



Ik-255/73

Bus for Operations Under Low Temperature Conditions



This bus is an advanced version of Series IK-255 buses. It is fitted with special insulation to meet requirements of operation under low temperature conditions. In the rear wall holders and on the area above the engine there is applied thermal and sound insulation. Underframe structure, wheel arches are coated with underspraying paint and insulating material, body is sprayed with "K-131" insulating material between the outside and inner coating. Underpart of the engine compartment is insulated with sheet. Battery compartment is protected with thermal insulation.

Passenger's compartment is heated through independent hot-water heating equipments /min.22 000 cal/h/ utilizing hot water coming from the engine. Front wall is demisted by 2 blowers. In the inner space there are located radiators each equipped with 1 blower. Battery compartment is heated through hot-water pipes.

Anti-corrosion coating applied on both sides throughout, frame is protected by enamel paint coating, underbody of the bus is coated with special underspraying inhibitor.

Window-panes are made of special "Hungeropen" hardened glass.

Window-pane of the driver's compartment is "Ichor".

Bus is also equipped with radio type RD 3602 /Zsiguli/ fitted with "ABT12" amplifier and located on the instrument panel. On the ceiling there are located 6 + 1 loudspeakers.



BRIEF MECHANICAL SPECIFICATION :

Overall length	10 971 mm
Overall width	2 500 mm
Total height	3 050 mm
Wheelbase	5 341 mm
Empty weight	10 600 kp
Gross vehicle weight	14 855 kp
Engine type and power output	RABA-MAN D2156 HM6U 6-cylinder, 4-stroke Diesel with horizontal layout and direct injection 192 HP at 2100 rpm
Max. speed	100 km/h
Number of doors	2 two-leaf doors
Number of seats	49
Number of standing passengers max.	14
Luggage compartment cubic capacity	3 m ³



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