



# LABORATORY PURE AIR GENERATOR TECHNICAL DATASHEET

“ORION P” pure air generator produces pure, hydrocarbon free and dry air, with a very low dew point (-50°C).

The “ORION P” generator functioning consists in removing hydrocarbons from the air stream through a catalytic reactor which is followed by a PSA system for removing carbon dioxide and a drying tower, which allows a complete removal of water vapour.



		ORION P 01	ORION P 02	ORION P 03	ORION P 04
Flow rate	NI/min	4	8	16	32
Max output pressure	bar	9			
Residual hydrocarbons concentration HC	ppm	<0.1			
Residual carbon monoxide CO	ppm	<0.5			
Residual carbon dioxide CO <sub>2</sub>	ppm	<0.5			
Outlet air dew point	°C	-50			
Air supply	Compressed air up to 10 bar				
Power supply	230V AC - 50/60 Hz				
Power consumption	Wh	1100	1100	1800	1800
Dimensions	mm	590hx370x710	590hx370x710	590hx370x710	590hx370x710
Gas connection	1/8 SWAGELOK				

Provided data are indicative and may change without notice.

AP DS 12509 ENG



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