

## ALTEC-8020 THERMOELECTRIC GENERATOR



### Areas of Application

The thermoelectric generator is designed for converting waste heat from industrial facilities and heat engines (internal combustion engines, gas turbines, etc.) into electric energy. It is an additional source of energy that can be used both for internal needs and for generation into external electric power systems

### Specification

Hot liquid temperature at the inlet, °C	250
Hot liquid consumption rate, ml/s	225
Hot liquid pressure at the inlet, MPa	0.34
Cold liquid temperature at the inlet, °C	50
Cold liquid consumption rate, ml/s	100
Cold liquid pressure at the inlet, MPa	0.12
Electric voltage, V	50
Electric power, W	500
Efficiency, %	3.7
Weight, kg	14

### Advantages

The use of generator enables to reduce fuel consumption by 5-7%. The device is an environment friendly source of electric energy

### Stage of Development. Suggestions for Commercialization

IRL6, TRL6  
Manufactured and supplied, upon request

### IPR Protection

IPR3

### Contact Information

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