

# JetAire® Conditioned Air Units for Bleed and Environmental Control System (ECS) Air

AeroTech manufactures several high-pressure, bleed-air capable conditioned air units used to support fighter aircraft operations and testing.



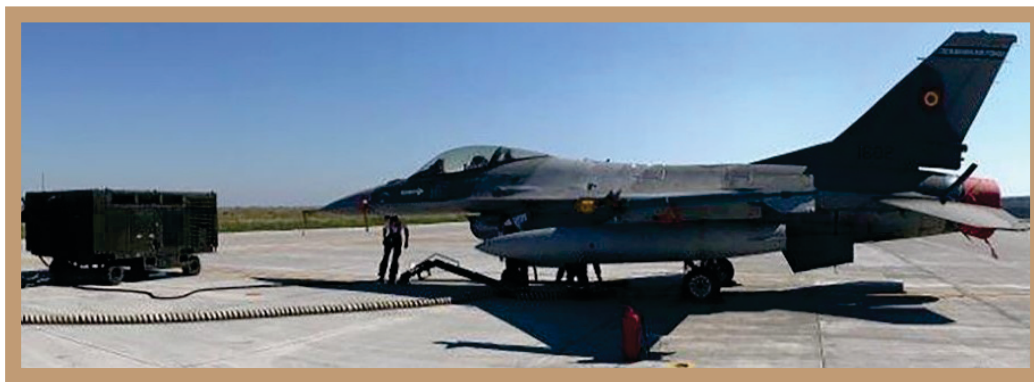
An Oshkosh Corporation Company

## Defense

When support IS the mission

AeroTech produces three unique solutions supplying Bleed and ECS air for fighter jets. With airflows ranging from 0 lb/min up to 150 lb/min and discharge pressures moving from 0 to 50 psig, there is a JBT high pressure air cart for virtually any application. Additionally, the AgileAir® cart not only supplies bleed air, but it is a diesel-powered combination air and power cart that supplies conditioned cooling air and 400 Hz electrical power.

AeroTech delivers a comprehensive range of air and power devices for military applications using fighter, cargo or specialty aircraft.



### Specifications

Characteristic	AgileAir	CAS	Helios
Bleed Air Flow	100 lbs / min, 750 g / s	0 - 100 lbs / min, 750 g / s	0 - 150 lbs / min, 750 g / s
Discharge Temp	N/A	400 - 500 °F, 204 - 288 °C	160 - 250 °F, 71 - 121 °C
Discharge Pressure	0 - 45.5 psig, 0 - 314 kPa	0 - 50 psig, 0 - 345 kPa	0 - 45.5 psig, 0 - 314 kPa
Operating Temp	-40 - 120 °F, -40 - 49 °C	-4 - 125 °F, -20 - 52 °C	-40 - 140 °F, -40 - 60 °C
Length	122 in, 3.1 m	162.25 in, 4.12 m	168 in, 4.27 m
Width	70 in, 1.8 m	78 in, 1.98 m	78 in, 1.98 m
Height	85.5 in, 2.2 m	92 in, 2.33 m	92 in, 2.33 m
Weight Fueled			14,575 lbs, 6,694 kgs
Weight Dry	7,000 lbs, 3,175 kgs	10,000 lbs, 4536 kgs	13,829 lbs, 6,273 kgs
Engine	Cummins QSL 6.7 L	Cummins QSL 9 L	Cummins QSM11
Conditioned Air Output	100 lbs / min @ 6 psig	N/A	N/A
Power Output	400 Hz, 75 kVA	N/A	N/A
Compressor Type	Proprietary	Screw	Screw
SERDS	01A10-1A	41A35-1A	Developed for FMS

Contact AeroTech Defense for more details.

Website: [www.oshkshaerotech.com](http://www.oshkshaerotech.com)