



STINGRAY 5248

METRIC 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
- Easy to Service Front 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 4.7 mm Sheet Steel Cabinet Thickness
- 230 V or 460 V- 60 Hz 3-Phase with 120 V Controls
- Optional: 380 V / 415 V - 50 Hz 3-Phase
- Chemical Resistant Two Part, 3 mm Epoxy Coating in Blue

Spray Manifold:

| | |
|-------------------------------------|--------------------|
| OSCILLATING NON- SYNCHRONOUS | |
| Angle of Oscillation: | 39 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 |

Overall Dimensions:

| | |
|---------------------|----------------|
| Width: (Std Unit) | 2480 mm |
| Depth: (Std Unit) | 2200 mm |
| Height: | 2360 mm |
| Empty Weight: | 2630 kg |
| Reservoir Capacity: | 1003 liters |
| Duplex Reservoir: | Add 178 liters |
| Sludge Capacity: | 284 liters |

Work Area Dimensions:

| | |
|-------------------------------|---------|
| Turntable Diameter: | 1320 mm |
| Cleaning Work Height: | 1210 mm |
| Turntable Height above Floor: | 876 mm |
| Table Load Capacity: | 906 kg |
| Heavy Duty Capacity: | 2720 kg |

Heat System:

| | |
|------------------------------|-------------------|
| Operating Temperature: | 60 - 88 degrees C |
| Initial Heat-Up Time: | 60 - 90 minutes |
| Element Size STD: | 60 kW |
| High-Output Electric Heat: | 80 kW |
| Gas/Propane Eclipse 80% Eff: | 117 kW |

Electrical:

| | | | |
|---------------------------|------------------|------------------------|--------------------|
| Wiring Standard: | NFPA 79 | Motor Rating: | Continuous Duty |
| Motor Starters: | IEC Type 2 | Motor Enclosures: | TEFC/NEMA 12 |
| Short Circuit Protection: | Coordinated | Electrical Enclosures: | IP65 |
| Overload Protection: | Thermal Class 10 | Wiring Conduit: | Flex- Non-Metallic |
| Motor Type: | NEMA MG-1 | 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) | |
|--------------------|-----------|--|---------------------|----------|--------------------|----------|
| | 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 | 10.5 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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