



# PARTS WASHERS

## MODEL 800 SERIES



32" w/optional oil skimmer and blow-off shown

### TOP LOAD HIGH PRESSURE/LOW VOLUME PERFORMANCE

The Model 800 Top Load style washer, remains one of the more popular models in the ADF line. Because of its size, versatility and portability it is well suited for a variety of cleaning applications. This washer is used extensively in work cell type applications.

The basket is vinyl coated for protection of machine surfaces and precision parts can be adapted to hold all types of parts. If it is required that a part be positioned or fixtured for proper cleaning, the standard basket can be used or it can be removed and a custom built fixture or basket used in its place. The standard or custom baskets can be interchangeable because of the removable feature.

Construction of this washer is for heavy duty and continuous operations and utilizes 304 stainless steel for the spray chamber and reservoir tank.

There are a variety of options available for the washer including drying, rinsing, oil skimming and a variety of electronic controls. By choosing the proper option, you can tailor the washer for your requirements.

Biodegradable detergents and hot water are the cleaning solution used which provide a safe and environmentally friendly solution. ADF detergents include a rust inhibitor for steel parts and is safe on other materials such as brass, aluminum, stainless steel, copper, rubber, plastic or glass.

Filtration of the wash solution is standard with this model, including a primary 100 micron felt blanket filter and a secondary cartridge system. With ratings of 3, 5, 10, 25 and 50 micron, the customer can choose the proper cartridge for his requirements.

Simplicity is another feature of the Model 800. The operator places the parts in the basket, closes the lid and activates the push button start switch. For higher volume applications and better ergonomics, an air operated lid option is available. At the completion of the cleaning cycle, the operator can open the lid, remove the parts and start the process over again. If the unit is equipped with the optional air lid, the lid automatically opens at the end of the cleaning cycle.

Safety features are included for the washer and the operator. All ADF Washers are equipped with a safety switch so the machine pump is shut down if the machine is opened during operation. All controls are fused 115 volts with electrical panels located for operator convenience.

**SOLVENT  
FREE  
CLEANING**

**ADF SYSTEMS, LTD.**

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# MODEL 800 TOP LOAD HP/LV PARTS WASHER TECHNICAL DATA

PART NUMBER	DESCRIPTION	MACHINE AMPERAGE	GPM - PSI
23" diameter turntable, 11" working height, 7.5 KW heater, 13 gallon tank			
8034-023-011	Model 800, 5HP, 230V/60HZ/3PH	30	7.5 GPM, 700 PSI
8044-023-011	Model 800, 5HP, 460V/60HZ/3PH	15	7.5 GPM, 700 PSI
32" diameter turntable, 11" working height, 7.5 KW heater, 37 gallon tank			
8034-032-011	Model 800, 5HP, 230V/60HZ/3PH	30	7.5 GPM, 700 PSI
8044-032-011	Model 800, 5HP, 460V/60HZ/3PH	15	7.5 GPM, 700 PSI
8134-032-011	Model 800, 10HP, 230V/60HZ/3PH	45	18 GPM, 700 PSI
8144-032-011	Model 800, 10HP, 460V/60HZ/3PH	20	18 GPM, 700 PSI
42" diameter turntable, 11" working height, 7.5 KW heater, 56 gallon tank			
8034-042-011	Model 800, 5HP, 230V/60HZ/3PH	30	7.5 GPM, 700 PSI
8044-042-011	Model 800, 5HP, 460V/60HZ/3PH	15	7.5 GPM, 700 PSI
8134-042-011	Model 800, 10HP, 460V/60HZ/3PH	45	18 GPM, 700 PSI
8144-042-011	Model 800, 10HP, 460V/60HZ/3PH	20	18 GPM, 700 PSI

- NOTE:** 1. For machines with rinse to drain feature, add suffix "R" to part number.  
 2. Low water level switch for heater protection, standard.  
 3. Fused disconnect, optional.

PUMP	3 cylinder axial diaphragm type with brass head	CONTROLS	All 115V Fused
		MAX. TEMPERATURE	160 degrees F
TIMER	Electronic timer with push button start/stop	ELECTRICAL CONNECTION	Convenient terminal block in electrical box
		ENCLOSURE	NEMA 12
HEATER TEMP. CONTROL	Electric SS plug, Incaloy elements Thermostat control in immersion heater box	BASKET MATERIAL	23" & 32" - 1/2 x #16 Expanded metal 42" - 3/4 x #13 Expanded metal
		COATING	Vinyl dip coated over carbon steel
FILTER	Primary: Filter tray 100 micron felt filter. Secondary: High pressure type 5HP (1) cartridge; 10HP (2) cartridges.	TURNTABLE ROTATION	6 RPM, belt driven by gear motor
		LOAD CAPACITY	23" & 32" - 300 lbs. 42" - 500 lbs.
CONSTRUCTION: SPRAY CHAMBER & RESERVOIR TANK WELD IN FITTINGS PLUMBING - WASH WATER TURNTABLE	304 Stainless Steel  Carbon steel Brass, malleable or plated fittings Stainless steel nozzles 23" & 32" - 304 Stainless steel 42" - Carbon steel	QTY OF NOZZLES	23" - 9 32" 5HP - 9      32" 10HP - 11 42" 5HP - 10      42" 10HP - 12
		LID	Manual lift up lid Air operated lid optional
		WEIGHT (NET/SHIPPING)	23" 5HP 700#/850# 32" 5HP 815#/915# 32" 10HP 920#/1120# 42" 5HP 950#/1175# 42" 10HP 1075#/1300#
STRUCTURE	Carbon steel		
PORTABLE	All rinse machines stationary Others mounted on 4 heavy duty casters		
DIMENSIONS** (WxDxH)	23" 5HP - 47-3/4"x35x55 32" 5HP - 57x44x56 32" 10HP - 57x54x56 42" 5HP/10HP - 67.5x53.5x57.25		

NOTE: Consult your distributor or the factory for available options and accessories.

\*\* All dimensions are for base machine. Manufacturer reserves the right to make engineering changes, which may change dimensions. Additions of accessories and/or customer requested changes might also change dimensions. Consult your distributor or the factory for a footprint.

Prices and specifications subject to change without notice - all prices \$USD and F.O.B. Humboldt, Iowa, U.S.A. This equipment will be constructed in accordance with the above specifications, and in accordance with ADF equipment standards at the time of manufacture. No other conditions, specifications, or components will be included unless expressly agreed to in writing by ADF Systems, Ltd. There are no implied warranties or conditions. No verbal agreements will be accepted as part of any purchase order for equipment. Further documentation or services will be at additional cost to the buyer.