

STINGRAY 4036

AIRCRAFT WHEEL WASHER

SPECIFICATIONS



Standard Features & General Construction:

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| <ul style="list-style-type: none"> 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 2 Station Aircraft Wheel Fixture - Optional Sizes | <ul style="list-style-type: none"> 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 |
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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:	4450 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:

UPGRADE: (Duplex)

	40 hp	55 hp
Total System Flow:	274 gpm	303 gpm
Flow per Nozzle:	16.8 gpm	18.9 gpm
System Pressure:	168 psi	212 psi
Blast Velocity:	159 ft/sec	177 ft/sec



Results may vary based on machine configuration.



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