

AIR CONDITIONING UNIT

MAK
ISO 9001 : 2008 Company



- Highly reliable Deutz / Cummins / Detroit Diesel/Equivalent Diesel Engines.
- Digital System - PLC based
 - Field tested proven system
 - Ensured safety to aircraft
 - Operations through GUI touch screen
- Fully automated temperature control
- No pump down cycle
- Remote fault Diagnosis - Standard Scope
- Meets latest EPA norms
- Walk Away - Protection and Control (Unattended Operation)
- Low Noise level
- Meets MIL and ARP Standards
- Online tracking / monitoring system (Optional)

The most reliable Aircraft GSE on earth from AIR+MAK

Ratings	: 35 / 70 / 140 / 150 / 200 TR
Type	: Towable Trailer Mounted
Operating temperature	: Depends on operating destination
Altitude	: 1000 ft.
Relative Humidity	: 20% to 95% (Depends on operating destination)
Storage temperature	: -40 to 149 °F (- 40 to 65 °C)

ENGINE

Engine	: Deutz / Cummins / Detroit Diesel / Equivalent diesel engine
Operating Speed	: Variable
Coupling	: Direct through Flexible Coupling
Fuel	: Diesel

REFRIGERANT SYSTEM

Compressor	: BITZER make / Equivalent
Refrigerant	: R134a
Other refrigerant companies	: Danfoss / Henry / equivalent make
Maximum humidity	: 100%

AIR FLOW SYSTEM

Air output flow	: 100 ppm to 600 ppm
Blower output pressure	: upto 53" water column
Output temperature	: 39 to 54 °F (4 to 12 °C)

OTHER TYPES

 **Type : Self Propelled / Skid Mounted for Truck**

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

Note : For more details, Please contact us.

VICTORY GSE

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MONITORING

Following Parameters are displayed through GUI touch screen

- Engine Oil Pressure
- Engine Coolant Temperature
- Engine RPM
- Fuel Level
- Battery Voltage
- Output Air Temperature
- Set output Air Temperature
- Output Pressure
- Compressor Oil Temperature
- Engine Hours Run
- Battery Charging Current

PROTECTIONS

A. For Engine

- Low Lube Oil Pressure Shutdown
- High Coolant Temperature Shutdown
- Over Speed Shutdown
- Low Fuel Shutdown
- Low Coolant Indication
- Charge Fail Indication
- Air Filter Clog Indication

B. For Refrigerant Compressor

- Refrigerant High Discharge Pressure Shutdown
- High Compressor Oil Temperature shutdown
- Low Compressor Oil Pressure shutdown
- High Compressor Oil Pressure shutdown
- Low Compressor Oil Level shutdown
- Refrigerant High Discharge Temperature shutdown
- Refrigerant Low Suction Pressure Indication
- High Output Air Temperature Indication

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