



# PARTS WASHERS

## FRONT LOAD HIGH PRESSURE/LOW VOLUME PERFORMANCE

### MODEL 860 SERIES



The Model 860 is another series available in the high pressure, low volume type washers offered by ADF. The front load model is usually used for taller parts as it provides standard height clearance of 36 and 48 inches. Other height clearances can be provided on a custom basis. Parts can be self supporting or fixtures can be used to support tall parts.

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 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 rust inhibitor for steel parts and is safe on other materials such as brass, aluminum, stainless steel, copper, rubber, plastic and 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, 50 micron, the customer can choose the proper cartridge for his requirements.

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

**SOLVENT  
FREE  
CLEANING**

**DISTRIBUTED BY:**

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# MODEL 860 FRONT LOAD HP/LV PARTS WASHER TECHNICAL DATA

PART NUMBER	DESCRIPTION	MACHINE AMPERAGE	GPM / PSI
	32" diameter turntable, 36" working height, 7.5 KW heater, 37 gallon tank		
8634-032-036	Model 860,10HP, 208/230V/60HZ/3PH	50	18 GPM, 750 PSI
8644-032-036	Model 860,10HP, 460V/60HZ/3PH	24	18 GPM, 750 PSI
	32" diameter turntable, 48" working height, 7.5 KW heater, 37 gallon tank		
8634-032-048	Model 860,10HP, 208/230V/60HZ/3PH	50	18 GPM, 700 PSI
8644-032-048	Model 860,10HP, 460V/60HZ/3PH	24	18 GPM, 700 PSI
	42" diameter turntable, 36" working height, 7.5 KW heater, 56 gallon tank		
8634-042-036	Model 860,10HP, 208/230V/60HZ/3PH	50	18 GPM, 750 PSI
8644-042-036	Model 860,10HP, 460V/60HZ/3PH	24	18 GPM, 750 PSI
	42" diameter turntable, 48" working height, 7.5 KW heater, 56 gallon tank		
8634-042-048	Model 860,10HP, 208/230V/60HZ/3PH	50	18 GPM, 700 PSI
8644-042-048	Model 860,10HP, 460V/60HZ/3PH	24	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 115 volt 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 COATING	1/2" x #10 Expanded metal Vinyl dip coated over carbon steel
		TURNABLE ROTATION	6 RPM, belt driven by gear motor
FILTER	Primary: Filter tray - 100 micron felt filter Secondary: High pressure type (2) cartridges.	LOAD CAPACITY	500 lbs.
		QTY OF NOZZLES	32" = 18 42" = 18
CONSTRUCTION: SPRAY CHAMBER & RESERVOIR TANK WELD IN FITTINGS PLUMBING - WASH WATER TURNTABLE	304 stainless steel  Carbon steel Brass, malleable or plated Stainless steel nozzles 32" - 304 Stainless steel 42" - Carbon steel	DOOR	Manual open door
		WEIGHT (NET/SHIPPING)	32" 36" PH 960#/1040# 32" 48" PH 1015#/1095# 42" 36" PH 1105#/1185# 42" 48" PH 1160#/1240#
STRUCTURE	Carbon steel		
DIMENSIONS** (LxW)	32" 36" Part Height - 56"x54.5"x86" 32" 48" Part Height - 56"x54.5"x98" 42" 36" Part Height - 64"x64"x86" 42" 48" Part Height - 64"x64"x98"		

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.