

# Large Aqueous Parts Washer

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The Large Aqueous Parts Washer automatically cleans parts by spraying them with a re-circulated hot water and non-hazardous, biodegradable cleaning solution. The operator loads parts on the work rack, latches the lid shut, and starts the cleaning cycle. Nozzles located above, below, and around the system's turntable spray the parts clean. The force of the spray, combined with the heat and chemical action of the cleaning solution removes contaminants within minutes.

The Parts Washer is a straightforward piece of equipment designed to meet the conditions found onboard a Navy ship. Proper use effectively eliminates the use of cleaning solvents in many applications.

Large Aqueous Parts Washers are being procured for U.S. Navy Auxiliary and Amphibious ships, and Carriers via the Pollution Prevention Afloat Program beginning in FY 99. Fleetwide implementation of the machines has begun and will continue through FY 05.

## **The Parts Washer is Easy to Operate**

- Operator pre-heats the tank cleaning solution
- Operator performs daily equipment check prior to operation.
- Operator puts dirty, oily, or greasy component into unit.
- Unit automatically cleans the component for approximately 15 minutes.

## **Personnel and Training Requirements**

- The Washer decreases manhours by reducing the time required to clean components by hand using PD-680 or other cleaning agents.
- Equipment is commonly located in the filter cleaning shop, main spaces, or where the crew has easy access to it.
- Parts Washer operators are required to wear PPE in accordance with MSDS requirements, as well as gloves, and face shield.

## **ILS Support**

- A Technical Manual to operate, maintain, troubleshoot, and repair the Washer is provided.  
NAVAIR TM 17-5-7
- Repair parts are readily available.
- Logistics support has been provided.
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  - 4940-01-435-1595

## **Equipment Characteristics**

Envelope:    Weight: Dry: 2000 lbs    Wet: 2750 lbs  
Footprint:    Height: 72 inches  
                  Width: 54 inches  
                  Depth: 62 inches/86 inches (operational)  
Critical Access: 18" access for Oil Skimmer

## **Ship's Services Required**

Electrical Power Supply: 440 volts; 12 amps;  
  3 phase; 60 Hz  
Water Supply: 125 psi

For additional information, please contact:  
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