nano D[1]: Modular Low Dew Point Desiccant Air Dryers

NDL 040 LDP CRN

10 scfm Desiccant Air Dryer



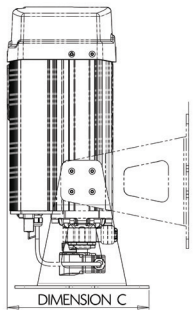
The nano D[1] modular low dew point air dryer provides clean dry air for a wide range of industrial applications. These dryers use the pressure swing adsorption principle in a modular design to dehydrate and purify your compressed air in simple, efficient and compact package. With digital PLC controls that merge energy consumption and provide dew point monitoring, the D[1] modular low dew point desiccant air dryer provides substantial energy savings under various seasonal conditions for critical applications.

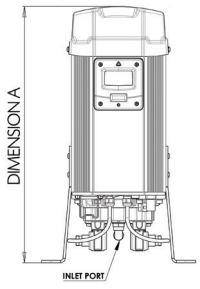
GENERAL CHARACTERISTICS	
Rated flow (scfm) (1)	10
Regeneration air (scfm)	3
Absorbed power (kW)	0.0264
Power supply (V/Ph/Hz) (2)	100-240 VAC/50 or 60 Hz
OPERATING LIMITS	
Design operating pressure range (psig)	58 to 232
Design operating temperature range (°F)	35 to 100
Minimum/maximum ambient temperature (°F)	35 to 122
Maximum inlet temperature (°F)	not to exceed 85
DESICCANT CHAMBERS	
Desiccant type	13X molecular sieve
Desiccant cartridges with integrated afterfilter (kit no)	NDK 040 LDP
CONTROLS / DESIGN	
Dryer design	PSA
Controller type	PLC
NEMA rating	NEMA 1
AIR CIRCUIT	
Air circuit connections (PTC) (3)	½"
ISO CLASS	
ISO air quality class (water content)	class 1 (-94°F pdp)

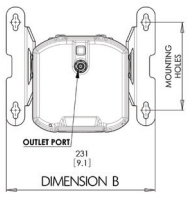
(1) In compliance with CAGI (ADF 100) / NFPA (class H): inlet temperature 100°F, ambient temperature 100°F, inlet pressure 100 psig, pressure dew point -94°F. For all other conditions, contact canadasupport@airandgassolutions.com.
(2) Optional 24 VDC

Dimensions & Weight

DIMENSIONS AND WEIGHT	
A (ins)	37.5
B (ins)	10.5
C (ins)	11.1
Weight (lbs)	43







D¹: Modular Low Dew Point Desiccant Air Dryers

Features

- Includes a built in 1 micron afterfilter.
- Patented combined filter & desiccant cartridge; no afterfilter required
- Advanced PLC controlled operation
- Built in reliability with a 2-year warranty
- Energy saving dew point control (optional)
- Floor or wall mounted installation
- Reliable high-performance valves
- 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

Technical specifications subject to change without notice.
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