

# OXYGEN GENERATOR TWIN TOWER MODEL

**ARNIKA**  
—COMPANY—

**TRYCOMP**  
Heavy Duty



Advanced System in Gas Separation  
Oxygen Production Unit



# GENERATOR

## ADVANTAGES OF THE OXYGEN GENERATOR

- ▶ ARNIKA oxygen generators produce high purity air from compressed air. It provides a continuous supply of with competitive prices compared to alternative sources.
- ▶ ARNIKA oxygen generators are designed to amortize your investment rapidly by saving on oxygen consumption in big quantities.
- ▶ OKSIPAK can also be connected to an external storage unit to store and cease production/consumption when in need.

## STANDARD EQUIPMENT

- ▶ Food pack filter kit
- ▶ Medical kit
- ▶ Remote GSM control
- ▶ PC Access with ethernet connection
- ▶ 650W UPS uninterruptable power supply

## OPTIONAL EQUIPMENT

- ▶ Dew-point analyzer
- ▶ Oxygen analyzer
- ▶ Electronic flow meter
- ▶ Output sterile bacterium filter
- ▶ Pressure and temperature transmitter for air feed

### REFERENCE CONDITIONS ②

- ▶ Compr. Air Effective Inlet Pressure : 7,5 bar (g) / 108 psi (g)
- ▶ Oxygen Outlet Pressure : 5 bar (g) / 72 psi (g)
- ▶ Ambient Air Temperature : 20°C / 68°F
- ▶ Pressure Dewpoint Inlet Air : 3°C / 37°F
- ▶ Pressure Dewpoint Oxygen : -50°C / -58°F
- ▶ Unit Inlet Air Quality : ISO 8573-1 : 2010
- ▶ Oxygen Quality : ISO 8573-1 : 2010

### OPERATING LIMITS

- ▶ Min. Ambient Temperature : 5°C / 41°F
- ▶ Max. Ambient Temperature : 45°C / 113°F
- ▶ Max. Compressed Inlet Air Pres. : 20°C / 68°F

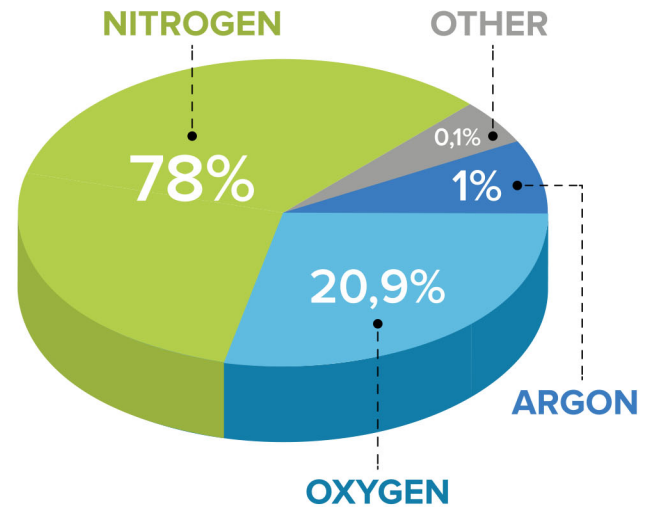
- ① WITH A TOLARANCE OF ±5%    ② CHECK REFERENCE CONDITIONS    ③ PLEASE CONTACT CUSTOMER SERVICE AND/OR REPRESENTATIVE FOR ADVICE

# LCD TOUCH DISPLAY CONTROL PANEL PROPERTIES

- ▶ Total work time display
- ▶ Automatic or manual operation
- ▶ Measurement of gas purity constantly or instantly (Optional 30 days purity memory)
- ▶ Adjustable time settings
- ▶ Language (Turkish-English-Spanish)
- ▶ One touch technical service contact details
- ▶ Optional alarm with sound or light on demand
- ▶ Automatic stop control when outlet pressure increases



## DRY AIR COMPOSITION



## FIELDS OF APPLICATION

- ▶ Oxygen gas is used in a variety of industrial applications.

**HOSPITALS, LABORATORIES, OXYFUEL TECHNOLOGY, WELDING, BRAZING AND STEEL CUTTING, FISH FARMING, OZONE, WASTE WATER TREATMENT** industries are the main sectors.



## TWINTOWER MODEL OXYGEN GENERATORS TECHNICAL DATA

Model	Weight (Kg)	Dimensions L x D x H (mm)	Content ( $\mu\text{m}$ )	Inlet Air Pressure (Barg)	O <sub>2</sub> Output Pressure (Barg)	Power V/ph/Hz
OKSiPAK 208	700	750x750x2500	0.01	4	3	110 - 230 / 1 / 50 - 60
OKSiPAK 216	950	800x1060x2500	0.01	4	3	110 - 230 / 1 / 50 - 60
OKSiPAK 224	1350	900x1270x2500	0.01	4	3	110 - 230 / 1 / 50 - 60
OKSiPAK 232	2100	1000x2000x2500	0.01	4	3	110 - 230 / 1 / 50 - 60
OKSiPAK 240	3400	1000x2000x3400	0.01	4	3	110 - 230 / 1 / 50 - 60
OKSiPAK 248	3500	1000x2000x3400	0.01	4	3	110 - 230 / 1 / 50 - 60
OKSiPAK 256	3500	1000x2000x3400	0.01	4	3	110 - 230 / 1 / 50 - 60

## MINIMUM OXYGEN OUTPUT FLOW WITH COMPRESSED AIR INLET PRESSURE OF 4 BAR (g)

Pin= 4 (BARg)	O <sub>2</sub> Flow (Nm <sup>3</sup> /h)	Compr. Air Consumption (Nm <sup>3</sup> /h)
MODEL / PURITY	95%	95 %
OKSiPAK 208	19,75	256,7
OKSiPAK 216	39,5	513,5
OKSiPAK 224	59,25	770,25
OKSiPAK 232	79	1027
OKSiPAK 240	98,75	1283
OKSiPAK 248	118,5	1540
OKSiPAK 256	138,25	1797

OUR COMPANY MAY CHANGE THE VALUES IN THE CATALOGUE ACCORDING TO THE RESEARCH AND DEVELOPMENT STUDIES.





## TWINTOWER MODEL OXYGEN GENERATORS TECHNICAL DATA

Model	Weight (Kg)	Dimensions L x D x H (mm)	Content ( $\mu\text{m}$ )	Inlet Air Pressure (Barg)	O <sub>2</sub> Output Pressure (Barg)	Power V/ph/Hz
OKSiPAK 208	700	750x750x2500	0.01	6,5	5,5	110 - 230 / 1 / 50 - 60
OKSiPAK 216	950	800x1060x2500	0.01	6,5	5,5	110 - 230 / 1 / 50 - 60
OKSiPAK 224	1350	900x1270x2500	0.01	6,5	5,5	110 - 230 / 1 / 50 - 60
OKSiPAK 232	2100	1000x2000x2500	0.01	6,5	5,5	110 - 230 / 1 / 50 - 60
OKSiPAK 240	3400	1000x2000x3400	0.01	6,5	5,5	110 - 230 / 1 / 50 - 60
OKSiPAK 248	3500	1000x2000x3400	0.01	6,5	5,5	110 - 230 / 1 / 50 - 60
OKSiPAK 256	3500	1000x2000x3400	0.01	6,5	5,5	110 - 230 / 1 / 50 - 60

## MINIMUM OXYGEN OUTPUT FLOW WITH COMPRESSED AIR INLET PRESSURE OF 6,5 BAR (g)

Pin = 6,5 (BARg)	O <sub>2</sub> Flow (Nm <sup>3</sup> /sa) 5,5 (BARg)	Compr. Air Consumption (Nm <sup>3</sup> /h)	O <sub>2</sub> Flow (Nm <sup>3</sup> /sa) 5,5 (BARg)	Compr. Air Consumption (Nm <sup>3</sup> /h)	O <sub>2</sub> Flow (Nm <sup>3</sup> /sa) 5,5 (BARg)	Compr. Air Consumption (Nm <sup>3</sup> /h)
MODEL / SAFLIK	90 %	90 %	93 %	93 %	95 %	90 %
OKSiPAK 208	9	90	8,3	100	7,5	97,5
OKSiPAK 216	18	180	16,5	200	15	195
OKSiPAK 224	27	270	24,9	300	22,5	293
OKSiPAK 232	36	360	33,2	400	30	390
OKSiPAK 240	45	450	41,5	500	37,5	490
OKSiPAK 248	54	540	49,5	600	45	590
OKSiPAK 256	63	630	58,1	700	52,5	690

OUR COMPANY MAY CHANGE THE VALUES IN THE CATALOGUE ACCORDING TO THE RESEARCH AND DEVELOPMENT STUDIES.