

STINGRAY 4036

AIRCRAFT WHEEL WASHER

METRIC SPECIFICATIONS



Standard Features & General Construction:

Green Technology: Closed Loop Zero Discharge & High Efficiency
 Stainless Steel Cabinet & Wetted Standard Components
 Heavy gage 304 Stainless Steel 4.7 mm 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
 2 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
 Optional: 380 V / 415 V - 50 Hz 3-Phase
 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: 16
 Type of Nozzle: Flat Tapered V-Jet
 Nozzle Material: 316 Stainless
 Nozzle Spray Pattern: 25 degrees

Overall Dimensions:

Width: (Std Unit) 2010 mm
 Depth: (Std Unit) 1880 mm
 Height: 2030 mm
 Empty Weight: 2020 kg
 Reservoir Capacity: 681 liters
 Sludge Capacity: 178 liters

Work Area Dimensions:

Turntable Diameter: 1040 mm
 Work Height: 914 mm
 Table Load Capacity: 817 kg

Heat System:

Operating Temperature: 60-88 degrees C
 Initial Heat-Up Time: 60 - 90 minutes
 Element Size STD: 30 kW
 High-Output Electric Heat: 45 kW
 Gas/Propane 53 kW

Electrical:

Wiring Standard: NFPA 79 Motor Rating: Continuous Duty
 Motor Starters: IEC Type 2 Enclosures: TEFC/NEMA 12
 Short Circuit Protection: Coordinated Enclosures: IP65
 Overload Protection: Thermal Class 10 Wiring Conduit: Flex- Non-Metallic
 Motor Type: NEMA MG-1 Type of Conduit: Liquidtight IP65

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:

	30 kW
Total System Flow:	1040 lpm
Flow per Nozzle:	64 lpm
System Pressure:	11.6 bar
Blast Velocity:	49 mps

UPGRADE: (Duplex)

	41 kW
Total System Flow:	1150 lpm
Flow per Nozzle:	72 lpm
System Pressure:	14.6 bar
Blast Velocity:	54 mps



Results may vary based on machine configuration.



STINGRAY MANUFACTURING
 2450 Adie Road • St. Louis, MO 63043 USA
 Phone: (314)447-9000 • Fax: (314)447-0909
 Email: sales@stingwash.com • www.stingwash.com