

## MODULAR OXYGEN GENERATOR MGS / S-MGS SERIES

Purity - O <sub>2</sub>	Capacity - Nm <sup>3</sup> /h		
	MGS 25	MGS 50	MGS 75
95%	2,5	5	7,5
93%	2,6	5,2	7,7

Purity - O <sub>2</sub>	Capacity - Nm <sup>3</sup> /h		
	MGS 100	MGS 125	MGS 150
95%	10	12,5	15
93%	10,1	12,6	15,1

MGS series oxygen generators have control panel and can control 3 separate S-MGS oxygen generators. can control 3 separate S-MGS oxygen generators.

Nm<sup>3</sup> conditions: 20 °C, 101,325 kPa(a)

Capacities are calculated based on ambient conditions of 20 °C / 60 °F, 1013 mbar / 14.7 psi and 60% RH.

Purity - O <sub>2</sub>	Capacity - Nm <sup>3</sup> /h		
	S-MGS 25	S-MGS 50	S-MGS 75
95%	2,5	5	7,5
93%	2,6	5,2	7,7

Purity - O <sub>2</sub>	Capacity - Nm <sup>3</sup> /h		
	S-MGS 100	S-MGS 125	S-MGS 150
95%	10	12,5	15
93%	10,1	12,6	15,1

There is no control panel in the S-MGS series.  
It is controlled by MGS series oxygen generators.



<b>PLC</b>	Siemens S7 1200 Series
<b>Touch Screen</b>	Siemens KTP 700
<b>Min. Feed Air Quality</b>	ISO 8573 - Class 1.4.1
<b>Design Temperature</b>	20°C
<b>Electrical Connection</b>	220 V - 50/60 Hz
<b>Power Requirement</b>	0,28 kW/h

<b>Air Connection Diameter</b>	1"
<b>Oxygen Send Diameter</b>	1/2"
<b>Oxygen Return Diameter</b>	1/2"
<b>Oxygen Outlet Pressure</b>	6,2 bar(g)
<b>Dewpoint</b>	-50/-60°C
<b>Sound Level</b>	Less than 74 dba

### Installation Requirements

Well ventilated and weather protected environment with ambient temperatures between +10 °C and +20 °C . Classified areas excluded.

The purchaser is to be responsible for the following in particular;

For correct operating conditions such as room-space, temperature, room-space ventilation, electrical power supply, correct condensate discharge, possible supply and removal of cooling water, compressed air provision, erection and installation of system and accessories, compliance with official regulation, etc.

The protection of gas generating plant and equipment against gas consumptions higher than its specified hourly output flow;

The protection of persons, plant and equipment against escaping gas, fire, explosion etc., in cases of defects;

The correct and safe extraction of gases, which might escape from compressor's and gas generating plant's safety valves in cases of disruption.

Non contractual document. Subject to modifications without prior notice.