



OXYMAK

GERMAN TECHNOLOGY TURKISH MANUFACTURING



THROUGH
QUALITY

| | |
|-------------------------------|--------------------------|
| Generator Model | Product Code O-300 |
| Desing pressure | 11 bar |
| Operating pressure | 7 bar |
| Net weight | 1400 kg |
| Noise level | 55 max 85 dB (A) |
| Ambient temperature | +5 to +40 °C |
| Electrical connection | 220V 50-60 Hz 220V 50Hz |
| Power consumption | 150 W |
| Safety class | 54 IP |
| Temperature | 20 °C |
| Above Sea Level | 0 m |
| Pressure | 1. 0133 bar |
| Humidity | 70 % |
| Inlet Filtration | 0.01 micron |
| Inlet Filtration * (ACfilter) | 0.003 micron |
| Outlet Filtration | 3 bis 5 micron |
| Dimension | 860x1600x2400 LxWxH (mm) |

| Oxygen Purity | 90% | 93% | 94% | 95% | 99% |
|---------------------------|------------|------------|------------|------------|------------|
| Capacity (Nm3/h) | 19,4 | 17,6 | 16,9 | 16,1 | Optional |
| Compressed air factor | 11 | 11 | 11 | 11 | Optional |
| Compressed air (Nm3/h) | 213,40 | 193,6 | 185,9 | 177,1 | Optional |
| Compressed air (m3/h) | 229 | 207,8 | 199,5 | 190,1 | Optional |
| Product vessel (l) | 750 | 750 | 750 | 750 | Optional |
| Compressed air vessel (l) | 1.500 | 1.500 | 1.500 | 1.500 | Optional |
| Compressed air inlet | 1 ½" | 1 ½" | 1 ½" | 1 ½" | 1 ½" |
| Connection O2 output | ¾" | ¾" | ¾" | ¾" | ¾" |

Generator Specification

PSA Oxygen Generators separate oxygen from pressurised air.

The composition of the product is determined by measuring the residual oxygen content.

The oxygen content is calculated by subtracting the residual oxygen content from 100 %.

Air is composed of nitrogen (78.1%), oxygen (20.9 %), Argon (0.9 %), CO2 (0.03 %), and some inert gases

Compressed air specification

Dew point +3 °C, Air quality:according to ISO 8573.1, class 1 solid particulates and oil class 4 humidity,

free of all contamination (free of ozone)

Touch Control Panel

| Standard | Option |
|---------------------------------|------------------------|
| 4" Colorless | 7" Color Touch Monitor |
| Inlet Filters 0.01 micron | Inlet temperature |
| Outlet filter 5-3 micron | Inlet dew point |
| 4 different languages | Outlet dew point |
| Operational status | Flow meter |
| Outlet flow regulator | Outlet pressure |
| Inlet-Outlet pressure regulator | Oxygen analyzer |

Material

Outside protection,Piping,Valves,powder paint coated

stainless steel or galvanized steel,stainless steel AISI 316 LPA actuator