

AUXILIARY POWER UNIT SAFIR 5K/G MIS

Designed to deliver compressed air for starting the main engines and to supply DC power to the deck network



AUXILIARY POWER UNIT SAFIR 5K/G MIS



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 ACS
- › Long service life
- › Simple maintenance
- › Ecological fuel drainage
- › TBO 1,500 hours
- › 3000 APU starts
- › 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
- › DC starter-generator for starting and 6 kW electrical power supplying

Technical parameters

| | | |
|---------------------------|-------------|-------------|
| Nominal power output | 6 kW | 6 kW |
| Nominal power current | 200A | 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 |