

## Nano Desiccant D1-Series Air Dryer NDL 010

- \* Everything needed for installation in the box
- \* Moisture & particulate protection of production process
- \* Lower life cycle costs
- \* Including energy saving outlet dew point control & display <sup>1)</sup>
- \* Model can be easily wall mounted
- \* Safe and quiet operation
- \* 2 years warranty



Voltage	V	100 to 240v AC	Optional: 24V <sup>1)</sup>
Frequency	Hz	50 or 60hz	
Power rating	W	35	
Operating pressure	bar	Min 4 – Max 16	
Recommended operating temperature	Celcius	1.5 - 35	
Max water content	ISO Class	2 (-40 C pdp)	Optional: 1 (-70 C)
Inlet & Outlet	BSPP	3/8"	
Rated flow @ 7 bar	Sfcm	3	
	Nm3/hour	5.1	
Dimensions HxWxD	MM	432 x 229 x 254	
Weight	Kg	8.1	

### pressure correction factors<sup>5)</sup>

inlet air pressure (barg)	4	5	6	7	8	9	10	11	12	13	14	16
correction factor	0.63	0.75	0.88	1.00	1.13	1.25	1.38	1.50	1.63	1.75	1.88	2.13

### temperature & dew point correction factors<sup>5)</sup>

inlet air temperature (°C)	25	35	40	45	50	pressure dew point (°C)	-20	-40	-70
correction factor	1.00	1.00	0.97	0.88	0.73	correction factor	1.10	1.00	0.70

- service guidelines*
- desiccant cartridges should be changed every 2 years
  - valves should be changed every 4 years
  - dew point meters should be serviced every 2 years (optional)
  - refer to user guide for full service details

<sup>1)</sup> Also deliverable without dew point control & display (contact our Sales Department)

<sup>5)</sup> Rough guideline only