



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 ₂	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				



LABORATORY ZERO AIR GENERATOR TECHNICAL DATASHEET

"ORION Z- SERIES" zero air generator produces a continuous flow of air with a minimum content of hydrocarbons, for FID, NPD, FPD, THA, TOC applications, directly on site, without any waste.

The functioning of "ORION Z" consists in removing hydrocarbons from ambient air through a heated catalytic reactor.



		ORION Z 01	ORION Z 02	ORION Z 03	ORION Z 04
Flow rate	NI/min	4	8	16	32
Max outlet pressure	bar	9			
Residual methane CH ₄	ppm	<0.1			
Air supply	Compressed air up to 10 bar				
Power supply	230V AC - 50/60 Hz				
Electric consumption	Wh	800	800	1500	1500
Dimensions	mm	400 x 550 x 134			
Weight	kg	10			