



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

A background image consisting of a 3D wireframe grid of cubes, rendered in a blue color scheme. The cubes are semi-transparent and appear to be floating in a digital space. Some of the cubes have the nano logo on their faces.

**L<sup>1</sup> NDC 015 to 1200**  
Parts Guide



# LAB GAS CO<sub>2</sub> REMOVAL DRYERS

NDC 015 to NDC 1200



## Service Intervals for L<sup>1</sup> NDC

### 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
<b>FILTER</b>	✓	✓	✓	✓
<b>A</b>		✓		✓
<b>B</b>				✓

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

- Replace external coalescing pre-filter element
- (optional if fitted) Replace any external particulate or activated carbon filter element
- Replace any external filter internal float drain
- Applicable to all models

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

- Replace quick repress valve (QRV) (models NDC 015 to NDC 300)

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

- Replace exhaust silencer strip (models NDC 015 to NDC 600)
- Replace external exhaust silencer/muffler element (models NDC 900 to NDC 1200)
- Replace desiccant cartridges all models
- Replace top manifold gasket seals all models
- Replace internal inlet and outlet ball valve & seals (models NDC 015 to NDC 600)
- Replace exhaust valves all models
- Replace inlet valves (models NDC 900 to NDC 1200)
- Replace outlet valves (models NDC 900 to NDC 1200)
- Replace solenoid coils all models





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NDC 015 to NDC 1200



## Service 'FILTER' Details

### Replace external coalescing pre-filter element

External coalescing pre-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 any external particulate or activated carbon filter element (Optional if fitted)

External particulate and activated carbon 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 any external filter internal float drain

NF 0008 to 0050 filter housing	NDK 0050
GFN 0006 to 0050 filter housing	GFDK 0050

## Service 'A' Details

### Replace exhaust silencer strip or external exhaust silencer/muffler element

Exhaust silencer kit for NDC 015 to NDC 140	ESK-010
Exhaust silencer kit for NDC 300	ESK-030
Exhaust silencer kit for NDC 300	ESK-050
Exhaust silencer kit NDC 900 to NDC 1200	ESK-130

### Replace desiccant cartridges, inlet and outlet ball valve & top manifold gasket seals

All L<sup>1</sup> NDC 015 to NDC 600 service kits includes:

- (2) desiccant cartridges with outlet filtration
- (2) valve balls
- (6) o-rings
- (2) gasket seal

Kit for NDC 015 and NDC 050	NDK 011
Kit for NDC 140	NDK 021
Kit for NDC 300	NDK 031
Kit for NDC 600	NDK 051
Kit for NDL 120	NDK 120
Kit for NDL 130	NDK 130

All L<sup>1</sup> NDC 900 to NDC 1200 service kits includes:

- (2) desiccant cartridges with outlet filtration
- (6) o-rings
- (2) gasket seal

Kit for NDC 900	NDK 061
Kit for NDC 1200	NDK 071

### Replace exhaust valves, inlet valves (NDC 900 to NDC 1200) outlet valves (NDC 900 to NDC 1200 and solenoid coils

Complete valve rebuild kit for NDC 015 to NDC 600 includes:

- (2) exhaust valves with diaphragm
- (2) 24 vdc coils

Kit for NDC 015 to NDC 600	NVK 050-024
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Complete valve rebuild kit for NDC 900 to NDC 1200 includes:

- (1) inlet valve kit
  - o (2) valves
  - o (2) coils when applicable
- (1) exhaust valve kit
  - o (2) valves
  - o (2) coils
- (1) outlet check valves kit

Kit for NDC 900 to NDC 1200	NOKO-100-024
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## Service 'B' Details

### Replace quick repress valve (QRV) (models NDC 015 to NDC 300)

Quick repress valve for NDC 015 to NDC 300	31-100-0191
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NDC 015 to NDC 1200

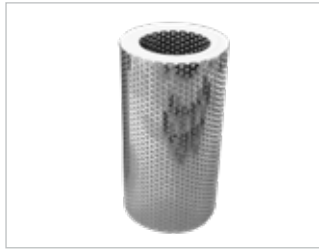


## Kit Details and Individual Parts

### Exhaust Silencer Kits

ESK-010, ESK-030, ESK-050

ESK-130



### Replacement Desiccant Kit

NDK 011, for NDC 015 and NDC 050

NDK 021, for NDC 140

NDK 031, for NDC 300

NDK 051, for NDC 600

NDK 061, for NDC 900

NDK 071, for NDC 1200



### Complete Valve Rebuild Kit

NVK 050-024 for NDC 015 to NDC 600



NOKO-100-024 for NDC 900 to NDC 1200



### Quick Repress Valve

31-100-0191 for NDC 015 to NDC 300





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