

110T Mobile Air Conditioning

ACU-110T-Mobile

The Mobile ACU has a cooling capacity of 110RT and is designed to provide passenger support for Type E Aircraft.

It is powered by self-contained diesel Gen-set or city power supply system. The unique, symmetrical dual-independent system makes the unit compatible with products of low EER- and is multifunctional.

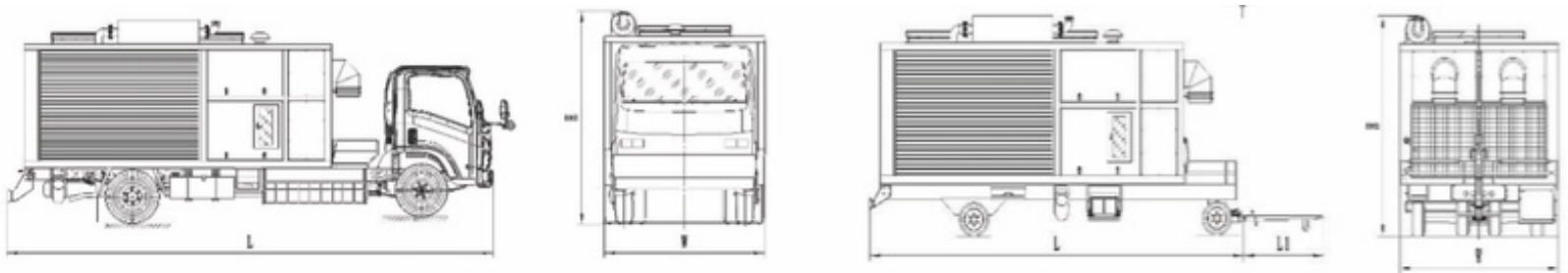


Specifications

Ambient Temperature.....	0 to~+50 Degrees Celcius
Function.....	Cooling
Cooling Capacity.....	110 RT
Air Delivery Temperature.....	+4~6 Degrees Celcius
Refrigerant.....	R134a
Maximum Air Flow.....	16,000m3/h (705 lbs/min)
Maximum Air Pressure.....	4,500 PA (18 inch H2O)
Dimensions L x W x H.	6,400 x 2,480 x 2,900 mm
Dimensions Including Trailer L x W x H.....	252 x 97.6 x 114.2 inches
Weight(approx.) including trailer.....	about 7,500kg (16,535 lbs)
Weight(approx.) truck-mounted.....	about 9,500kg (20,944 lbs)
Air Hose Quantity.	TWO
Air Hose Length.	15 m (49 ft.)
Compressor Type.....	Screw (BITZER)
Compressor Capacity control.....	Automatic, 0% -100% energy regulation
Blower Type.....	Centrifugal
Blower Motor.....	Siemens/ABB
Generation Unit Engine.....	VOLVO (DEUTZ)
Electrical parameters.....	Emmision Euro II, Emmision Euro III
Trailer Chasis:	ISUZU

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Optional Specifications

- *Trailer mounted/Truck Mounted
- *Warning beacon (Red or Yellow)
- *Dual Power Supply
- *Refrigeration gage Package
- *Heating mode

Additional Information

Dual Independent Refrigeration Systems

-serve all types of aircrafts up to A340/B747.
The Mobile ACU is multifunctional. One system operates individually and is able to service two Typ e-C aircrafts at the same time.



High Cooling Efficiency

- *Beyond AHM standard, the unit is able to operate normally under 55 degree Celsius
- *Enlarged heat exchange system enhances adaptation to temperature extremes
- *Energy efficiency achieved with 25%-100% capacity control against load

Reliability

- *PLC + HMI full automatic control ensure stable and reliable operation
- *Full automatic control ensures a stable and reliable operation
- *Dual systems of auto defrost mode guarantee stable operation with main components supplied by reliable manufacturers, internationally
- *Certified by AHM, ASHRAE, NEMA, GB, NEC and CE

Easy Maintenance and Operation

- *Chequup and Uninstall for all components enabled
- *One bottom control for startup and shutdown
- *Real time data display recorded, helps maintenance and overhaul
- *Doors are designed ergonomically for driver comfort