



MODULAR MEDICAL OXYGEN GENERATING PLANT M-DGS1/xxxK

ADVANTAGES OF THE CONTAINER STATION:

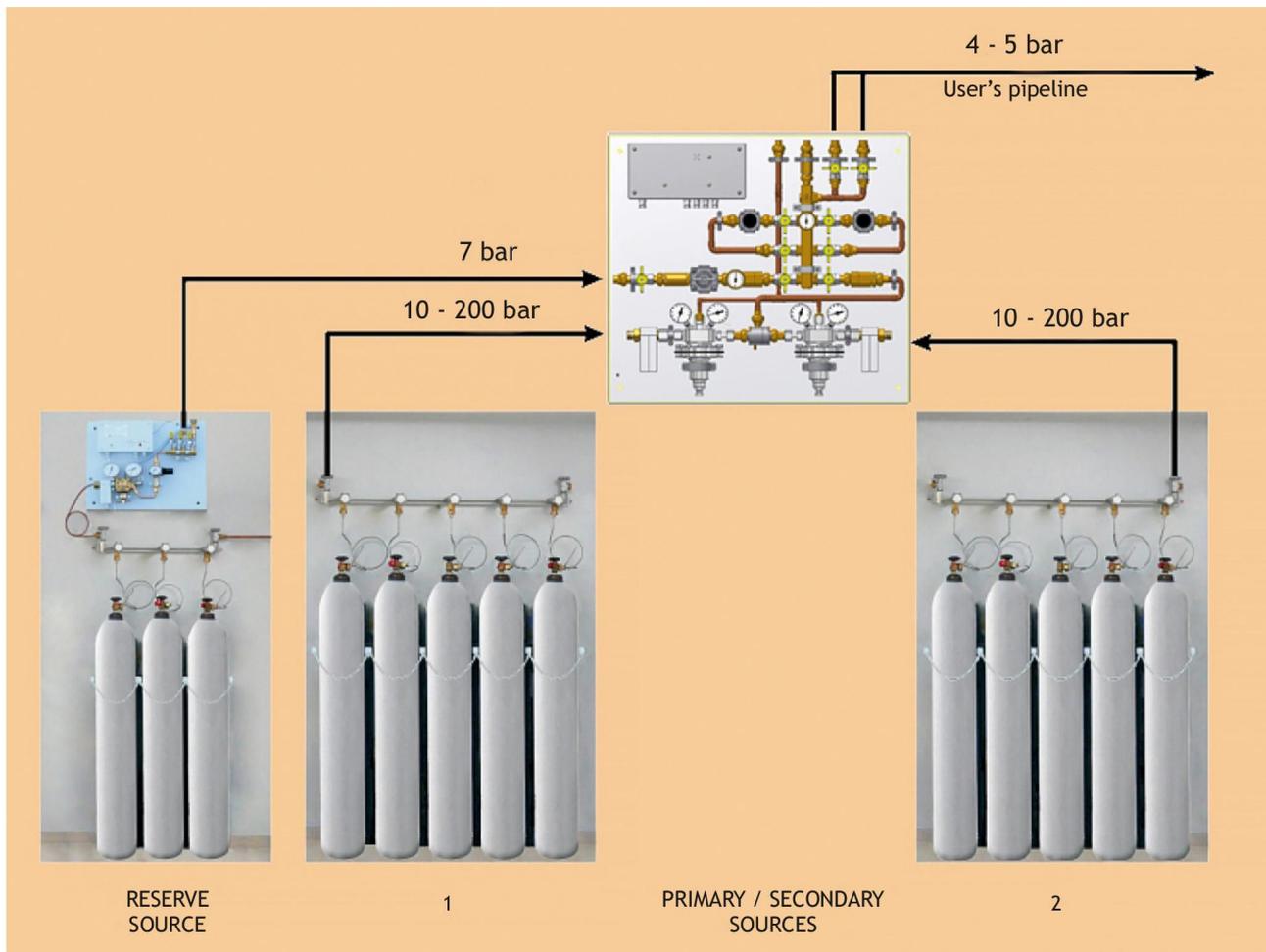
- Low cost of generated oxygen
- No additional space required to accommodate the station
- Minimum land area required at the treatment building
- The station comes from the factory fully assembled and tested
- Additional configuration & individual design available upon customer's requests



Models of a medical oxygen generation station M-DGS1/xxxK

Model	Capacity l/min at concentration 93% O ₂ l/min	Concentration O ₂ %	O ₂ pressure bar	Routing Temperature °C	Rated power consumption kW	Number of cylinders in reserve manifold pcs.	Total weight Kg.
M-DGS1/132K	132	93±2%	5,0+1	-30°C + 50°C	20,0	14,0	4800
M-DGS1/178K	178	93±2%	5,0+1	-30°C + 50°C	24,0	14,0	5200
M-DGS1/226K	226	93±2%	5,0+1	-30°C + 50°C	29,0	20,0	5700
M-DGS1/290K	290	93±2%	5,0+1	-30°C + 50°C	37,0	20,0	6300
M-DGS1/408K	408	93±2%	5,0+1	-30°C + 50°C	52,0	20,0	6800
M-DGS1/500K	500	93±2%	5,0+1	-30°C + 50°C	52,0	20,0	7150
M-DGS1/582K	582	93±2%	5,0+1	-30°C + 50°C	63,0	20,0	7400

- Continuous medical oxygen supply in hospitals
- Significant reduction in oxygen costs in hospitals
- Container stations for the production of medical oxygen comply with the requirements of the international standard **ISO 7396-1: 2016** and other regulatory documents



HIGH PRESSURE COLLECTORS



- With fixation of cylinders to the wall from 2x2 to 2 x10 cylinders
- M-R2N - for nitrous oxide
- M-R2C - for carbon dioxide
- M-R2O - for oxygen



- With fixation of cylinders to the special frame from 2x8 and 4x8 cylinders
- M-R3N - for nitrous oxide
- M-R3C - for carbon oxide
- M-R3O - for oxygen

GAS PRESSURE REDUCING AND CONTROL UNITS

RPA 1500 K

- For connection of three supply sources
- Indication of supply source
- One inlet 7 - 20 bar
- Two inlets 10 - 200 bar
- Two stage pressure adjustment
- Outlet pressure 3 - 10 bar



- Two parallel branches for pressure reduction
- Productivity up to 1500 l/min
- Digital pressure control
- Light and sound alarm system
- Heated high pressure reducers
- Safety valves



RPA 1500 B

- Two high pressure inlets 10 - 200 bar
- Two stage pressure adjustment
- Outlet pressure 3 - 10 bar
- Two parallel branches for pressure reduction
- Productivity up to 1500 l/min
- Indication of supply source
- Light and sound alarm system
- Heated high pressure reducers
- Safety valves

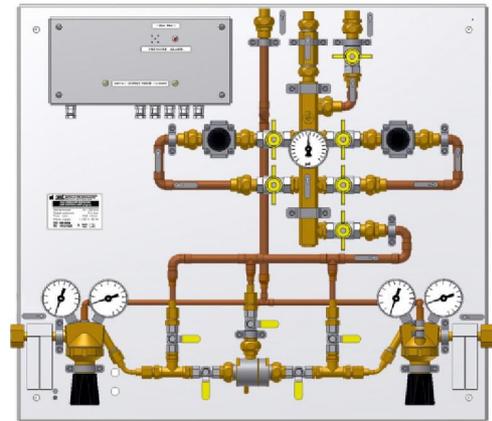


RP 500

- For one manifold
- Two stage pressure adjustment
- Heated high pressure reducer
- Safety valve
- Pressure control of supply system
- Productivity up to 500 l/min

RPA 500 S

- For two collectors with automatic changeover
- Two stage pressure adjustment
- Heated high pressure reducers
- Safety valves
- Pressure control, transmission of alarm signal
- Indication of supply source
- Productivity to 500 l/min



- Semi-flexible stainless steel tubes with various types brass joints for connection of collectors and cylinders
- Maximum pressure up to 30 Mpa
- Connection joints for cylinders according to client's national standard



- Semi-flexible thick-walled copper tubes for connection of reducing device with high pressure collectors
- Maximum pressure to 300 bar

