



STINGRAY 4036 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 mil Epoxy Coating

Spray Manifold:

OSCILLATING NON- SYNCHRONOUS
 Angle of Oscillation: 39 degrees
 Frequency of Oscillation: 4 per minute
 Number of Wash Nozzles: 16
 Type of Nozzle: Vee-Jet
 Nozzle Material: 316 Stainless
 Nozzle Spray Pattern: 25 degrees

Overall Dimensions:

Width: (Std Unit) 79 inches
 Depth: (Std Unit) 74 inches
 Height: 80 inches
 Empty Weight: 4100 lbs
 Reservoir Capacity: 180 gallons
 Sludge Capacity: 47 gallons

Work Area Dimensions:

Turntable Diameter: 41 inches
 Work Height: 36 inches
 Table Load Capacity: 1,800 lbs

Heat System:

Operating Temperature: 140 - 190 degrees F
 Initial Heat-Up Time: 60 - 90 minutes
 Element Size: 30 kW
 Gas/Propane 180,000 BTU/hr

Electrical:

Wiring Standard: NFPA 79 Motor Rating: Continuous Duty
 Motor Starters: Across the line Enclosures: TEFC
 Short Circuit Protection: Std Enclosures: NEMA 12
 Overload Protection: Std Wiring Conduit: Flex- Non-Metallic
 Motor Type: Energy-Efficient NEMA MG-1 Type of Conduit: Liquidtight 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:

40 hp
 Total System Flow: 274 gpm
 Flow per Nozzle: 16.8 gpm
 System Pressure: 168 psi
 Blast Velocity: 159 ft/sec

UPGRADE: (Duplex)

55 hp
 Total System Flow: 303 gpm
 Flow per Nozzle: 18.9 gpm
 System Pressure: 212 psi
 Blast Velocity: 177 ft/sec



Results may vary based on machine configuration.



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