



Parker Balston® Zero Air Generators

- Turn in-house compressed air into ultra-pure air (<0.1ppm total hydrocarbons).
- Remove hydrocarbons to less than 0.1ppm by catalytic oxidation.
- Operate at 40 to 125psi (276-862kPa).
- Typical payback is less than one year, based on cylinder costs.
- Install easily and take up little bench space.
- Maintenance kits include a one year supply of prefilters and final filter.

Specifications

Maximum Zero Air Flow Rate:	75-83NA	1 lpm
	HPZA-3500	3.5 lpm
	HPZA-7000	7 lpm
	HPZA-18000	18 lpm
	HPZA-30000	30 lpm
Outlet Hydrocarbon Concentration (as methane):	75-83NA	< 0.1 ppm
	HPZA-30000	< 0.1 ppm
	Other Models	< .05 ppm
Minimum/Maximum Inlet Air Pressure:	40 psig/125 psig (276/862kPa)	
Maximum Inlet Hydrocarbon Concentration (as methane):	100 ppm	
Pressure Drop at Maximum Flow Rate:	4 psi (28kPa) differential	
Maximum Inlet Air Temperature:	78°F (25°C)	
Inlet/Outlet Ports:	1/4" NPT (female)	
Start-up Time to Specified Hydrocarbon Concentration:	45 minutes	
Electrical Requirements:	75-83NA	120 VAC/60 Hz, 0.5 amps
	Other Models	120 VAC/60 Hz, 3.5 amps
Dimensions:	75-83NA	12"h x 10"w x 3"d (30cm x 25cm x 8cm)
	Other Models	16"h x 11"w x 13"d (42cm x 27cm x 34cm)
Shipping Weight:	75-83NA	7 lbs. (3 kg)
	Other Models	41 lbs. (19 kg)

Model	Number of FIDs*
75-83NA	Up to 3
HPZA-3500	Up to 11
HPZA-7000	Up to 23
HPZA-18000	Up to 60
HPZA-30000	Up to 100

*based on a 300 cc/min. fuel air rate

Zero Air Generator	Capacity	qty.	cat. #
Zero Air Generator Model 75-83NA	1000cc/min.	ea.	20684
Zero Air Generator Model 75-83NA with United Kingdom Power Cord	1000cc/min.	ea.	20684-550
Zero Air Generator Model HPZA-3500	3500cc/min.	ea.	20680
Zero Air Generator Model HPZA-3500 with European Power Cord	3500cc/min.	ea.	20680-551
Zero Air Generator Model HPZA-7000	7000cc/min.	ea.	20681
Zero Air Generator Model HPZA-18000	18,000cc/min.	ea.	20682
Zero Air Generator Model HPZA-30000	30,000cc/min.	ea.	20683
Maintenance Kits (includes a one-year supply of prefilters and final filter)		qty.	cat. #
Maintenance Kit for Model 75-83NA		kit	21646
Maintenance Kit for Models HPZA-3500, HPZA-7000, HPZA-18000, HPZA-30000		kit	21647
Replacement Catalyst Towers	Capacity	qty.	cat. #
Replacement Catalyst Tower for Model 75-83NA	1000cc/min.	ea.	22005
Replacement Catalyst Tower for Model HPZA-3500	3500cc/min.	ea.	22004
Replacement Catalyst Tower for Model HPZA-7000	7000cc/min.	ea.	22006
Replacement Catalyst Tower for Model HPZA-18000	18,000cc/min.	ea.	22007
Replacement Catalyst Tower for Model HPZA-30000	30,000cc/min.	ea.	22008

ordering note

For international orders, please add the appropriate power cord suffix from the table below.

free literature

Zero Air Generators

Download your free copy from www.restek.com.

Fast Facts

lit. cat.# 580050

International Power Cord Sets

Just add the proper suffix to the catalog number for the gas generator you are ordering.

Location	qty.	cat.# suffix
United Kingdom (230VAC, 50/50Hz)	ea.	-550
European (230VAC, 50/60Hz)	ea.	-551
IEC Connector Only (230VAC, 50/60Hz)	ea.	-552
Japanese (200VAC, 50/60Hz)	ea.	-556
Japanese for Zero Air (100VAC, 50/60Hz)	ea.	-553
Japanese for Hydrogen (100VAC, 50/60Hz)	ea.	-554
Japanese for Nitrogen (100VAC, 50/60Hz)	ea.	-555