

AUXILIARY POWER UNIT SAFIR 5 K/G MI 40

**Designed to supply air to engine starters
and environmental control systems**



Possible applications of APU Safír 5K/G MI 40



Main parameters

	H=0 m T=15 °C
Rated electrical power	40 kVA
Electrical power by overload	60 kVA
Bleed air extraction max	28.3 kg /min
Fuel consumption	max. 55 kg/hour
Range of operation	-55 °C ÷ + 60 °C 0 ÷ 6,000 m
Dimensions and weight	
Length (with AC generator)	820 mm
Width x Depth (including air inlet and air bleed system)	398 mm x 520 mm
Weight (with AC generator)	48.5 kg

APU electronic

System of automatic control:

Dual speed sensor, sensor of exhaust gas temperature, signaling of oil and fuel, filters contamination.

APU monitoring indications:

Analog indications of APU parameters, or digital signal from serial interface RS422 of control box, operation parameters and failures.



Main features

- Simultaneous supply of electric power and compressed air
- Unlimited number of main engine starts
- Continuous operation lasting 6 hours
- High reliability of APU operations
- Possibility of bleed air extraction for air-conditioning systems
- Long service life and operation periods
- Simple maintenance
- Ecological fuel drainage
- Start and operation altitude up to 6,000 m

Standard completion

Fuel-oil system, control system, connection cables, ignition unit, air bleed valve, electric starter with a over running clutch, source of electrical powersupply – AC generator 40kVA with GCU and CTU, air inlet.

