



STINGRAY 6036 AIRCRAFT WHEEL WASHER SPECIFICATIONS

Standard Features & General Construction:

Green Technology: Closed Loop Zero Discharge & High Efficiency
 Stainless Steel Cabinet & Wetted Standard Components
 Heavy gage 3/16" Sheet Cabinet Thickness
 Pump Upgrade Stainless Steel Shafts, Fastners and Viton Seals
 Auto Fresh Water Rinse Cycle
 Auto Steam Exhaust System
 Auto Programmable Oil Skimmer System
 Engineered Wheel Wash Power Blast Manifold
 Oscillating Wash Manifold to Maximize Cleaning
 Removable Internal Reservoir Cover allows Full Access
 4 Station Aircraft Wheel Fixture

Swing Door Retracting Turntable for Maximum Access
 Electronic Water Level Control & Refill
 Easy to Service Front Wash Pump Suction Strainer
 Adjustable Electronic Temp Control, Temp Gage
 Control Transformer External of Panel minimizes Heat
 Programmable 24 Hour 7 Day Clock
 Low Water Shut-Off Protects Pumps & Heating System
 Electronic Door Safety Interlock
 Wash Cycle Timer with Auto Reset
 230 V or 460 V- 60 Hz 3-Phase with 120 V Controls
 Chemical Resistant Two Part 3 mil Epoxy Coating

Spray Manifold:

OSCILLATING NON- SYNCHRONOUS
 Angle of Oscillation: 39 degrees
 Frequency of Oscillation: 4 per minute
 Number of Wash Nozzles: 20
 Type of Nozzle: Vee-Jet
 Nozzle Material: 316 Stainless

Overall Dimensions:

Width: (Std Unit) 106 inches
 Depth: (Std Unit) 91 inches
 Height: 93 inches
 Empty Weight: 6,650 lbs
 Reservoir Capacity: 397 gallons
 Sludge Capacity: 80 gallons

Work Area Dimensions:

Turntable Diameter: 60 inches
 Work Height: 36 inches
 Table Load Capacity: 2,000 lbs

Heat System:

Operating Temperature: 140 - 190 degrees F
 Initial Heat-Up Time: 70 - 120 minutes
 Electric Heat Element Size: 80 kW
 Gas/Propane Eclipse 80% Eff 400,000 BTU/hr

Electrical:

Wiring Standard: NFPA 79
 Motor Starters: Across the line
 Short Circuit Protection: Std
 Overload Protection: Std
 Motor Type: Industrial
 Motor Rating: Continuous Duty
 Enclosures: TEFC
 Enclosures: NEMA 12
 Wiring Conduit: Flex- Non-Metallic
 Type of Conduit: Liquid tight NEMA12

Pump System & Performance:

High Efficiency, Rated for continuous duty (20 Start/hour without overheating), vertical, centrifugal, seal-less, balanced, enclosed impeller.

Note: All performance data taken at nozzle discharge.

STANDARD:

	70 hp
Total System Flow:	371 gpm
Flow per Nozzle:	18.6 gpm
System Pressure:	203 psi
Blast Velocity:	173 ft/sec

Results may vary based on machine configuration.



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