

# G4W

## GENERATION 4 ENGINE WASH UNIT FOR AIRCRAFT

### EQUIPMENT DESCRIPTION

The patented EcoPower® G4W Wash Unit is designed for washing aircraft engines and treating the collected effluent. The G4W along with a wash manifold and collector, provides a closed-loop, environmentally friendly engine wash process. The G4W can wash the largest to the smallest gas turbine engines and APUs. The G4W can also be used in test cells for off-aircraft engine washing.



The G4W includes a diesel powered engine, 450L water tank with heaters, high pressure water pump, water treatment system, operator controls and hoses. The enclosure provides protection from the environment and allows easy access for operation and maintenance of the equipment. The G4W can be installed on a truck, dolly or in a van.

### STANDARD FEATURES

- Rugged Skid Mounted Frame/Enclosure
- 450 Liter (119 gallon) Stainless Tank
- Diesel/Jet Fuel Powered Engine
- 29 Liter (7.7 gallon) Fuel Tank
- Coolant and Exhaust Heat Exchangers
- 1 Phase Electric In-tank Heater
- Belt Driven High Pressure/High Temperature Pump
- Belt Driven Waste Water Suction Pump
- Waste Water Treatment Filters
- Deionization Tank
- Pressure Regulating Valve and Gauge
- Temperature Controller
- High Pressure and Suction Hoses - 15m (50ft) each
- Operator Controls and Emergency Stop
- Electronic Engine Control System
- CE Certified
- Optional Dolly
- Optional Handlance for Washing External Engine or Aircraft Surfaces

### DIMENSIONS/WEIGHTS/SPECIFICATIONS

Length .....	1545 mm (60.8")
Width .....	1245 mm (49.0")
Height .....	1445 mm (56.9")
Dry Weight .....	747 kg (1643 lbs.)
Weight with tanks full .....	1268 kg (2790 lbs.)
Working Pressure .....	5–85 bar (73–1233 psi)
Water flow .....	2.5–62 l/min (0.6–16.4 gal/min)



G4W in a Van



G4W on Truck



G4W on Truck



Manifold/Collector

### ECOPOWER ENGINE WASHING BENEFITS:

- Extends engine component life
- Removes salts and other contaminants
- Reduces maintenance cost
- Improves engine performance
- Reduces engine temperature & saves fuel
- Reduces wash times (~30 min/engine)
- Wash at any location with Collector
- Environmentally friendly & compliant
- Eliminates detergent & chemical purchase and disposal (water only process)

For more information please contact us at 1-855-432-6769 or email us at: [sales@ecopower.aero](mailto:sales@ecopower.aero)