



# HP

Professional

60 pound

Extractor  
Washer  
Extractor





# HP Series - *HARDMOUNT*

The HP series - Hardmount High-Speed Washer-Extractors for demanding Small to Medium Size On-Premises Laundry Applications including Health Care, Hospitality, Drycleaners/Wet Cleaning Professional Performance, Flexibility and Energy efficiency - A Competitive and Affordable Investment Alternative

The HP Series is designed to be an alternative to the commonly used high-speed Hardmount machines in the market. This series of machines has the cabinet and all parts in connection with the wash solution made of 304 stainless steel. The robust design ensure low cost of ownership and infrequent maintenance. Experienced engineering is used to make a simple but surprising affordable and reliable machine backed by an outstanding warranty. It has advanced feature that make the machine suitable for wet-cleaning, hook up to water reuse systems and operations with ozone system. Our combined engineering expertise in the industry assures that you will receive the best for less and products that will meet today's and tomorrow's need in the laundry industry.

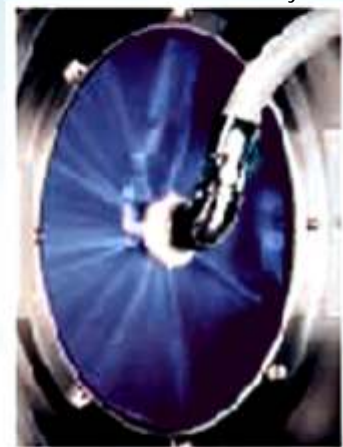
## Powerful Advanced Computer Control Center



The advanced EL 6 electronic control center is easy to use and has the features needed for maximum productivity and lowest cost of operation. The microprocessor controls the temperatures, water levels, speeds and maintenance intervals. A thermal cool down is programmable that will ensure optimal performance for any garments that require special wrinkle control and other special treatments. It can be programmed both individual and with a PC. It can also be used with a memory card that significantly simplifies the programming at installation. The EL 6 can be programmed to display in five languages and keep track of operation times, number of cycles and maintenance. It has features for programming any wash activity to meet today and tomorrow's demand for water treatment of textile fiber and garments. It is the most flexible control yet developed for the stand-alone commercial and industrial washers in the industry and has proven track record for reliability.

## Optional Spray Rinse Capability

The HP models can be outfitted with an effective through the door spray rinse system that reduces the rinse time and saves water. During a rinse step, water is sprayed through the linen during a slow extraction. This allows the water to drain immediately rather than using traditional bath rinse that might consume more water and take longer. the system has a high flow rate that makes the spray rinse more effective. Large non-restricted water valves are used for cold and hot water, filling the machine quickly and accurately to the water level programmed in the microprocessor.



## Large Door Opening and Safe Door Interlock

Loading and unloading are fast and easy through the oversized door. That opens 180 degrees away from laundry carts. The door is located at a convenient height for laundry carts. The door is constructed of stainless steel and built with an oversize stainless steel hinge for extra strength and durability. The door gasket made of the best material is long lasting and seal to the shell every time without leaking. A intelligent strong and safe eletro-mechanical locking device is designed with the concept of safe and easy operation.

# High Speed Professional Washer - Extractors

## Solid Bearing Housing



Rugged cast iron construction is our single durable bearing housing. A single bearing housing increases the structural integrity and provides for longer bearing and seal life. The SKF CARB torroidial bearing used in the machine is the ultimate long life solution for high-speed washers that the industry has been searching for. The shaft is made of high tensile strength steel that meets the high standards the company use for load calculation of bearings and seals. Two double lip seals and face seals protect the bearings. The seals as well as the bearings can be greased manually yielding longer life. The machines have provision for easy installation of automatic lubricators. Should the seals leak, the main bearings will not be damaged, thanks to an extra large leak off area in the bearing housing. A large leak off area is the answer to long bearing life, as water cannot enter the bearings.

## Robust Energy Efficient Drive



The machine is provided with a single totally enclosed standard motor that is controlled electronically by a variable frequency drive. This makes the machine control simple and very flexible. The inverter reduces the peak energy demand, saves energy and lowers the inrush current. It also acts as a watchdog for the motor, protecting against overload and over voltage. The single motor drive and inverter eliminates clutches, gear reducers, idlers and reduces the use of electromechanical components such as contactors and relays. It provides a powerful yet simple drive alternative that is more economical than 2-speeds motors. The inverter makes it possible to achieve higher extract speeds that achieve significant energy and time saving in the drying process.



## High Speeds save Energy, Time and Money

A factor that can significantly affect the operation throughput in a laundry is the machine's extraction speed. A machine with a G-force of 300G will save a significant amount of energy and time in the drying process compared to a low speed 80G machine, as more water is extracted from the load during the extraction cycle. In fact the energy and time saving can pay for the cost of the equipment! Your dryers would not work overtime, either. Goods can be taken straight from the washer-extractor to an ironer or finisher without slowing down the productivity. The high speed or G-force is the driving factor. By utilizing the inverter technology it has been possible to achieve this high-speed extraction in a solid mounted machine. The inverter is measuring the out of balance electronically and decides if the machine can proceed to the high speed generating the high G-force.



## Solidmount Construction



Amazing strength and fewer parts give the HP series extra long life, without needless breakdowns. The frame is engineered, computer analyzed and tested for a lifetime of rigorous operation. It has a protective powder coating to reduce possible corrosion, ensuring a long and trouble-free life.

# Specifications

MODEL	Units		HP-60		
	Metric	US			
<b>CAPACITY:</b>					
Loading factor	1:10	kg	lbs	27.4	60
	1:12	kg	lbs	22.8	50.2
	1:13	kg	lbs	21.1	46.4
<b>OVERALL DIMENSIONS:</b>					
Width		mm	in	880	34.6
Height		mm	in	1650	65
Depth		mm	in	1190	47
<b>WEIGHT AND SHIPPING INFORMATION:</b>					
Net Weight		kg	lbs	660	1450
Domestic shipping weight		kg	lbs	720	1584
<b>CYLINDER INFORMATION:</b>					
Diameter		mm	in	790	31.1
Depth		mm	in	560	22
Volume		liters	cu ft	274	9.7
Perforation size		mm	in	4.8	0.188
<b>CYLINDER SPEEDS (Programmable):</b>					
Wash		rpm	g	43	0.8
Distribution		rpm	g	67	2
Intermediate extraction		rpm	g	583	150
High extract 1		rpm	g	673	200
High extract 2		rpm	g	753	250
High extract 3		rpm	g	890	300
<b>DOOR OPENING AND HEIGHT:</b>					
Diameter		mm	in	450	17.7
Height of door bottom above floor		mm	in	569	22.4
<b>DRIVE INFORMATION:</b>					
Number of motors		Number		1	
Size of motor		kW	Hp	3.7	5
<b>WATER INLETS and CONSUMPTION:</b>					
Hot water size		DN	in	20	3/4
Cold water size		DN	in	20	3/4
Additional water Inlet		DN	in	20	3/4
Average HOT water consumption/ cycle		liters	gal	223	59
Average COLD water consumption/cycle		liters	gal	106	28
<b>DRAIN OUTLETS AND CAPACITY:</b>					
Number of drains standard		Number		1	
Number of drains optional (water re-use)		Number		1	
Drain size		mm	in	76.2	3
Drain capacity		liter/min	gpm	246	65
<b>STEAM INLET and CONSUMPTION:</b>					
Steam inlet size		DN	in	13	1/2
Required steam to heat bath 10F (5.55C)LOW		kg	lbs	8.4	3.8
Required steam to heat bath 10F (5.55C)HIGH		kg	lbs	9.2	4.2
Average Steam consumption per cycle		kg	BHP	35	2.2
<b>ELECTRICAL REQUIREMENTS</b>					
200-240V, 50/60Hz		Max Amps	Breaker	14	15
380-480V, 50/60Hz		Max Amps	Breaker	7	15

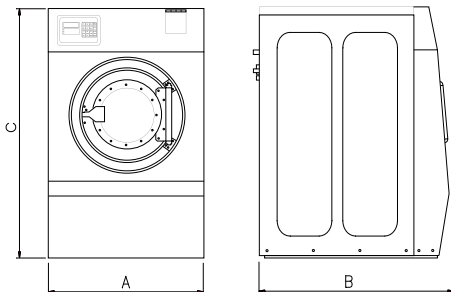
Due to our policy of ongoing improvements, all specifications are subject to change without notice.

## Standard Features :

- All wetted parts are 304 (18/8) Stainless steel
- 1 compartment supply dispenser
- 6 external liquid supply connections
- Advanced microprocessor
- 300G extract force
- 5 degree lean back for strength and easy loading
- Built in vacuum breaker
- Variable frequency drive
- Stainless steel cabinet
- Fits through 36-inch door
- Single motor drive
- Cool down
- Water reuse capable

## Optional Features :

- Direct steam heating
- Electrical heating
- 5 compartment dispenser
- Water reuse drain and inlet
- EMI filter for CE
- PC programming kit



Conforms to all applicable US and Canadian safety standards.

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