

6.14. INDUSTRIAL OZONE GENERATOR

The development is intended for the production of ozone for industrial purposes. It can be used at the stations of water ozonation, in agriculture, etc.

Main technical specifications:

Supply voltage, V	220
Power frequency, Hz	50
Maximum power consumption, W	up to 500
Ozone productivity, g / h	up to 20
Gas pressure, atm (in excess)	up to 2

Advantages

The ozone generators provide competitive economic and technical indicators: energy consumption for ozone generation – 7...12 kW×h/kg; ozone concentration – up to 10 g/m³ – when using atmospheric air as an ozone-forming gas, and up to 20 g/m³ when using the oxygen. Such energy consumption indicators are 20% lower than the known world samples of similar equipment.

