



# Compressed Air & Gas Treatment On-Site Gas Generation Process Cooling



**N<sub>2</sub> ECOGEN2 090 to 130 (Discontinued)**  
Parts Guide



# LOW FLOW NITROGEN GENERATORS

# N<sup>2</sup>

ECOGEN2 090 to ECOGEN2 130

## Service Intervals for ECOGEN2

### Daily Checks

- Check the unit for any signs of external damage.
- If the red service indicator is active, the unit must be serviced to ensure continued operation.
- Remove any loose dust or dirt from the unit, clean all surfaces that appear to have attracted unwanted contaminants.
- Ensure the unit is operating within the specification
- Always check all connections for any leaks.
- Ensure all loose parts are removed or secured to the unit before operation.

## Service Intervals

Service	Time Period (Months)				
	12	24	36	48	60
A	✓	✓	✓	✓	✓
B		✓		✓	
C				✓	
D					✓

### Service A - Every 1 year (12 months)

- Ensure that maintenance of pre-filtration package is done
- Replace buffer vessel filter element
- Replace external exhaust silencer/muffler element
- Applicable to all models

### Service B - Every 2 year (24 months)

- Replace exhaust valves
- Replace inlet valves
- Replace nitrogen outlet valve
- Replace solenoid coils
- Applicable to all models

### Service C - Every 4 year (48 months)

- Replace oxygen analyzer solenoid valve (if fitted)

### Service D - Every 5 year (60 months)

- Replace oxygen sensor (if fitted)





### Service 'A' Details

#### Ensure maintenance of pre-filtration package is done

Pre-filtration package may vary from one installation to another. Consult filter housings name plate for model of filter housings and for replacement filter elements. For more information on filters, consult the NF or GFN filter parts guide.

Consult the dryer name plate for model of dryer and follow prescribed maintenance schedule for the dryer. Consult the proper parts guide. (optional if fitted) Consult the carbon adsorber name plate for model of carbon adsorber. For more information on carbon adsorbers, consult the NVR or AKC parts guide.

#### Replace external buffer vessel filter element

External buffer vessel filter may vary from one installation to another. Consult filter housing name plate for model of filter housing and of replacement filter element. For more information on filters, consult the NF or GFN filter parts guide.

#### Replace external exhaust silencer/muffler element

ESK-110

### Service 'B' Details

#### Replace exhaust , inlet and outlet valves, and solenoid coils

Complete exhaust, inlet, outlet valves and coils kit NOCK-100-024

Replacement 1/2" nitrogen outlet valve NOVK-130

### Service 'C' Details

#### Replace Oxygen Sensor Solenoid Valve (if fitted)

Oxygen sensor solenoid valve kit\* B-SSVK-130  
\*two required with units with PDES

### Service 'D' Details

#### Replace oxygen sensor(s)

Replacement zirconia % cell*	31-100-1530
*two required with units with PDES	



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## Kit Details and Individual Parts

### Exhaust Silencer Kits

ESK-110



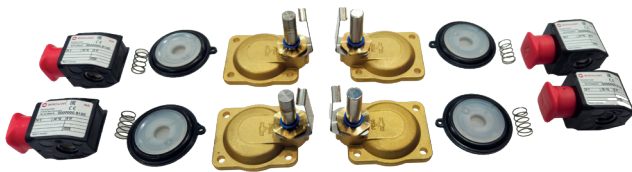
### Pilot Oxygen sensor solenoid valve kit

B-SSVK-130



### Complete exhaust, inlet, outlet valves and coils kit

NOCK-100-024



### Replacement zirconia % cell

31-100-1530



### Replacement 1/2" nitrogen outlet valve

NOVK-130





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