

G3W

GENERATION 3 ENGINE WASH UNIT FOR NARROW BODY AIRCRAFT

EQUIPMENT DESCRIPTION

The patented EcoPower® G3W Wash Unit is designed for washing aircraft engines and treating the collected effluent. The G3W along with a wash manifold and collector, provides a closed-loop, environmentally friendly engine wash process. The G3W can also be used in test cells for off-aircraft engine washing.



The G3W includes a 400L water tank with heater, 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 G3W can be installed on a truck, dolly or on casters. Power must be supplied or an optional generator is available.

STANDARD FEATURES

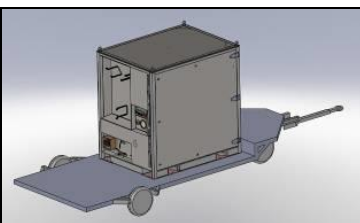
- Rugged Skid Mounted Frame/Enclosure
- 400 Liter (105 gallon) Stainless Tank
- 3 Phase Electric In-tank Heater
- High Pressure/High Temperature Pump
- Operator Controls
- Waste Water Suction Pump
- Waste Water Treatment Filters
- Deionization Tank
- Pressure and Temperature Controllers
- High Pressure and Suction Hoses
- Emergency Stop and Pressure Relief
- Power Options (14.5 kW prime, 3-phase):
 - 200VAC/400Hz
 - 480VAC/60Hz
 - 400VAC/50Hz
- Casters and drawbar
- CE/UL Certified
- Optional 1-phase Tank Heater
- Optional Diesel Generator
- Optional Dolly

DIMENSIONS/WEIGHTS/SPECIFICATIONS

Length	1535 mm (5'1")
Width	1140 mm (3'9")
Height	1535 mm (5'1")
Dry Weight	900 kg (1984 lbs)
Weight with tanks full	1300 kg (2865 lbs)
Working Pressure ..	60–80 bar (870–1250 psi)
Water flow	3–52 l/min (0.8–13.7 gal/min)



Controls



G3W on Dolly



G3W - DI Tank



G3W 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