



STINGRAY 3032

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
 Heated Automatic Fresh Water Rinse Cycle
 Automatic Steam Exhaust System
 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
 Electronic Heat Control with Real-Time Digital Display
 Control Transformer External of Panel minimizes Heat
 Programmable 24/7 Clock for Heating & Skimmer
 Low Water Shut-Off Protects Pumps & Heating System
 Wash Door Safety Switch with Electronic Surveillance
 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 Blast 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: 15 degrees

Overall Dimensions:

Width: (Std Unit) 66 inches
 Depth: (Std Unit) 67 inches
 Height: 78 inches
 Empty Weight: 3,150 lbs
 Reservoir Capacity: 130 gallons
 Sludge Capacity: 37 gallons

Work Area Dimensions:

Turntable Diameter: 30 inches
 Cleaning Work Height: 32 inches
 Turntable Height above Floor: 29.5 inches
 Table Load Capacity: 1,000 lbs

Heat System:

Operating Temperature: 140 - 190 degrees F
 Initial Heat-Up Time: 60 - 90 minutes
 Electric Heat Element Size Std: 30 kW
 High-Output Electric Heat 45 kW
 Gas/Propane 180,000 BTU/hr

Electrical:

Wiring Standard: NFPA 79
 Motor Starters: IEC Type 2
 Short Circuit Protection: Coordinated
 Overload Protection: Thermal Class10
 Motor Type: NEMA MG-1

Motor Rating: Continuous Duty
 Motor Enclosures: TEFC/NEMA 12
 Electrical Enclosures: NEMA 12
 Wiring Conduit: Flex- Non-Metallic
 Conduit Type: 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: Pump	UPGRADE: Simplex
	30 hp	40 hp
Total System Flow:	256 gpm	268 gpm
Flow per Nozzle:	16.0 gpm	16.8 gpm
System Pressure:	152 psi	165 psi
Blast Velocity:	150 ft/sec	156 ft/sec



Results and Dimensions may vary based on machine configuration.



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