



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 304 Stainless Steel 3/16" Cabinet Thickness
 Stainless Steel Appointed Pump with Chemically Resistant Viton Seals
 Auto Heated Fresh Water Rinse Cycle
 Auto Steam Exhaust System
 Auto Programmable Oil Skimmer System
 Engineered Wheel Wash Power Blast Manifold
 Oscillating Blast **Non-Synchronous** to Turntable to Maximize Cleaning
 Removable Internal Reservoir Cover allows Full Access
 4 Station Aircraft Wheel Fixture - Optional Sizes

Swing Door Retracting Turntable for Maximum Access
 Automatic Electronic Water Level Control & Refill
 Easy Service Front Suction Strainer
 Adjustable Electronic Temp Control, Temp Gage
 Control Transformer External of Panel minimizes Heat
 Programmable 24/7 Clock for Heating & Skimmer
 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 mm 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) 106 inches
 Height: 93 inches
 Empty Weight: 8210 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 - 100 minutes
 Electric Heat Element Size: 80 kW
 Gas/Propane Eclipse 80% Eff: 400,000 BTU/hr
 Equivalent Electric Heat: 105 kW

Electrical:

Wiring Standard: NFPA 79
 Motor Starters: Across the line
 Short Circuit Protection: Std
 Overload Protection: Std
 Motor Type: Industrial
 Motor Rating: Continuous Duty
 Motor Enclosures: TEFC
 Electrical 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: 374.00 gpm
 Flow per Nozzle: 18.70 gpm
 System Pressure: 212.00 psi
 Blast Velocity: 181.00 ft/sec
 Power Density: 1.19 hp/cuft



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