



WGAS180 continuous flow aircraft jet engine start unit provides pressurized air to start jet engines. The start air pressure is adjustable up to 40 psig and delivers 180 pounds per minute flow. The unit consists of a diesel engine with proper horsepower rating, air cooled, oil free rotary screw compressor and air regulating system, sound attenuation, and easy to operate control panel.

CHASSIS:

The unit can be trailer mounted or mounted on a customer's choice of chassis. The chassis should have a carrying capacity of at least 4.2 Tons (Isuzu NPR66) or can be selected by the customer.

COMPRESSOR:

- **Aerzen:** oil-free, dual screw air compressor model VML310.
- **Integral oil cooler and fan**
- **Doubled sealed and ventilated intermediate chambers**
- **Integrated housing** bolts directly to the engine
- **Torsional isolation** between male compressor rotor and built in gearbox
- **Automatic speed reduction** decreases engine speed when full output is not required
- **Outlet air temperature** 410 deg. F (210 deg. C) std. day conditions

ENGINE:

Volvo TAD1230V engine rated at 350kw @ 2100 rpm, diesel engine with electronic governor. Alternator 24V 60Amp. Other engines available on request.

SAFETY SYSTEMS:

- **Aircraft:** dual over pressure protection. All other unit safety systems are eliminated during engine start.
- **Unit:** includes engine and compressor temperature and oil pressure with fault annunciator panel.
- **Airpacs/jet-start** modes both available
- **One 3 1/2inch ID** outlet provided at either end of unit. One 30 ft. hose and scuff jacket included.

	OPTIONAL EQUIPMENT
	<ul style="list-style-type: none"> • Cold weather starting aids • Fuel/water separator • Low fuel warning system

Specifications

Engine	Model	Volvo TAD1230V
	Horse Power	476HP/2100RPM
Compressor Model (AERZEN)		VML 310
Air Flow		180 PPM
Air Pressure		40PSI
Mounting		Trailer/Truck
Length (Approx.) trailer/truck(note)		195''(4954mm)/248'' (6325 mm)
Width (Approx.) trailer/truck		83'' (2100 mm)/83'' (2100mm)
Height (Approx.) trailer/truck		92''(2350mm)/100'' (2555 mm)

Note: Dimensions for vehicle mounted units varies according to the chassis selected.

Revised: August, 2003

SPECIFICATIONS TO CHANGE WITHOUT NOTICE



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