AIR STARTING UNIT

100 PPM / 120 PPM / 180 PPM / 250 PPM / 300PPM/ 400 PPM

(OTHER MODELS AVAILABLE ON REQUEST)

AN ISO9001:2015COMPANY

MAK ASU 180PPM

MAK ASU 400PPM

MAK ASU 250PPM

SMART & FUTURISTIC GSE

Salient Features

- Diesel engines from Deutz/Cummins equivalent conforming to latest EPA/Euro emission norms
- MAK propreitary digital pressure control system automatically regulates the output air pressure/flow for different air crafts
- Demand throttle for fuel efficient operation
- Meets MIL, AHM & ARP standards
- Low noise level
- Digital control system with touchscreen MAK GSEM V8 - A
  - Interactive GUI visible under all weather conditions
  - Graphical representation of operational data
  - Fault log chart & troubleshooting guide
- MAK RDMS – Remote Diagnosis and Monitoring System (RDMS)

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AIR+MAK INDUSTRIES INC., USA

+1 662 893 3444 info@airmak.com

AIR START UNIT

AN ISO9001:2015COMPANY

MAK design and manufacture ASUs from 100PPM to 400PPM (customized units can be made to order). MAK ASUs are under operation with major commercial airlines and military organizations across the globe. MAK has supplied custom designed ASUs for endurance testing of worlds largest aircarft engine GE90-115B.

MAK ASUs come with a touchscreen control panel GSEM V8-A and MAK RDMS-A feature rich fleet management software which transmits live operational data to a remote computer/mobile and alerts users in real-time of faults, alerts. With this software users can plan maintenance schedules, ad-hoc service records, order spare parts... and much more.

TECHNICAL SPECIFICATIONS *

PRIME MOVER

Engine : Cummins/Deutz/Detroit diesel Engines with latest EPA/EURO Emission compliance upto Tier4 final

COMPRESSOR

GHH - RAND/MAK or Equivalent oil free Screw compressor

TWIN MODE OPERATION

- Jet start/AC packs modes have independent programmable supply pressures
- Jet start @ 40 psig
- Air packs @ 30 psig

PERFORMANCE SPECIFICATIONS FOR PNEUMATIC POWER

Discharge Pressure	: 40 psig
Discharge Temperature	: 392°F (200°C) working
OAT	: -22°F to +118°F (-30°C to + 48°C)

PERFORMANCE SPECIFICATIONS FOR AC PACK (when used with onboard ECS)

Discharge Pressure : 30 psig

Operates under any weather conditions (rain, snow, hail, fog, wind, sand & dust)

Storage type ASU with Integral/Separate charging Station also available

MOUNTING CONFIGURATION :
Towable trailer mounted / Self propelled / Skid mounted for truck

* Due to continuous development, the dimensions, layout, configuration and specifications are subject to change without notice.

ASU OPERATIONS MONITORING

Following Parameters are displayed through GUI touch screen in graphical format for quick and easy interpretation.

ENGINE PARAMETERS

- Engine oil pressure
- Engine coolant temperature
- Engine speed
- Engine hours run
- Real time
- Battery charging current
- Fuel level

COMPRESSOR PARAMETERS

- Delivery air pressure
- Delivery air temperature

PROTECTIONS

A. For Engine

- Low lube oil pressure shutdown
- High coolant temperature shutdown
- Over speed shutdown
- Under speed shutdown

B. For Compressor

- Low lube oil pressure shutdown
- High lube oil temperature shutdown

C. For System

- Engine Shutdown is De-activated during AST mode operation
- High delivery air temperature shutdown
- High delivery air pressure (relieving to atmosphere)

For detailed technical specifications or any other queries please contact us

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