

# AgileAir® from Oshkosh AeroTech

## Combination Conditioned Air, Bleed Air, and Power Carts



## Defense

When support IS the mission

AgileAir is a diesel powered, high-pressure conditioned air, bleed air and power cart compatible with various 4th, 5th and 6th generation aircraft. It combines the capabilities of two separate carts – power and air – into a single platform that saves on transport space, fuel consumption, and downtime. With no turbines, the AgileAir is highly reliable, easy to maintain, great for fuel economy and does so with less noise.



Intuitive HMI Controls / Optional Work Lights



Optional Pedestrian Drive Assist



Hose Basket (Optional) / Bleed Air Swivel

Nominal Characteristics	AgileAir Conditioned Air, Bleed Air, Power Cart
Configuration	Towable
Diesel Engine	Cummins Diesel QSL6.7 Tier III
Aircraft (Representative)	F-15, F-16, F-22, F-35 and more
Modes	Conditioned Air, Bleed Air, Electrical Power
Application	Replaces Flightline Generators Up To 72kW/90kVA, Low Volume High Pressure Air Conditioners, & Bleed Air Carts
Ambient Envelope	-40°F to 125°F / -40°C to 52°C, 0 – 6000 ft
Weight	8,400 lbs / 3810 kg Dry
Length	141 in / 358 cm
Width	72 in / 177 cm
Height	70 in / 177 cm
<b>Conditioned Air</b>	
Design Airflow	100 PPM / 750 g/s
Discharge Temperature	+40°F to 60°F / 4°C to 16°C
Maximum Static Pressure	6 psig / 41kPa
Outlet	8 in / 203 mm w/AS38386 male connector
<b>Bleed / ECS Air</b>	
Airflow	100 PPM / 750 g/s
Pressure	50 psig / 65 psia // 345 kPag / 448 kPaa
Outlet	4 in / 102 mm
<b>Output Power</b>	
400 Hz	90 kVA
28VDC	28 VDC @ 500 Amps (Optional)
270 VDC	270 VDC Output Power: 72kW Optional
Mil Std Power	Mil Std 704F
<b>Other</b>	
Fuel Type	JP8, JP5, JETA, 1-D, 2-D, TS-1, Jet A-1
Fuel Tank Capacity	Sized for up to 10 hours of operation
Integral Forklift Pockets	Yes
Air Transportable	Yes, C-130, C-17, C-5A, others
Chassis	Ackerman Steering / Hand Brake / Non-pneumatic Tires
Pedestrian Assist Drive	Yes, Optional Electric Powered Drive
Work Lights	Yes, Optional
Fabrication	ISO 9001



Powerful, but Smaller Package

### Key Features:

- Bleed air, conditioned air, and power in one package – smaller footprint
- Fuel efficient diesel engine
- Low noise emissions
- Digitally controlled, large color HMI
- Common support equipment for fighter, cargo, bomber and ISR aircraft
- Powder coated steel frame, aluminum doors
- Battery disconnect, for storage

### Accessories:

- Various Hose and Cable Lengths Available
- 40 ft (12m) 400 Hz cable
- 40 ft (12m) 270 VDC cable
- 2 each 15ft (4.6m) 8 in (203mm) air ducts w/ AS38386 male/female ends
- 1 each 8 in (203mm) to 4 in (102mm) hose reducer section
- 1 MS16051F air connector
- 1 MIL-DTL-2253 1E bleed air adaptor
- 40 ft (12m) MIL-DTL-22706(G) bleed air hose

### Optional:

- Electric drive system for single person mobility
- Rear mounted hose storage bin
- Corner mounted LED work lights
- MS 17835 (inlet) and MS 17833 (outlet)
- Engine Reader – for Maintenance



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