NDL 020 GF

100-240 VAC/50 or 60 Hz - 5 scfm desiccant air dryer

The nano D[1] modular 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 D[1] modular desiccant air dryer provides substantial energy savings under various seasonal conditions for critical applications.

general characteristics	
rated flow (scfm) (1)	5
regeneration air (scfm)	1
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)	122
desiccant chambers	
desiccant type	13X molecular sieve
desiccant cartridges with integrated after filter (kit no)	NDK 020
controls/design	
dryer design	PSA
controller type	PLC
NEMA rating	NEMA 1
air circuit	
air circuit connections (PTC) (3)	3/8"
ISO class	
ISO air quality class (water content)	class 2 (-40°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 -40°F (-94°F optional). For all other conditions, contact support@n-psi.com
(2) optional 24 V DC
(3) NDL 010 to NDL 050 have push to connect fittings on the inlet and outlet. All other models have NPT(F) threaded connections

features

- c-ETL-US certification
- includes a separate M01 grade pre filter (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 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

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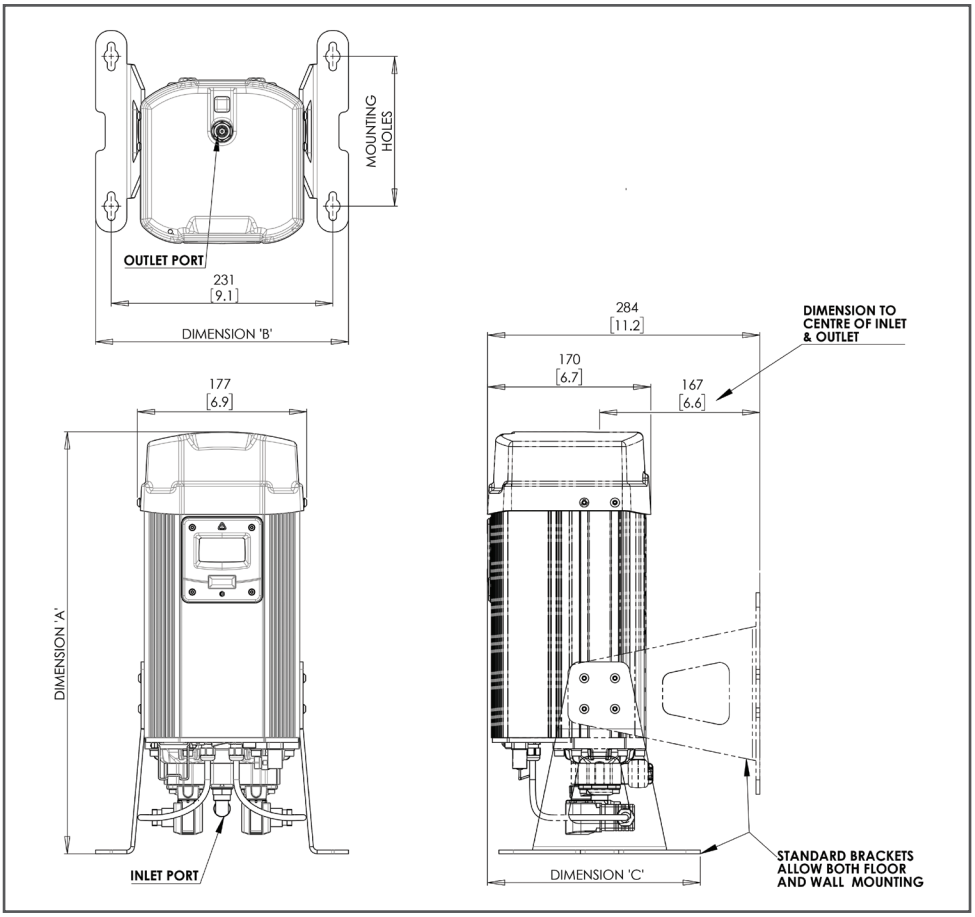
technical specification

dimensions and weights	
A (in)	17.3
B (in)	10.4
C (in)	8.7
weight (lbs)	19.8



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