



# STINGRAY 3032 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 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)	1670 mm
Depth: (Std Unit)	1700 mm
Height:	1980 mm
Empty Weight:	1430 kg
Reservoir Capacity:	492 liters
Sludge Capacity:	140 liters

### Work Area Dimensions:

Turntable Diameter:	760 mm
Cleaning Work Height:	813 mm
Turntable Height above Floor:	749 mm
Table Load Capacity:	453 kg

### Heat System:

Operating Temperature:	60 - 80 degrees C
Initial Heat-Up Time:	60 - 90 minutes
Electric Heat 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	Motor Enclosures:	TEFC/IP65
Short Circuit Protection:	Coordinated	Electrical Enclosures:	IP65
Overload Protection:	Thermal Class10	Wiring Conduit:	Flex- Non-Metallic
Motor Type:	NEMA MG-1	Conduit Type:	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: Pump	UPGRADE: Simplex
	<b>22.5 kW</b>	<b>30 kW</b>
Total System Flow:	979 lpm	1013 lpm
Flow per Nozzle:	61 lpm	64 lpm
System Pressure:	10.5 bar	11.4 bar
Blast Velocity:	46 mps	48 mps



Results and Dimensions may vary based on machine configuration.



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