

STINGRAY 12090 CLAMSHELL

SPECIFICATIONS



Standard Features & General Construction:

- Green** Technology: Closed Loop Zero Discharge
- ClamShell Door Design for Maximum Turntable Access
- Electronic Water Level Control & Refill
- Oscillating Wash Manifold to Maximize Cleaning
- Easy to Service 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 1/4" Sheet Steel Cabinet Thickness
- 230 V or 460 V- 60 Hz 3-Phase with 120 V Controls
- Chemical Resistant Two Part, 3 mm Epoxy Coating

Spray Manifold:

OSCILLATING NON- SYNCHRONOUS

Angle of Oscillation:	40 degrees
Frequency of Oscillation:	4 per minute
Number of Wash Nozzles:	32
Type of Nozzle:	Vee-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

Overall Dimensions:

Width: (Std Unit)	164 inches
Depth: (Std Unit)	158 inches
Height:	160 inches
Empty Weight:	26,500 lbs
Reservoir Capacity:	994 gallons
Quadroplex:	Add 77 gallons
Sludge Capacity:	180 gallons

Work Area Dimensions:

Turntable Diameter:	120 inches
Work Height:	90 inches
Table Load Capacity:	28,000 lbs
Heavy Duty Capacity:	60,000 lbs

Heat System:

Operating Temperature:	180 degrees F
Initial Heat-Up Time:	120 Minutes
Electric Heat Element Size:	120 kW
Gas/Propane Eclipse 80% Eff:	990,000 BTU/hr
Equivalent Electric Heat:	230 kW

Electrical:

Wiring Standard:	NFPA 79	Motor Rating:	Continuous Duty
Motor Starters:	Across the line	Motor Enclosures:	TEFC
Short Circuit Protection:	Std	Electrical Enclosures:	NEMA 12
Overload Protection:	Std	Wiring Conduit:	Flex- Non-Metallic
Motor Type:	Energy-Efficient	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 (Duplex):

	32 Nozzles
Pump System	70 hp
Total System Flow:	502 gpm
Flow per Nozzle:	15.7 gpm
System Pressure:	152 psi
Blast Velocity:	156 ft/sec

OPTIONS (Quadroplex):

	64 Nozzles	48 Nozzles
	140 hp	140 hp
	1004 gpm	860 gpm
	15.7 gpm	19.9 gpm
	152 psi	190 psi
	156 ft/sec	198 ft/sec

Results may vary based on machine configuration.



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