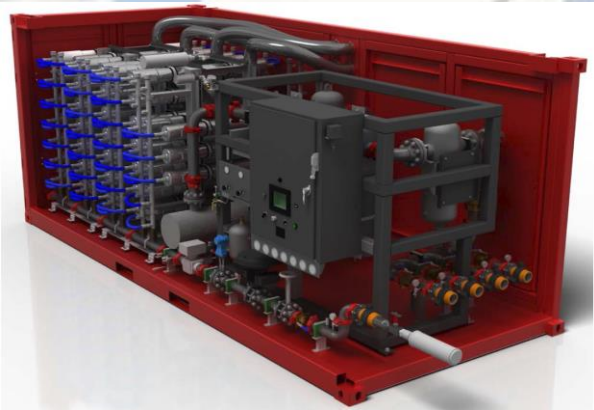


Equipment Data Sheet:
NITROGEN GENERATOR

(3000 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	3000 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

Model	Membrane inlet Pressure PSI	Nitrogen Purity %	Membrane inlet Temp F	N2 Flow rate scfm	Feed Air at membrane inlet scfm	Modules	Membrane recovery rate N2 %
PA6050-P3	340	95	125	3000	5257	77	57.07%
PA6050-P3	340	96	125	2550	4765	77	53.51%
PA6050-P3	340	97	125	2100	4245	77	49.48%
PA6050-P3	340	98	125	1675	3761	77	44.54%
PA6050-P3	340	99	125	1225	3253	77	37.66%

