

AUXILIARY POWER UNIT SAFIR 5K/G MIS

Designed to supply compressed air for starting the main engines, and to supply DC voltage to the aircraft on-board network

extended TBO
1,500 hour



APU Safir 5K/G MIS applications - helicopters MI-17/171



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
- Ecological fuel drainage
- Simple maintenance
- TBO 1,500 hours
- 3000 APU starts
- Start and operation altitude up to 6,000 m

Standard completion

- Fuel-oil system
- Control system
- Connection cables
- Ignition unit
- Air bleed valve
- DC starter-generator for starting and 6 kW electrical power supplying

Main parameters

Nominal power output	6 kW	6 kW
Nominal power current	200 A	200 A
Electrical power supply	28 V DC	28 V DC
Bleed air extraction max.	28.3 kg/min	62.4 lb/min
Fuel consumption	55 kg/h	121 lb/hr

Dimensions and weight

Height x width - included air bleed system	468 x 524 mm	18.4 x 20.6 in
Length - with starter generator	819 mm	32.2 in
Weight - with starter generator	57 kg	125.6 lb

Operating range

Max. altitude	6,000 m	19,700 ft
Temperature range	-55°C to +60°C	-67°F to +140°F

