

Nano N2-Series ECO-GEN2 090 Nitrogen Generator

- * 95 to 99.9% purity
- * The perfect economical “plug & play” nitrogen supply
- * Safe & Reliable (no hassle with gas cylinders or liquid nitrogen)
- * Installation in spaces too small for twin tower systems
- * Lower air consumption and refined controls provide energy efficiency
- * Reduces carbon footprint by eliminating gas delivery to your facility
- * 2 years warranty



Voltage	V	100 to 240v AC	Optional 24V DC
Frequency	Hz	50 or 60hz	
Operating pressure	barg	Min 6 – Max 10	
Recommended operating temperature	Celcius	5 - 40	
Max inlet particulate	Micron	0.1 Micron	
Recommended inlet dew point	°C	-40 PDP ²⁾	
Max inlet oil content	ppm	0.01 ³⁾	
Dimensions HxWxD	MM	1040 x 400 x 235	
Weight	Kg	54	

Rated outlet flow ¹⁾	Nitrogen purity at the outlet (max Oxygen content)						
	99.9% (0.1%)	99.5% (0.5%)	99% (1%)	98% (2%)	97% (3%)	96% (4%)	95% (5%)
Nm ³ /hour	1.4	2.2	2.7	3.7	4.6	5.3	5.9

pressure correction factors ⁴⁾					
inlet air pressure (barg)	6	7	8	9	10
correction factor	0.88	1.00	1.10	1.20	1.20

temperature correction factors ⁴⁾										
inlet air temperature (°C)	5	10	15	20	25	30	35	40	45	50
correction factor	0.80	0.90	0.94	1.00	1.00	0.98	0.95	0.90	0.85	0.72

- 1) At 7 barg inlet pressure and 20-25 °C inlet temperature. For outlet flow at all other conditions, refer to the correction factors above or contact our sales department at info@tech-air.nl
- 2) Requires an upstream dryer. Contact our sales department at info@tech-air.nl
- 3) Including oil vapour
- 4) To be used as a rough guide only. Contact us for sizing assistance (we will confirm with the factory)
- 5) Connections are 1/2" BSPP for inlet/outlet and 1" BSPP connection to buffer vessel