NDL 120-F2-LDP 100-240 VAC/50 or 60 Hz - 92 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)	92
regeneration air (scfm)	26.4
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 120 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 (-Q/°E pdp)

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

nano-purification solutions Charlotte, North Carolina United States

nano-purification solutions TN Maryville, Tennessee United States

nano-purification solutions Canada St. Catharines, Ontario Canada

nano-purification solutions Ltd. Gateshead, Tyne and Wear United Kingdom

nano-purification solutions GmbH Erkelenz, Germany

nano-purification solutions Asia Singapore

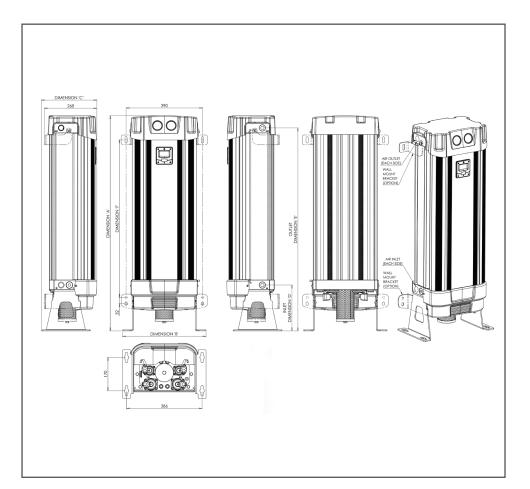
Tel:	704.897.2182
Fax:	704.897.2183
Email:	support@n-psi.com
Web:	www.n-psi.com

Experience. Customer. Service. -

Daeo

technical specification

dimensions and weights	
A (in)	58.9
B (in)	16.8
C (in)	11.1
weight (lbs)	200





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

©2023 Air and Gas Solutions LLC publication ref. n-psi-D2-NDL120F2LDP-06-us