



Nitrogen Gas Generator MAXIGAS104 - MAXIGAS120

Preventative Maintenance Guide



ENGINEERING YOUR SUCCESS.

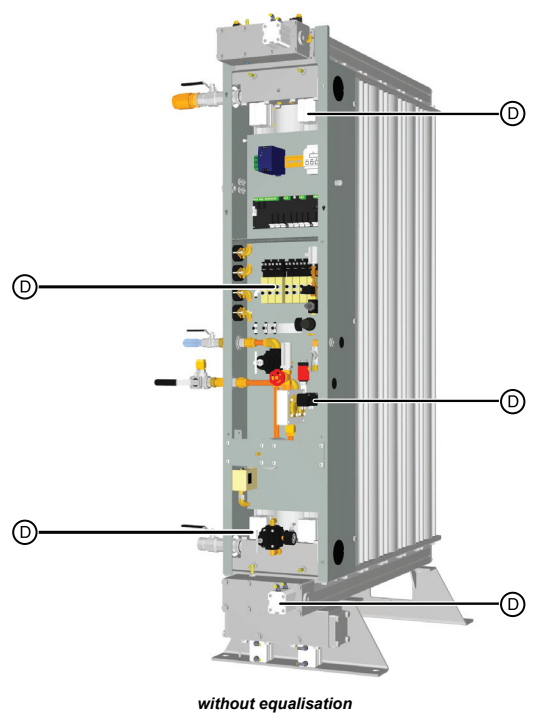
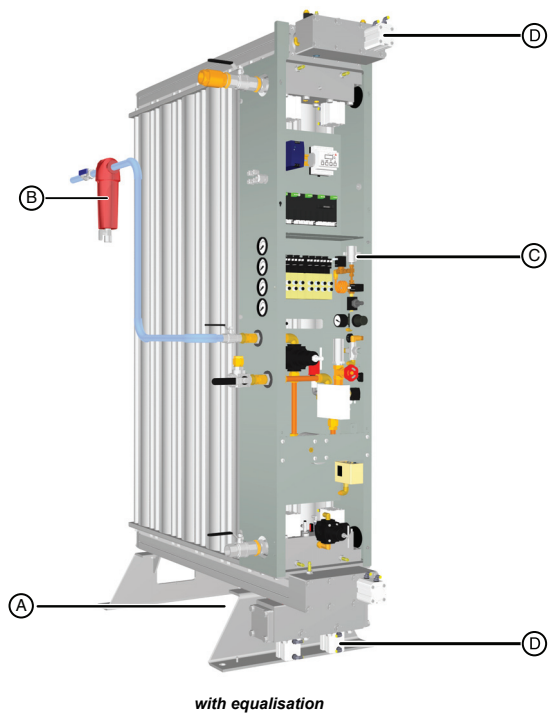
Service Intervals

Description Of Service Required		Service Recommended Every: ¹					
Component	Operation	Daily	3 Months (2000 Hrs.)	6 Months (4000 Hrs.)	12 Months (8000 Hrs.)	24 Months (16000 Hrs.)	36 Months or 16000 Hrs.
Generator	Check the status indicators located on the front panel.	☞					
System	Check the inlet air quality.		☞				
Generator	Check for air leaks		☞				
Generator	Check the pressure gauges during purging for excessive back pressure.		☞				
Generator	Check the condition of the electrical supply cables and conduits.		☞				
Generator	Calibrate oxygen sensor		🔄				
Generator	Check for cyclic operation			☞			
Generator	Replace Silencer Recommended Service A				🔧		
Filtration	Replace buffer tank filter. Recommended Service B				🔧		
Generator	Replace and calibrate oxygen sensor Recommended Service C					🔧	
Generator	Replace/Service valves Recommended Service D						🔧

1. The service operations should be performed at the hours run or fixed time intervals specified (whichever occurs first)

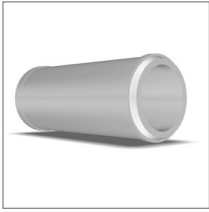
Key:

☞	Check	🔧	Essential Procedure	🔄	Essential Procedure
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Preventative Maintenance Kits

Recommended Service A - Required every 8000 Hours (12 months)



Description	Catalogue Number	Technical Reference	Contents
Kit: Exhaust Silencer	608620090	608620090	Silencer Element

Recommended Service B - Required every 8000 Hours (12 months)



Please check the filter housing model number for the element required.

Description	Catalogue Number	Technical Reference	Contents
Kit: Filter Element	020AO	020AO	020AO Filter Element
Kit: Filter Element	025AO	025AO	025AO Filter Element

Recommended Service C - Required every 16000 Hours (24 months)



Description	Catalogue Number	Technical Reference	Contents
% Oxygen Cell (1x)	M24.PCT.0002	M24.PCT.0002	% Cell c/w wiring
PPM Oxygen Cell (1x)	M24.PPM.0002	M24.PPM.0002	PPM Cell c/w wiring

Recommended Service D - Required every 16000 Hours or 36 months (whichever occurs first) with equalisation

Description	Catalogue Number	Technical Reference	Contents
Valve Overhaul	606500005	606500005	Air Inlet Valves (Catalogue No. 606500013) N2 to Buffer Tank Valves (Catalogue No. 606500019) Exhaust Valves (Catalogue No. 606500014) Control Valves (Catalogue No. 606500170) Outlet Valves (Catalogue No. 606500010) Equalisation Valves (Catalogue No. 606500011)

without equalisation

Description	Catalogue Number	Technical Reference	Contents
Valve Overhaul	606500004	606500004	Air Inlet Valves (Catalogue No. 606500013) N2 to Buffer Tank Valves (Catalogue No. 606500019) Exhaust Valves (Catalogue No. 606500014) Outlet Valves (Catalogue No. 606500010) Control Valves (Catalogue No. 606500168)

Air Inlet Valves



Description	Catalogue Number	Technical Reference	Contents
Kit: Air Inlet Valves	606500013	606500013	Cylinder Valves (x2) Associated O-rings Fixing Screws

N2 to Buffer Tank Valves



Description	Catalogue Number	Technical Reference	Contents
Kit: N2 to Buffer Tank Valves	606500019	606500019	Cylinder Valves (x2) Associated O-rings Fixing Screws

Exhaust Valves



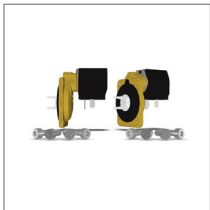
Description	Catalogue Number	Technical Reference	Contents
Kit: Exhaust Valves	606500014	606500014	Cylinders (x2) Valve Stems (x2) Associated O-rings Fixing Screws

Control Valves



Description	Catalogue Number	Technical Reference	Contents
Kit: Control Valves (With Equalisation)	606500170	606500170	7-Bank Solenoid Valve Fixing Screws Adaptor Plate
Kit: Control Valves (Without Equalisation)	606500168	606500168	6-Bank Solenoid Valve Fixing Screws Adaptor Plate

Outlet Valves



Description	Catalogue Number	Technical Reference	Contents
Kit: Outlet Valves	606500010	606500010	Valve Bonnets (x2) Fixing Screws

Equalisation Valves



Description	Catalogue Number	Technical Reference	Contents
Kit: Equalisation Valves	606500011	606500011	Cylinder Valves (x2) Associated O-rings Fixing Screws

Aftermarket

Compressed air equipment users demand much more than the supply of high quality products in order to maintain a competitive edge.

Modern production technology is increasingly demanding the provision of a higher purity and more reliable compressed air supply. Products and solutions that are manufactured by Parker domnick hunter are designed to provide air quality that meets with and often exceeds international standards.

As well as the requirement for air purity and reliability, there are additional factors to consider when choosing the right service provider for your compressed air and gas purification system. For example, knowledge of the many regulations regarding the management of industrial waste, energy efficiency improvement programs and consideration of any environmental impact. It is anticipated that future legislations will demand further in-depth technical and knowledge-based support from service providers.

Our commitment to industry does not stop with the supply of high quality products. We are also committed to ensuring that our equipment provides high performance by providing a trouble-free service from a bespoke maintenance and verification package – all tailored to your own specific requirements.

We offer a wide range of valuable services that will impact positively on your drive towards improved production efficiency and product quality with reduced production rejections and operational costs.

From initial selection to installation, commissioning, preventative maintenance and specialised services, Parker domnick hunter is redefining customer service.



Filter Elements and Consumable Parts	Maintenance, Repair and Overhaul	Customer Support	Specialised Services
Genuine Replacement filter elements Preventative Maintenance Kits Repair Kits Installation Kits Upgrade Kits	Installation and Commissioning Maintenance and Repair Updates and Upgrades Service Contracts Parts Service Warranty	Business Development Technical Support Group Training Technical Publications	Air Quality Testing Dewpoint Measurement Leak Detection Particle Counting Micro-biological Testing



Servicereminder.com is a web based reminder service designed to track when service work is due to be carried out. This enables you to contact our customers at the optimum time to sell replacement filter elements and other service kits. It is free to register simply log on to www.servicereminder.com and select New User Registration.

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