

Carbon dioxide atmospheric gasifiers GU 125A, GU 250A, GU 500A, GU 1000A.

Gasifiers GU-125...1000A are designed for evaporation of liquid carbon dioxide and feeding of carbon-dioxide gas for consumption.

Atmospheric gasifier consists of single-type electrical equipment unit, automatics, and high-productive air exchanger (four standard sizes) made of thin-wall copper pipes and aluminum lamellas with corresponding profiles.



Additional equipment.

Atmospheric gasifier with exchanger made of stainless steel. Production of liquid carbon dioxide of premium grade is an advanced high-technology process. Quality of carbon dioxide directly influences service life of atmospheric gasifiers produced by our company. Acquiring gasifiers with exchangers of stainless type, the Customer obtains increased service life of gasifier because of high corrosive resistance. **Designation for order – Atmospheric gasifier GU-125...1000A-Nerzh.**

Atmospheric gasifier with additional electrical loop. Installation of additional electrical loop for heating of air passing through gasifier increases gasifiers capacity by 30% of nominal one or decreases minimum ambient temperature

necessary for gasifier operation (from +10 °C down to 0 °C). In case of production necessity, electrical loop actuates manually and operates in the automatic mode. **Designation for order – Atmospheric gasifier GU-125...1000A-EI.**

Additional services.

Repair of atmospheric gasifier exchangers. Repair includes all necessary process operations, and the Customer will receive exchanger with operating technical characteristics and appearance of new exchanger. The work includes external and internal cleaning of exchanger, and replacement of some tubes and bends (if necessary). Repair practicability and costs are determined after preparation of damage assessment acts on exchanger by our specialists.



Order sheet of component parts for gasifiers GU-125...1000A

Pos.	Identification	Designation	Material
		Components of automatics unit:	
1.	4E-500S	Fan	-
2.	TRM-1-D.U.R.	Microprocessor measuring-regulating device	-
3.	DTS 054-50M.V3.60/1.0	Temperature sensor	-
4.	PCU-507	Timing relay	-
5.	ESV 100.05	Solenoid valve	-
		Exchangers:	
6.	125/5-Si (125/6-Nerzh)	For GU-125 A	Copper (stainless steel)
7.	250/5-Si (250/6- Nerzh)	For GU-250A	Copper (stainless steel)
8.	500/5-Si (500/6- Nerzh)	For GU-500A	Copper (stainless steel)
9.	1000/5-Si (1000/6- Nerzh)	For GU-1000A	Copper (stainless steel)