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

D[1] NDL 010 LDP to 050 LDP – USA

Parts Guide

LOW DEW POINT HEATLESS MODULAR AIR DRYERS USA VERSION

NDL 010 LDP to NDL 050 LDP

D1

Service Intervals For D1 NDL LDP

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
A	✓	✓	✓	✓
B		✓		✓
C				✓
E*	✓	✓	✓	✓

(ES models only)

Service A - Every 1 year (12 months)

- Replace external coalescing pre-filters elements
- (optional if fitted) Replace any external particulate or activated carbon filter element
- Replace any external filter internal float drain Replace any external filters internal float drains or clean external time drains strainers
- Replace external exhaust silencer/muffler element
- Applicable to all models

Service B - Every 2 year (24 months)

- Replace desiccant cartridges
- Replace top manifold gasket seals
- Replace internal inlet and outlet ball valve & seals
- Applicable to all models

Service C - Every 4 year (48 months)

- Replace exhaust valves
- Applicable to all models

Service E - Every 1 year (12 months)

- Replace dew point sensor
- Applicable to ES models only

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Service 'A' Details

Replace external coalescing pre-filters element

External coalescing pre-filters may vary from one installation to another. Consult filter housings name plate for model of filter housings and of replacement filter elements. 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 drains if equipped

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

Replace external exhaust silencer/muffler element

Exhaust silencer kit for NDL 010 LDP	ESK-010
Exhaust silencer kit for NDL 020 LDP	ESK-020
Exhaust silencer kit for NDL 030 LDP	ESK-030
Exhaust silencer kit for NDL 040 LDP	ESK-040
Exhaust silencer kit for NDL 050 LDP	ESK-050

Service 'B' Details

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

All D¹ NDL LDP service kits includes:

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

Kit for NDL 010 LDP	NDK 010
Kit for NDL 020 LDP	NDK 020
Kit for NDL 030 LDP	NDK 030
Kit for NDL 040 LDP	NDK 040
Kit for NDL 050 LDP	NDK 050 LDP

Service 'C' Details

Replace exhaust valves

Complete valve rebuild kit includes:

- (2) valves with diaphragm
- (2) 24 VDC coils

Kit for NDL 010 to 050	NVK 050-024

Service 'E' Details (only if fitted with ES option)

Replace dew point sensor

ES option service kit	NSK 130

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D1

Kit Details and Individual Parts

Exhaust Silencer Kits

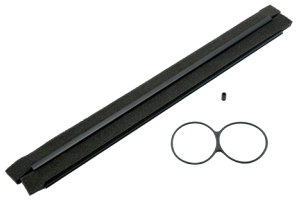
ESK-010, for NDL 010 LDP

ESK-020, for NDL 020 LDP

ESK-030, for NDL 030 LDP

ESK-040, for NDL 040 LDP

ESK-050, for NDL 050 LDP



Replacement Desiccant Kit

NDK 010, for NDL 010 LDP

NDK 020, for NDL 020 LDP

NDK 030, for NDL 030 LDP

NDK 040, for NDL 040 LDP

NDK 050 LDP, for NDL 050 LDP

Replacement Exhaust Valve Kit

NVK 050-024

Replacement Dew Point Sensor Kit

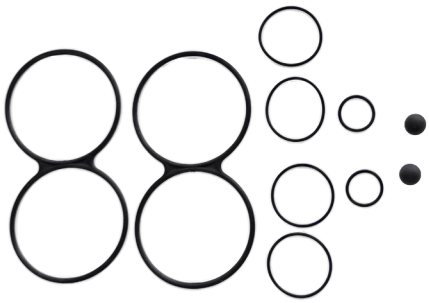
NSK 130

Replacement Solenoid Coils 24v DC

RCK-024

Replacement Internal Ball Valve & Seals

RBK-050



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Technical specifications subject to change without notice.
Publication Reference: D1-NDL-LDP-US-EN-Version-001
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