PSA NITROGEN GENERATOR NX Series

Nitrogen from 1 – 25 Nm³/h
Purity from 95 – 99.999%
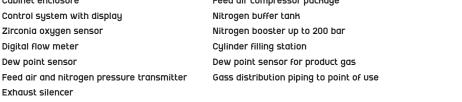

PSA NITROGEN GENERATOR

The NGP+ nitrogen generators are some of the most energy-efficient generators worldwide for the in-house production of nitrogen. Through the innovative designed, the potential of the PSA technology is optimally used. This has the result that a constant nitrogen quality with a very high level of effectiveness can be guaranteed, even with a very cyclical nitrogen demand. As a result, the compressed air demand could be drastically lowered.

NGP+ Series

The NGP+ series is the newest generation of PSA nitrogen generators from Atlas Copco. NGP+ offers the most complete scope of supply and the highest energy-efficiency. It comes standard equipped with CMS of the highest quality, extensive safety and monitoring features and options to regulate pressure and purity.

Typical Performance Data	
Capacity	1 to 26 Nm3/h 99.999%
Purity	95 – 99.999 %
Discharge Pressure	6 bar

Features	
Premium Energy Effciency	Air to N_2 1.8 (95%) to 6.6 (99.999%) N_2
	Less feed air to produce more nitrigen dt desired purity
First Class of Component	Fully made in Europe, only high quality components instslled to assure the system performance and reliability
Self-Protective Monitoring of Feed Air Quality	Automatic feed air cut-off in case of contamination
	High dew point & pressure alarm
Superior Control System	Controller with display for full communication and monitoring possibilities. Remote strat-stop, Modbus, Profibus and Ethernet
Convenience	Non-stop available or gas on demand, supple, automatic and unattended operation.
Plug & Play	Ready to use, only required a supply of dry compressed air.

Standard Equipment & Components	Option
Cabinet enclosure	Feed air compressor package
Control system with display	Nitrogen buffer tank
Zirconia oxygen sensor	Nitrogen booster up to 200 bar
Digital flow meter	Cylinder filling station
Dew point sensor	Dew point sensor for product gas
Feed air and nitrogen pressure transmitter	Gass distribution piping to point of use
Exhaust silencer	
Interconnect process piping and fittings	