NDL 090-GF2-LDP 100-240 VAC/50 or 60 Hz - 46 scfm desiccant air dryer

The nano D² modular low dew point air dryer provides clean dry air for a wide range of industrial applications. These dryers use the pressure swing adsorption principle in a modular design to dehydrate and purify your compressed air in a simple, efficient and compact package. With digital PLC controls that manage energy consumption and provide dew point monitoring, the D² modular low dew point desiccant air dryer provides substantial energy savings under various seasonal conditions for critical applications.



| general characteristics | |
|--|-------------------------|
| rated flow (scfm) (1) | 46 |
| regeneration air (scfm) | 13.2 |
| absorbed power (kW) | 0.0360 |
| power supply (V/Ph/Hz) (2) | 100-240 VAC/50 or 60 Hz |
| operating limits | |
| design operating pressure range (psig) | 58 to 232 |
| design operating temperature range (°F) | 35 to 100 |
| minimum/maximum ambient temperature (°F) | 35 to 122 |
| maximum inlet temperature (°F) | not to exceed 85 |
| desiccant chambers | |
| desiccant type | 13X molecular sieve |
| desiccant cartridges with integrated after filter (kit no) | NDK 090 LDP |
| controls/design | |
| dryer design | PSA |
| controller type | PLC |
| NEMA rating | NEMA 1 |
| air circuit | |
| air circuit connections (PTC) | 1″ |
| ISO class | |
| ISO air quality class (water content) | class 1 (-9/°E ndn) |

ISO air quality class (water content)

class 1 (-94°F pdp)

(1) in compliance with CAGI (ADF 100) / NFPA (class H): inlet temperature 85°F, ambient temperature 100°F, inlet pressure 100 psig, pressure dew point -94°F. For all other conditions, contact support@n-psi.com

(2) optional 24 V DC

features

- c-ETL-US certification
- includes separate F¹ M1 and M01 grade pre filters with timer drains (shipped loose) and a built in 1 micron after filter
- patented combined filter & desiccant cartridge; no after filter required
- advanced PLC controlled operation
- built in reliability with a 2-year warranty
- energy saving dew point control (optional)
- floor or wall mounted (optional wall mounting brackets available) installation
- reliable high performance valves
- tower pressure gauges
- tower equalization for constant flow and pressure
- designed for tough industrial settings
- integrated compressor synchronization function
- advanced PLC features: digital interface, digital LED
- display, outlet air dew point indication (with ES option) • user programmable operating parameters
- alarm indication

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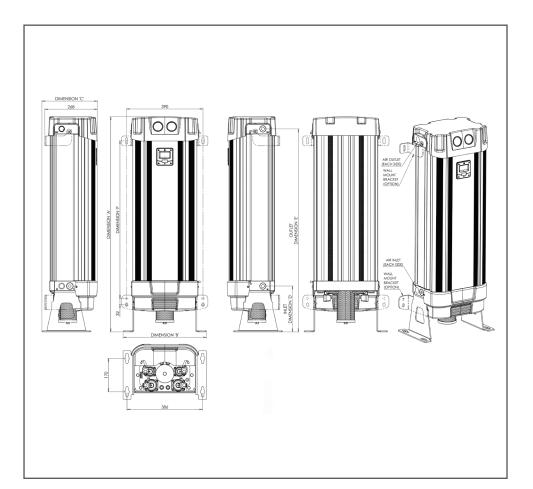
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Daeo

technical specification

| dimensions and weights | |
|------------------------|------|
| A (in) | 36.3 |
| B (in) | 16.8 |
| C (in) | 11.1 |
| weight (lbs) | 119 |





technical specifications subject to change without notice. Direct inquiries to support@n-psi.com or contact 704.897.2182

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