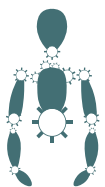




MEDICAL AIR & VACCUM PLANT



SERVYMED

Manufacturers of PSA Oxygen Plant, MGPS & Gas Industry

WWW.SERVYMED.COM

**" A breathe of life with
SERVYMED"**

At Servymed, we understand the importance of providing high-quality and reliable medical oxygen to healthcare facilities worldwide.



ABOUT US

Welcome to ServyMed, a Türkiye-based company committed to providing comprehensive turnkey solutions that encompass everything from design and manufacturing to installation, training, and ongoing maintenance. We specialize in the production of PSA plants under the brand name ServyO2, engineered to produce high-purity oxygen that is ideal for use in a range of medical settings. Our commitment to quality is evident in our CE certification, which serves as a testament to our compliance with essential health and safety requirements outlined in relevant European directives.

Our team is dedicated to providing the highest-quality materials and equipment in all of our projects, ensuring that our customers, including distributors, resellers, and dealers, can rely on their equipment to meet the needs of their local markets and function at peak performance levels. We understand the importance of reducing costs without sacrificing quality, which is why we are committed to providing our customers with the best possible product at an affordable price.

At ServyMed, we take pride in our work and strive to exceed our clients' expectations in everything we do. With our focus on quality, customer service, and innovation, we aim to be the go-to solution provider for those seeking reliable and efficient oxygen production solutions. Contact us today to learn more about our services and how we can assist you with your project needs.

A COMPANY IS
ONLY AS GOOD AS
THE PEOPLE
IT KEEPS

Choose Servymed for your medical oxygen needs, and together we can promote health and wellness across the world.



CE



ISO 13485



ISO 9001

Medical Air System



Medical Air Plant is designed to provide a continuous supply of medical quality air. Medical air is mainly supplied via a medical gas pipeline system where the air is generated by compressors, dryers and filtration system. Medical Air plant with rotary screw compressors can be used in wide capacity range. Compressor capacities varies from 4 kW to 22 kW. High quality screw blocks with perfect lubrication systems enable continuous operation, stability and reliability.

Model No	Compressor Capacity	Dryer Capacity	Tank Capacity	Bed Quantity
CG-4000	1*33 m ³ /h	1*50 m ³ /h	300 L	10-30
CG-4001	1*39 m ³ /h	1*50 m ³ /h	300 L	20-50
CG-4002	2*39 m ³ /h	2*50 m ³ /h	300 L	20-50
CG-4003	1*84 m ³ /h	1*90 m ³ /h	500 L	50-100
CG-4004	2*66 m ³ /h	1*141 m ³ /h	500 L	50-100
CG-4005	1*117 m ³ /h	1*135 m ³ /h	1000 L	100-150
CG-4006	2*117 m ³ /h	2*135 m ³ /h	1000 L	100-150
CG-4007	1*168 m ³ /h	1*180 m ³ /h	1500 L	150-200
CG-4008	1*168 m ³ /h	1*180 m ³ /h	1500 L	150-200
CG-4009	1*210 m ³ /h	1*290 m ³ /h	2*1000 L	200-250
CG-4010	2*210 m ³ /h	2*290 m ³ /h	2*1000 L	200-250

Air Tank

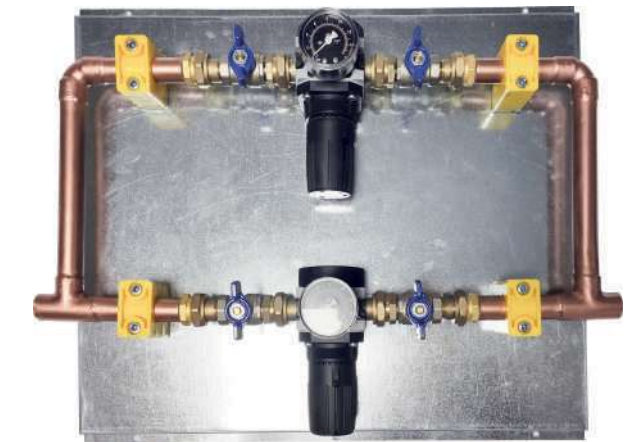
- Made of trunk ST-37 steel
- Operating pressure at 15 atm
- Manufactured and tested according to BS EN 286-1:1998+A2:2005 standards

Capacity[L]	Inlet	Diameter	Lenght	Model No
500 L	1 1/2"	600 mm	2090 mm	TB-500
750 L	1 1/2"	750 mm	2130 mm	TB-750
1000 L	1 1/2"	850 mm	2200 mm	TB-1000
1500 L	1 1/2"	1000 mm	2260 mm	TB-1500
2000 L	1 1/2"	1150 mm	2340 mm	TB-2000



Air Regulator Group

It is the last component in the medical air plant. The medical air regulator group stabilizes the pressure at the desired value and ensures its flow. 7-8 bar pressure range is preferred for surgical air, 4-5 bar pressure range is preferred for respiration in intensive care and operating rooms.



Model No
CG-0001

Compressed Air Filters



- Four different types;
- Pre Filter (General Purpose)
- Fine Filter (Oil Removal)
- Particle Filter (Particle Removal)
- Activated Carbon Filter (Fine Oil Removal)
- Operation up to 20 bar
- Diffirential pressure gauge

Anaesthetic gas scavenging system consisting of 2 side channel blowers, protection cover casing, electrical and control panel, remote start / stop /alarms panel, safety suction filter and depression control valve.

Single and Double blower versions are available. Blowers are oil-free, air cooled side channel regenerative type and suitable for continuous operation.



Capacity	80 m ³ /h	130 m ³ /h	2x80 m ³ /h	2x130 m ³ /h
Power	0,4 kW	0,75 kW	2X0,4 kW	2X0,75 kW
Power Qty	1	1	2	2
Noise Level	60 dB	60 dB	66 dB	66 dB

CENTRALISED SUCTION SYSTEMS

Specifications

- Designed to be used for central vacuum systems in operating theatres, ICU's, laboratories and emergencies of hospitals
- PLC controlled full automatic system
- Compact tank top design
- Medical type high efficiency bacteria filters
- Suitable low height medical gas plant rooms
- Available in Simplex, Duplex, Triplex,
- Different capacity receiver tank available
- Minimal maintenance, Maximum Durability
- Completely tested before shipment

CENTRALISED SUCTION SYSTEMS VERTICAL



VERTICAL

System Capacity	Power (kW)	Pump Quantity	Tank Capacity (L)	model No
21 m ³ /h	0,75 Kw	1 qty	200 lt	SSS-211
21 m ³ /h	2x0,75 Kw	2 qty	200 lt	SSS-212
45 m ³ /h	1,5 Kw	1 qty	500 lt	SSS-451
45 m ³ /h	2x1,5 Kw	2 qty	500 lt	SSS-452
45 m ³ /h	3x1,5 Kw	3 qty	500 lt	SSS-453
65 m ³ /h	1,5 Kw	1 qty	500 lt	SSS-651
65 m ³ /h	2x1,5 Kw	2 qty	500 lt	SSS-652
65 m ³ /h	3x1,5 Kw	3 qty	500 lt	SSS-653
100 m ³ /h	2,2 Kw	1 qty	1000 lt	SSS-1001
100 m ³ /h	2x2,2 Kw	2 qty	1000 lt	SSS-1002
100 m ³ /h	3x2,2 Kw	3 qty	1000 lt	SSS-1003
160 m ³ /h	4 Kw	1 qty	1000 lt	SSS-1601
160 m ³ /h	2x4 Kw	2 qty	1000 lt	SSS-1602
160 m ³ /h	3x4 Kw	3 qty	1000 lt	SSS-1603
200 m ³ /h	4 Kw	1 qty	1000 lt	SSS-2001
200 m ³ /h	2x4 Kw	2 qty	1000 lt	SSS-2002
200 m ³ /h	3x4 Kw	3 qty	1000 lt	SSS-2003
300 m ³ /h	7,5 Kw	1 qty	1000 lt	SSS-3001
300 m ³ /h	2x7,5 Kw	2 qty	1000 lt	SSS-3002
300 m ³ /h	3x7,5 Kw	3 qty	1000 lt	SSS-3003

CENTRALISED SUCTION SYSTEMS - HORIZONTAL



Model No	SVP-211	SVP-212	SVP-213	SVP-214	SVP-215	SVP-216
System Capacity (m ³ /h)	25	40	100	100	160	200
Power (kW)	0,75x2	1,1x2	2,2x2	2,2x3	4x2	4,8x2
Pump Quantity	2	2	2	3	2	2
Tank Capacity (L)	500	500	1000	1000	1000	1000
Noise dB(A)	62	64	66	69	71	73

