

INFINITY 6

BREATHING AIR
according to DIN EN 12021

PROCESS FLOW
UP TO 1000 L/MIN - 60 M³/H

WORKING PRESSURE
From 150 Bar to 425 Bar
From 2000 PSI to 6000 PSI



Quality System Certified
ISO 9001-2015

All technical data may be changed

MADE IN ITALY BY NARDI COMPRESSORI

www.nardicompressori.com

INFINITY 6

BREATHING INFINITY is an innovative air filtration system, designed and developed by Nardi Compressori for processing and drying of Breathing Air in accordance with EN12021 international standard.

This system can regenerate the filters in a continuous cycle, without requiring any maintenance during its running time, ensuring a continuous air flow and a very high level of breathing air quality.

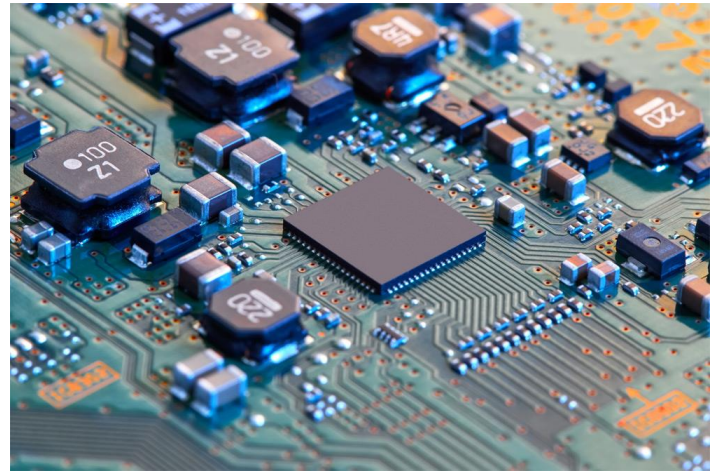
The **INFINITY** system was designed and built to ensure air purity even in critical working conditions, where a standard filtration system would require daily regular maintenance.

Made for industrial and large plants and other applications in the treatment of breathable air, **INFINITY** guarantees a very high level of safety such as to be endorsed by DAN INT.



QUALITY OF FILTRATION

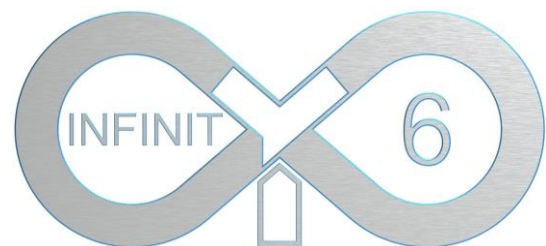
INFINITY consists of two independent filtration systems that alternate each other at predetermined intervals whilst regenerating automatically and it is controlled by an electronic processor regulating its functions, controls, and any alarms. The LCD screen displays the correct operation and status changes while **INFINITY** is at work.



CONTROLS AND ELECTRONICS

INFINITY is equipped with a sophisticated analyzer, integrated in the electronic devices of the system, which constantly, and in real time analyzes O₂, Co₂, Co, Voc, H₂O.

If the maximum threshold set for the single values being analyzed is exceeded, the electronic system will immediately block **INFINITY** by communicating saturation of one of the cartridges or any errors. In the event of blocking alarms, the system has been designed to shut down any compressor connected to it. Its total working hours are displayed on the LCD screen.

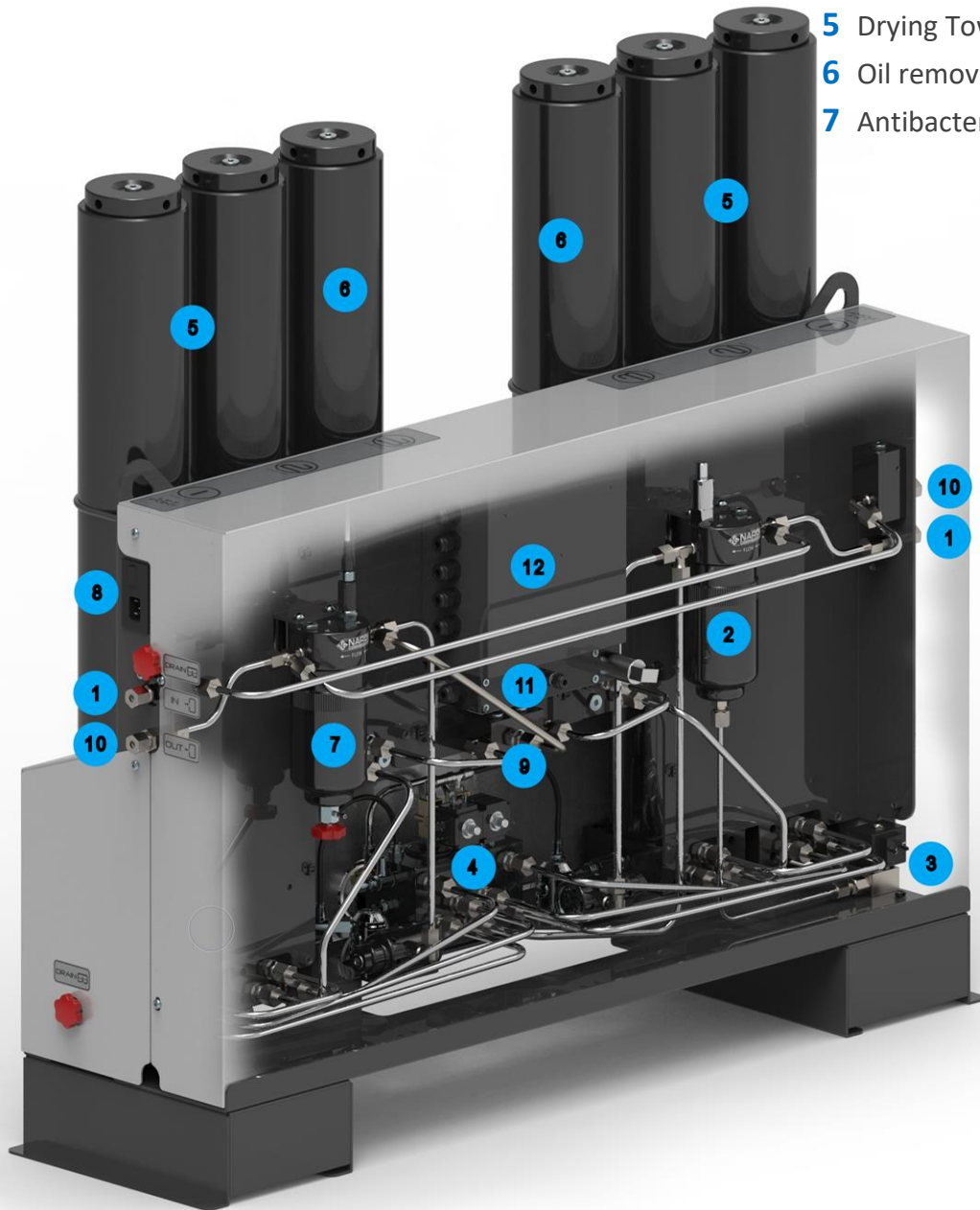


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- 1 Air INLET
- 2 Condensation separator
- 3 Automatic Drain
- 4 Flow control valve
- 5 Drying Tower
- 6 Oil removal
- 7 Antibacterial filter



- 8 Electrical connection & main switch
- 9 Pressure maintaining valves
- 10 Air OUTLET
- 11 Breathing air quality Analyzer
- 12 Electronic Controls

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TECHNICAL DATA

FLOW RANGE:	400 - 1000 L/MIN	POWER:	230 Volt 50-60 Hz (60 watt)
PRESSURE RANGE:	150 - 250 BAR / 300 - 425 BAR	RECORDER:	SD memory
MAINTENANCE:	1000 Hrs	DIMENSIONS (mm):	1080 x 310 x 1040
ANALYZING:	O ² - CO ² - CO - H ² O - VOC	WEIGHT (Kg):	205

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SUBJECT TO TECHNICAL MODIFICATIONS

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