

## Nano L1-Series CO<sub>2</sub> Adsorption Dryer NDC 140

- \* Outlet CO<sub>2</sub> Content to less than 1 PPM
- \* Air dries to less than -70°C (-100° F) dew point
- \* Compact and lightweight design requires less space
- \* PLC Control with clear display provides feedback
- \* Full repressurisation means no pressure fluctuations
- \* Novel exhaust silencing system ensures quiet operation
- \* 2 years warranty



Voltage	V	100 to 240v AC	
Frequency	Hz	50 or 60hz	
Max Noise level during purge	DbA	90	
Operating pressure	barg	Min 4 – Max 12	
Recommended operating temperature	Celcius	1.5 - 20	
Manufacturing quality standards	ISO	9001 & CE	
Max CO <sub>2</sub> content	1 ppm	2 (-40 C pdp)	
Max pressure dew point	-70 °C		
Max particulate size	1 micron		Optional 0.01 micron <sup>2)</sup>
Max oil content	-		Optional 0.003 ppm <sup>3)</sup>
Inlet & Outlet	BSPP	3/8"	
Inlet Air Flow <sup>1)</sup>	l/min	25 (53 ft <sup>3</sup> / hr)	
Outlet Gas Flow	l/min	15 (32 ft <sup>3</sup> / hr)	
Dimensions HxWxD	MM	432 x 229 x 254	
Weight	Kg	8.2	

*service guidelines* - desiccant cartridges should be changed every 2 years  
 - valves should be changed every 4 years  
 - refer to user guide for full service details

- 1) At inlet conditions of 7 barg and 20 °C and up to 375 ppm CO<sub>2</sub>. For all other conditions please contact our sales department at [info@tech-air.nl](mailto:info@tech-air.nl)
- 2) Requires addition of a Nano M01 particulate after filter at the outlet
- 3) Requires addition of a Nano M01 coalescing pre filter and AC activated active carbon filter at the inlet. Recommended for compressed air systems using an oil flooded compressor
- 4) NDC 015 to NDC 600 have push to connect fittings on the in- and outlet. All other models have BSPP threaded connections