

STINGRAY 4040 Parts Washer

SPECIFICATIONS



Standard Features & General Construction:

- Green Technology: Closed Loop Zero Discharge
- Swing Door Retracting Turntable for Maximum Access
- Electronic Water Level Control & Refill
- Oscillating Wash Manifold to Maximize Cleaning
- Wash Pump Suction Strainer
- Adjustable Electronic Temp Control, Temp Gage
- Control Transformer External of Panel minimizes Heat
- Programmable 24 Hour 7 Day Clock
- Low Water Shut-Off Protects Pumps & Heating System
- Electronic Door Safety Interlock
- Wash Cycle Timer with Auto Reset
- Heavy gage 3/16" Sheet Steel Cabinet Thickness
- 230 V or 460 V- 60 Hz 3-Phase with 120 V Controls
- Chemical Resistant Two Part 3 mil 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:	Vee-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

Overall Dimensions:

Width: (Std Unit)	79 inches
Depth: (Std Unit)	74 inches
Height:	83 inches
Empty Weight:	3,900 lbs
Reservoir Capacity:	180 gallons
Duplex Reservoir -	Add 47 gallons
Sludge Capacity:	47 gallons

Work Area Dimensions:

Turntable Diameter:	41 inches
Work Height:	39 inches
Table Load Capacity:	1,500 lbs
Heavy Duty Capacity:	3,500 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:	Industrial	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:

UPGRADES: (Simplex)

UPGRADES: (Duplex)

	10 hp	20 hp	30 hp	40 hp	55 hp
Total System Flow:	180 gpm	221 gpm	256 gpm	268 gpm	303 gpm
Flow per Nozzle:	11.3 gpm	13.8 gpm	16.0 gpm	16.8 gpm	18.9 gpm
System Pressure:	75 psi	112 psi	152 psi	165 psi	212 psi
Blast Velocity:	105 ft/sec	129 ft/sec	150 ft/sec	156 ft/sec	177 ft/sec

Results may vary based on machine configuration.

STINGRAY Manufacturing* 111 West Port Plaza Suite 600 * St. Louis, MO 63146

Phone 314-567-9000 * Toll free 1-888-720-7222 * FAX 314-477-0909

E-mail: sales@StingWash.com

Website: www.StingRayPartsWasher.com