



**NDL 010 LDP, NDL
050 LDP Low Dew
Point Heatless
Modular Air Dryers**



nano NDL 010 LDP, NDL 050 LDP Low Dew Point Heatless Modular Air Dryers User Guide

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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

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 a diaphragm
- (2) 24 VDC coils
- Kit for NDL 010 to 050 NVK 050-024

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

Replace the dew point sensor

- ES option service kit NSK 130

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



Specifications

- Product Name: Low Dew Point Heatless Modular Air Dryers USA Version
- Model Range: NDL 010 LDP to NDL 050 LDP
- Service Intervals: A – 12 months, B – 24 months, C – 48 months, E – 12 months (ES models only)

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FAQs

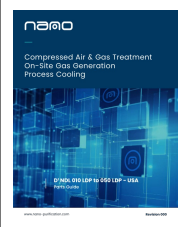
Q: How often should I perform maintenance?

A: Follow the recommended service intervals provided in the manual. Regular maintenance ensures optimal performance.

Q: Where can I find replacement parts?

A: Consult the parts guide or contact our customer support for assistance in finding the correct replacement parts.

Documents / Resources

	nano NDL 010 LDP, NDL 050 LDP Low Dew Point Heatless Modular Air Dryers [pdf] User Guide NDL 010 LDP, NDL 020 LDP, NDL 030 LDP, NDL 040 LDP, NDL 050 LDP, NDL 010 LDP NDL 050 LDP Low Dew Point Heatless Modular Air Dryers, NDL 010 LDP NDL 050 LDP, Low Dew Point Heatless Modular Air Dryers, Dew Point Heatless Modular Air Dryers, Point Heatless Modular Air Dryers, Heatless Modular Air Dryers, Modular Air Dryers, Air Dryers, Dryers
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References

- www.nano-purification.com
- [USA Compressed Air & Gas Specialists | nano-purification solutions](#)
- [User Manual](#)

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