

# AUXILIARY POWER UNIT SAFIR 5K/G MI

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



## APU Safir 5K/G MI applications – helicopters MI-8/17



### 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
- Supply of bleed air of suitable cleanliness for air-conditioning systems
- Long service life and operation periods
- Simple maintenance
- Ecological fuel drainage
- Starting and operating altitude up to 6,000 m

### Standard completion

- Fuel-oil system
- Control system
- Connection cables
- Ignition unit
- Air bleed valve
- Electric starter with an over running clutch
- AC generator 20 kVA with GCU and CTU
- Air inlet

### FWZ` [US^parameters

Nominal power output	20 kVA	20 kVA
Electrical power supply	3x 115 V / 200 V / 400 Hz	3x 115 V / 200 V / 400 Hz
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	491 x 520 mm	19.3 x 20.3 in
Length - with generator	788 mm	31 in
Weight - with generator	64 kg	141 lb

#### Operating range

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

