Limited liability company «Ecogen Technology»;
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GTEG-400 THERMOELECTRIC GENERATOR

The gas thermoelectric generator GTEG-400 is intended for use as an autonomous source of electricity for remote objects of main gas pipelines. Converts thermal energy directly into electrical energy. Designed for long-term operation in low temperature conditions.

The built-in automated generator control systemprovides:

- automatic shutdown in the absence of gas, startup and control of processes;
- remote switching on/off and transmission of data onthe state of the generator via RS-485 communicationprotocol;
- smooth transition to economical mode when the load decreases;
- control and management of the completeness of fuel combustion.

Parameter	Value
Nominal output voltage, V	28,5
Nominal output power, W	400±10%
Gas fuel type (factory preset)	Natural Gas
Fuel consumption(natural gas), m3/h	1,25
Gas pressure at the inlet to GTEG-400, kgf/cm2	1,25
Service life, years, not less	25
Interval between maintenance, months.	12
Time to reach nominal mode, h, no more	1
Overall dimensions, mm - depth - width - height	 830 935 2470
Weight, kg, not more than, Net	320

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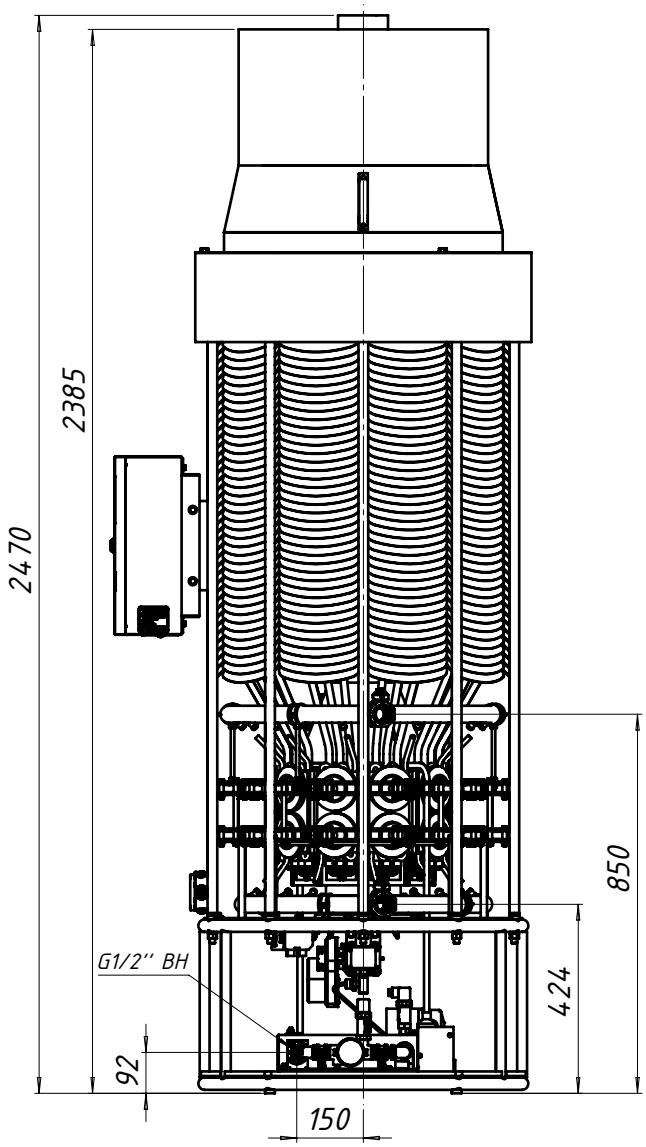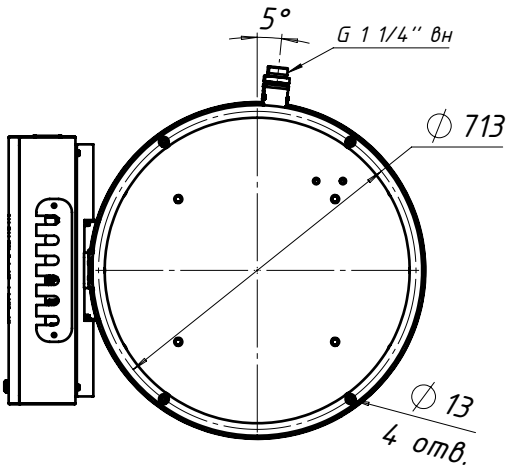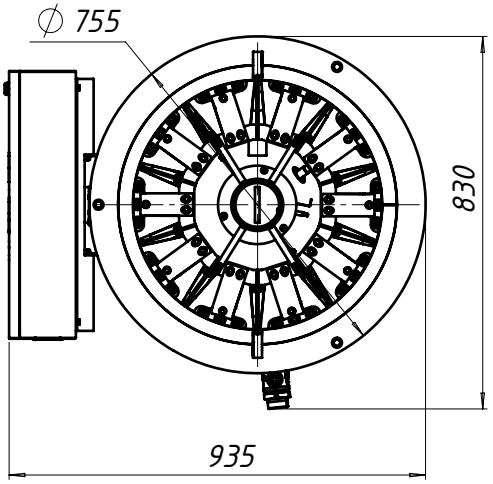
Overall and connecting dimensions: