



AIRPORT EQUIPMENT SERVICES PTE. LTD.

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(Business Registration No: 199400661M)

AES A150 Air Starter Unit Technical Specification

Ambient data

Temperature: $-20\text{ }^{\circ}\text{C} \sim +50\text{ }^{\circ}\text{C}$
Relative humidity: $\leq 95\%$

Dimension and Weight

Overall dimension: 4260mmX1520mmX1800mm
Weight: 4660kg

Operating Performance

Volume flow: 150 ppm@42psi
Discharge temperature: $\leq 210\text{ }^{\circ}\text{C}$

Standard Equipment

Engine: Deutz BF6M1015, 300kw/2100rpm
Compressor: GHH-RAND CD26S, air cooling, oil free, double screw rotary

Aircraft Protection System

Automatic discharge air pressure safety relief system to protect aircraft
Discharge air regulating valve 42psig (289kpag)
Discharge air safety valve 50psig (345kpag)
Engine and compressor protection system automatic 'Unload' and 'Air Pack' mode only
Single discharge air outlet with manual shutoff valves
Discharge hose manual bleed-down valve

Automatic Control System

Demand air throttle control
Dual-pressure regulation
Engine protection warning lamps and unit shutdown for high coolant temperature, low engine oil pressure
Compressor warning lamps and unit shutdown for high compressor oil temperature, low compressor oil pressure and high output air temperature

Other features

Illuminated operator control panel with complete gauge set
Rust proof engine/compressor heat exchanger
Remote lube oil drains
Maintenance free batteries
Fuel economy, decreased maintenance and noise control (sound and vibration dampening material)
Electrical system 24 V DC
1 pcs imported 40 feet length, inner diameter 3 $\frac{1}{2}$ " pneumatic hose with ISO2026 coupling.
Trailer-mounted
Rigid mounted

Standard instruments

- Tachometer, Fuel pressure
- Water temperature
- Engine oil pressure
- Panel mounted electric and tank mounted mechanical fuel level gauges
- Voltmeter
- Air output temperature and pressure
- Compressor oil temperature and pressure
- Safety warning and shutdown indicators
- Engine protection warning lamps and unit S/D for high coolant temperature, low oil pressure
- Compressor warning lamps
- Flashing Beacon
- Low fuel level warning beacon and Low fuel shutdown circuit
- Engine/compressor filters indicators
- General mechanics tool set
- Wheel chocks
- Maximum sound attenuation kit

