

Zero-Air-Generators



Front view:
Zero-Air-Generators

Quality characteristics

- Methane reduction to < 0,05 ppm (if 100 ppm Methane at the inlet)
- Pre- and after filtration with special filters, accessible from the front
- Meets the requirements of CE
- Micro-processor controlled PID temperature regulator
- Outlet pressure gauge
- Digital display for set and actual temperature readings
- Heater – temperature, pressure and flow monitoring via sensors optional
- Powder coated aluminium housing

Technical specifications:

max. hydrocarbon-concentration:	<0,5 ppm (measured as Methane, max. Inlet concentration 100 ppm)
Permissible Inlet pressure:	2,0.....8,0 bar
Power consumption:	230 V / 50/60 Hz, 110 V if required.
Connections:	Inlet / Outlet: 6 mm Swagelock® - connector (stainless steel). Other, if required.
Ambient temperature:	+5....+40 °C



Individual Generator data

Zero-Air-Generators for internal air pressure:

Model	Flow [l/min]	Height [mm]	Width [mm]	Depth [mm]	Weight [kg]	Power consumption [VA]
WGAZA20	2	562	211	305	15	250
WGAZA50	5	562	211	305	15	250
WGAZA75	7,5	562	211	305	15	500
WGAZA150	15	562	211	305	15	500
WGAZA200	20	562	300	430	22	1000
WGAZA350	35	562	300	430	22	1000
WGAZA500	50	562	300	430	24	1000

Zero-Air-Generators with integrated compressor

Model	Flow [l/min]	Height [mm]	Width [mm]	Depth [mm]	Weight [kg]	Sound level [dB(A) / 0,5m]
WGAZA20K	2	562	422	430	25	<65
WGAZA50K	5	562	422	430	25	<65
WGAZA75K	7,5	562	422	430	25	<65

Required compressed air quality	according to ISO 8573.1 Class 2 dirt: particles < 1 µm Class 2 water: pressure dew point of -40° C Class 1 Oil Particulate material < 0,01 mg/m³
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Optional Features:

<ul style="list-style-type: none"> Internal compressor External alarm connection (voltage-free contact) indicating heater / temperature sensing or micro-processor failure Micro-processor controlled via RS-485 link 19"-or desktop-housing Throttle valve to protect against overloading Digital outlet pressure gauge Digital flow gauge Connectable to JAG gasmonitoring system GasMo Integrated inlet pressure regulator Intergrated gas flow regulation via loat type flow regulator
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