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# AUXILIARY POWER UNIT

## SAFÍR 5 K/G

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Auxiliary power unit **SAFÍR 5K/G** provides air delivery for engine starters or for aircraft air conditioning, for 400 Hz generator drive or dynamo drive and for hydraulic pump drive.

### Technical Data

Standard conditions	$T_0 = 15^\circ\text{C}$ (59°F), $p_0 = 1013$ mb (14.7 psi)
Max rated shaft output	25 kW
Max. bleed air flow	26.5 kg/min (58.5 lb/min)
Max. exhaust temperature	680° C (1 256° F)
Turbine speed	49 074 – 51 890 rpm
Air bleed temperature	160 - 180° C (320 – 356° F)
Main drive (Generator or alternator)	25 kW – 12 000 rpm
Extra drive (Hydraulic pump)	4 kW – 3 935 rpm
Max. rated altitude for starting	7 500 m (24 600 ft)
Max. rated altitude for function	8 000 m (26 250 ft)
Operating temperature	-50° to +50° C (-58° to 113° F)
Weight (without accessories)	41 kg (90.5 lb)

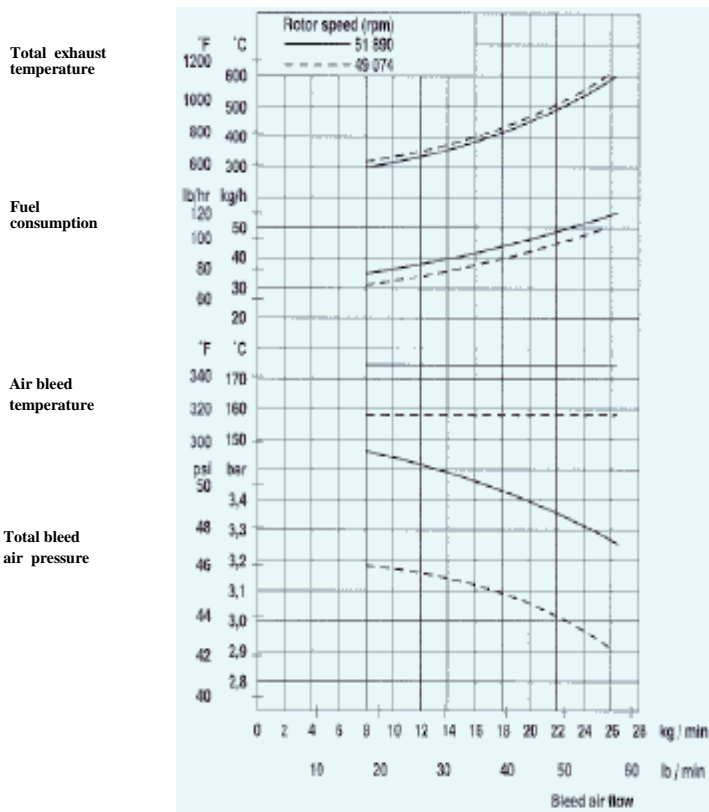
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## APU Characteristics (AT ISA)



## Standard Equipment

- Startmeter and running hourmeter
- Autonomous oil system
- Electronic control and check system
- Fuel system
- Air system
- Hydraulic pump
- Dynamostarter
- Oil cooling
- Signalling of combustion products dangerous temperature
- Signalling of oil filter fouling
- Failures signalling
- Protection
  - oil pressure
  - loss of speed
  - over-speed

## Dimensions (in mm)

