

# Torrent Parts Washer

**Speed | Strength | Safety**

**A revolutionary and powerful Aqueous Parts Washing Machine that combines the triple-action cleaning power of heat, chemistry and pressure for superior results.**

Unlike traditional parts washers that use petroleum or chlorinated solvents, Torrent uses a water-based surfactant blend. This unique, solvent-free approach to parts washing reduces employee risk while cleaning parts within one minute.

- Cleans hard-to-reach areas with heat and pressure
- Up to 5 times faster than traditional automatic parts cleaning
- Up to 8 times faster than solvent-based manual washing
- Safer, solvent-free solution

## SAFER PARTS CLEANING

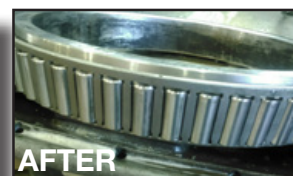
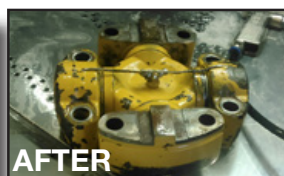
Torrents are more cost effective, safer and faster compared to solvent-based parts washers. With the Torrent your staff's exposure to flammable solvents is reduced.

## SUPERIOR PERFORMANCE

Torrents combine the action of pressure, temperature, and chemistry to work faster than automatic machines. Torrent's unique design cleans where automatic machines cannot. Powerful cleaning solution & corrosion inhibitors allows for a safer washing of all metals and materials.

## ECONOMICAL OPERATION

Time and time again, the Torrent proves more cost effective than traditional parts washers. In addition to better performance, Torrents cut hazardous waste costs by eliminating the use of solvent-based chemicals. Torrent also reduces labor costs by virtually eliminating the need for secondary cleaning with aerosols.





# CLEANERS – Parts Washers



## Aqueous Parts Washers



Solve the problems of traditional parts washers with: Improved Productivity, Safer User Experience, and Environmentally-friendly.

### IMPROVED PRODUCTIVITY

- Pressure, temperature and chemistry for a faster cleaning
- Cuts hazardous waste fees
- Lower labor costs
- Reduces secondary cleaning with aerosols

### SAFER USER EXPERIENCE

- Reduces exposure to harmful chemicals
- Sealed cabinet provides safer operation
- Washes all parts safely
- Eliminates fire hazard with water-based cleaning solution

### ENVIRONMENTALLY-FRIENDLY

- Reduces generation of hazardous waste
- Solution is compatible with environmentally preferable purchasing programs
- Helps achieve ISO goals and objectives

### Torrent 500 Aqueous Parts Washer

- Maximum Height (open lid): 89"
- Minimum Height (closed lid): 63.4"
- Sink Capacity: 28.5"W x 24"L x 24"H (16,416 cubic inches)
- Maximum Sink Tray Load: 110 lbs.
- Drum Fill Capacity: 30.38 gallons
- Operational Liquid Level: min/max: 16–23.5 gallons
- Overall Dimensions: 89.13"H x 36.53"W x 30.16"D (open lid)
- Weight: 265 lbs.
- Nationally Recognized Testing Laboratory (NRTL) Approval: ETL
- Cleaning Solution pH: Concentrated: 10.5–11; Diluted with water: 7.5–8.5
- Dedicated 230V or 115V
- Required Air Pressure: 90–150 psi (6.2–10.3 bar)
- Current Rating: 9A (230V) or 14A (115V)
- Pump Motor: 1 HP (230V) or 1.7A (115V)
- Immersion Heater: 2 KW (230V) or 1 KW (115V)
- Temperature: Up to 131°F
- Spraying Pressure: 450 psi (31 bar)
- Pump Capacity: 1.85 gal./min.



Power Requirement (Volts)	Item No.	Pkg. Qty.
115	PM99974000	1
230	PM99975000	1

### Torrent 700 Aqueous Parts Washer

- Maximum Height (open lid): 92"
- Minimum Height (closed lid): 65"
- Sink Capacity: 51"W x 30"L x 24"H (36,720 cubic inches)
- Maximum Sink Tray Load: 250 lbs. with turntable; 180 lbs. without turntable
- Drum Fill Capacity: 30.38 gallons
- Operational Liquid Level: min/max: 16–26.5 gallons
- Overall Dimensions: 91.73"H x 53.15"W x 37"D
- Weight: 331 lbs.
- Nationally Recognized Testing Laboratory (NRTL) Approval: ETL
- Cleaning Solution pH: Concentrated 10.5–11.0; Diluted with water 7.5–8.5
- Dedicated 230V or 115V
- Required Air Pressure: 90–150 psi (6.2–10.3 bar)
- Current Rating: 9A (230V) or 14A (115V)
- Pump Motor: 2 HP
- Immersion Heater: 2 KW (230V) or 1 KW (115V)
- Temperature: Up to 131°F
- Spraying Pressure: 450 psi (31 bar)
- Pump Capacity: 2.5 gal./min.



Power Requirement (Volts)	Item No.	Pkg. Qty.
115	PM99977000	1
230	PM99977001	1





## 1101 Aqueous Parts Cleaning Solution



Delivers superior cleaning with zero VOCs. Removes a variety of greases, oils and soils - from light oils to carbon. Cleans multiple metals, including aluminum and titanium. Free rinsing for cleaner parts and simplified cleaning. Spray wash and immersion applications - simple to use.

- No SARA Title III, Section 313 reportable ingredients
- No ozone depleting substances
- No global warming potential
- No CERCLA reportable ingredients
- No RCRA reportable ingredients or characteristics
- No APs (alkylphenols) or APEs (Alkylphenol Ethoxylates)
- No Glycol Ethers
- No Chelants
- No Butyl
- RoHS compliant

Container Type	Size (Gal.)	Item No.	Pkg. Qty.
Bottle	1	DY60110101	1 Gal.



## Nylon Filter Bags



Nylon fabric filter bags for Torrent parts washers.



Type	Item No.	Pkg. Qty.
160 Micron Filter Bag	PM99976037	1
200 Micron Filter Bag	PMFL005	1



## Nitrile Gloves



One pair of 26" long, extra large gloves to use with Torrent parts washer.



Item No.	Qty.
PMGL021	1

## Brulin 1990 GD Spray Wash Detergent



Mildly alkaline solution with excellent particulate removal abilities. Use in the manufacturing or rebuild of aerospace components in inline or cabinet type spray wash cleaning processes. An unrivaled combination of cleaning ability, broad material compatibility, extensive approvals and recyclability, produced in a safe formulation.



- Free rinsing
- The product of choice in most spray wash cleaning applications.

Container Type	Size (Gal.)	Item No.	Pkg. Qty.
Pail	5	DY60119905	5 Gal.

## Brulin Aquavantage 3887 GD Spray Wash Detergent



High technology aerospace detergent and cleaning technology. A new industry standard in immersion and ultrasonic cleaning. Provides exceptional cleaning from light oil to heavy carbon, with long tank life and simplified tank maintenance.



- Safer, yet balanced with high performance cleaning
- Cleans virtually all metals including steels, aluminum and titanium
- Effective in spray, immersion, or ultrasonic cleaning systems

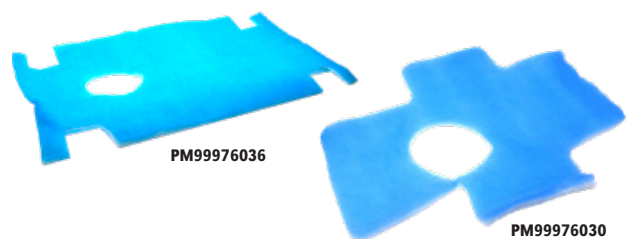
Container Type	Size (Gal.)	Item No.	Pkg. Qty.
Pail	5	DY60100050	5 Gal.



## Sink Filter Mat Insert



Sink filter mat for Torrent parts washers.



Type	Item No.	Pkg. Qty.
Sink Filter Mat Insert for Torrent 700	PM99976030	1
Sink Filter Mat Insert for Torrent 500	PM99976036	1