

## THERMOELECTRIC AIR CONDITIONER FOR VEHICLES



### Areas of Application

The air conditioner is designed to ensure comfortable climate conditions (air conditioning) in various-purpose vehicles. Due to the absence of movable parts and freon-containing cooling agents, these air conditioners are indispensable components in the manufacture of environment friendly air conditioning systems

### Specification

Cooling performance ( $Q_0$ ), kW	$\geq 3.0$
Heating performance ( $Q$ ), kW	$\geq 3.0$
Temperature difference ( $T_1-T_2$ ) between working and auxiliary circuits, °C	25
Flow rate of fluids in both circuits (G), l/h	3000
Power consumption from DC power supply, voltage, V	27
Overall dimensions, mm	$\leq 230 \times 250 \times 500$

### Stage of Development. Suggestions for Commercialization

IRL6, TRL6  
Manufactured and supplied, upon request

### Advantages

The most attractively to employ these air conditioners in the vehicles where power supply, i. e. their power consumption, is not a critical issue. They can be widely used in trolleybus and tram driver cabins, in steamboats, electric trains, and special-purpose vehicles

### IPR Protection

IPR3

### Contact Information

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