

NitroVap Generator

for Turbo Vaps

Distributed by:



Carl Stuart Limited

ADVANCED APPLIED TECHNOLOGIES

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Nitrogen on Demand, up to 350 lpm

The Parker Balston NitroVap nitrogen generator can produce up to 350 lpm of pure nitrogen at pressures up to 8 bar. The generator is engineered to transform standard compressed air into a safe supply of nitrogen with minimal operator attention.

With a 'sleep' economy mode, high volumes of nitrogen are available as required making this an ideal generator for Turbo Vaps, sample concentrators and solvent evaporator applications.



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Product Features:

- Pay back periods typically less than one year
- Requires minimal installation and operator attention
- Designed to run 24 hours a day
- Sleep economy mode
- Flow rates up to 350 lpm
- Compact design

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Nitrogen is produced by utilising a combination of filtration and membrane separation technologies. A supply of compressed air is filtered by high efficiency coalescing filters to remove all contaminants down to 0.01 micron.

Patented propriety hollow fibre membranes then separate the air into a concentrated pure nitrogen stream. Membrane technology offers some unique performance benefits including phthalate free nitrogen, silent operation, no

moving parts and no electrical requirements. There are 10,000's of systems using Parker Balston membrane technology installed worldwide.

Principal Specification

Model	NitroVap-1LV	NitroVap-2LV
Purity	Up to 95%	Up to 95%
Flow Rates	200 lpm	350 lpm
Inlet Pressure	4.1 bar to 10 bar (7 bar recommended)	4.1 bar to 10 bar (7 bar recommended)
Inlet Connection	1/4" NPT (Female)	1/4" NPT (Female)
Outlet Connection	1/4" NPT (Female)	1/4" NPT (Female)
Ambient Temperature	10 to 35°C	10 to 35°C
Electrical Requirements	Not Required	Not Required
Power Consumption	N/A	N/A
Dimensions (H x W x D)	410 x 270 x 340 mm	410 x 270 x 340 mm
Weight (Shipping)	22 Kg (24)	22 Kg (24)

Ordering Information

Description	Model Number
200 lpm NitroVap Nitrogen Generators	NitroVap-1LV
350 lpm NitroVap Nitrogen Generators	NitroVap-2LV
Installation Kit	IK76803

Maintenance Items	Model Number	Change Frequency
Maintenance Kit 1LV and 2LV	MKNITROVAP	12 Months