



# 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				



Via G. Gozzano, 3 - 57121 Livorno - Ita  
Tel. +39 0586 444066 - Fax +39 0586 44421  
info@erreduegas.it - www.erreduegas



RCS-TLS : 790 650 915 [www.itec-sv.com](http://www.itec-sv.com)  
Tel. : +33(0)6 04 14 45 07