

# STINGRAY 6048 DUAL LIFT DOOR IN-LINE BATCH PARTS WASHER METRIC SPECIFICATIONS

## Standard Features & General Construction:

- Oscillating Manifold:** Non-Synchronous to the Turntable - Maximizes Cleaning.
- Dual Lift Door System:** Allows for Maximum Loads per Shift
- Closed-Loop, Zero Discharge Cleaning Process:** Environmentally Friendly.
- Heated Fresh Water Rinse:** Removes Residual Detergent (Optional).
- Automatic Steam Exhaust:** Facilitates Flash Drying of Parts.
- Non-Intersecting Stainless Steel V-Jet Nozzles:** Blasts Parts Clean.
- Heavy 7-Gauge, 4.7 mm Sheet Steel Cabinet.**
- Electronic Water Level Control:** Maintains Proper Solution Level.
- Programmable 24-Hour 7-Day Clock:** Delivers Simple Operation.
- Wash Cycle Timer with Auto Reset:** Effortless Cleaning Cycle Programming.
- Easy Access Solution Tank:** Delivers Trouble-Free Maintenance.
- Electronic Door Safety Interlock:** Prevents Operation if Switch Fails.
- StingRay Blue, 2-Part, 3 mil Epoxy Coating:** Withstands Cleaning Chemicals.
- Adjustable Electronic Temp Control, Temp Gauge, Digital 2-Line Display Control Transformer External of Panel:** Minimizes Heat.
- Low Water Shut-Off:** Protects Pumps & Heating System.
- Quality Conforms to ISO9001 and OSHA-Compliant**



## Power Blast Manifold:

### OSCILLATING NON- SYNCHRONOUS

Angle of Oscillation:	41 degrees
Frequency of Oscillation:	4 per minute
Number of Wash Nozzles:	20
Type of Nozzle:	Flat Tapered V-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

## Heat System:

Operating Temperature:	60 - 88 degrees C
Initial Heat-Up Time:	120 minutes
Element Size STD:	80 kW
High-Output Electric Heat:	100 kW
Gas/Propane Eclipse 80% Eff	291 kW

## Base Machine Work Area Dimensions:

Turntable Diameter:	1520 mm
Cleaning Work Height:	1210 mm
Turntable Height above Floor:	876 mm
Door Opening Width	1240 mm
Table Load Capacity:	907 kg
Heavy Duty Capacity:	1588 kg

## Base Machine Overall Dimensions:

Width: (Std Unit)	2640 mm
Depth: (Std Unit)	2080 mm
Height:	4360 mm
Empty Weight:	3920 kg
Reservoir Capacity:	1722 liters
Duplex Reservoir:	Add 208 liters
Sludge Capacity:	303 liters



## 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:	UPGRADES: (Simplex)		UPGRADES: (Duplex)	
	15 kW	22 kW	30 kW	41 kW	52 kW
Total System Flow:	1020 lpm	1140 lpm	1210 lpm	1350 lpm	1400 lpm
Flow per Nozzle:	51 lpm	57 lpm	61 lpm	67 lpm	70 lpm
System Pressure:	7.4 bar	9.2 bar	10.3 bar	12.9 bar	14.0 bar
Blast Velocity:	38 mps	43 mps	45 mps	51 mps	53 mps

Results and Dimensions may vary based on machine configuration.

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