High Purity - 99% N2 Gas
Compressed Air Inlet Pressure	21 to 25 Bar G	N ₂ Pressure available at Outlet	20 to 24 Barg
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

Membrane inlet Pressure PSI	Nitrogen Purity %	Membrane inlet Temp F	N2 Flow rate scfm	Feed Air at membrane inlet scfm	Membrane recovery rate N2 %
350	95	125	2000	3499	57.16%
350	96	125	1700	3173	53.59%
350	97	125	1400	2826	49.54%
350	98	125	1100	2464	44.64%
350	99	125	800	2118	37.77%

