



# HE Series

## ON PREMISE WASHER-EXTRACTORS

20 lbs, 30 lbs, 60 lbs & 80 lbs (Economy Fixed Mount)

### Solid Bearing Housing

Rugged cast iron construction is used in our durable bearing housing. The shaft is constructed of high strength steel. The seals are greaseable yielding longer life. Should the seals leak, the main bearings will not be damaged, thanks to an extra large leak off area.



### Fixed Mount Construction

The robust design you've come to expect in a very affordable package. Computer designed frame ensures longevity. Integrated lifting bars make it easy to install. This powerful frame is engineered for a lifetime of rigorous use. Amazing strength and fewer parts give HE series extra long life, without needless breakdowns.



The HE series - Outstanding reliability and efficiency at a price you can afford.

Powerful, efficient, and affordable. These are the design keys for the HE series rigid mounted Washer-Extractors from Powerline Equipment. Our energy savings features and our robust design ensure low cost of ownership and infrequent maintenance. Our outstanding warranty covers most parts for 2 years plus the frame, shaft, cylinder and shell for 5 years.



### Simple Microprocessor Control

The reliable B-Computer provides the capacity to store and execute 30 wash programs, and is simple to operate and program. Four chemical signals are provided for control of external liquid supplies. It controls water inlets, drain, wash speeds, temperature, water levels and all the functions to reach an optimum wash result at the lowest possible cost.

# Washer-Extractors/ Hardmount Economy

## FEATURES AND SPECIFICATIONS

MODEL			HE-20	HE-30	HE-40	HE-60	HE-80			
<b>Capacity</b>	Metric	US								
Loading factor	1:10	kg lbs	9.7 21	12.8 28.2	19.2 42.2	27.4 60	38.5 84.7			
	1:12	kg lbs	8.0 17.6	10.7 23.5	16 35.2	22.8 50.2	32.1 70.6			
	1:13	kg lbs	7.3 16.2	9.8 21.5	14.8 32.6	21.1 46.4	29.6 65.1			
<b>Overall Dimensions</b>										
Width	mm in		745 28.9	745 28.5	785 30.9	880 34.6	1150 45.3			
Depth	mm in		835 46.5	855 38	1120 44.1	1194 47	1255 49.4			
Height	mm in		1195 30.9	1276 45	1215 51.8	1555 61.2	1720 67.7			
<b>Weight and Shipping Information</b>										
Net weight	kg lbs		240 529	235 517	480 1055	660 1450	785 1728			
Domestic shipping weight	kg lbs		254 560	246 543	492 1083	720 1584	803 1767			
<b>Cylinder Information</b>										
Diameter	mm in		612 24.1	612 24.1	683 26.9	790 31.1	924 36.4			
Depth	mm in		325 12.8	435 17.13	525 20.7	560 22	574 22.6			
Volume	liters cu ft		96 3.4	128 4.52	192 6.8	274 9.7	385 13.6			
Perforation size	mm in		4.8 0.188	4.8 0.188	4.8 0.188	4.8 0.188	4.8 0.188			
Perforation open area	%		15	15	17	19	23	24		
<b>Cylinder Speeds</b>										
Wash	rpm g		48.5 0.8	48.5 0.8	46 0.8	43 0.8	39.5 0.8			
Distribution	rpm g		76.5 2	77 2	73 2	67 2	62 2			
Extract	rpm g		484 80	664 150	628 150	583 150	542 150			
<b>Door Opening and Height</b>										
Diameter	mm in		365 14.4	400 15.7	400 15.7	450 17.7	520 20.5			
Height of door bottom above floor	mm in		450 18	355 14	475 18.7	589 22.4	616 24.25			
<b>Drive Information</b>										
Number of motors	Number	Number	1	1	1	1	1	1		
Size of motor	kW	Hp	0.75	1	1.5	2	3	5	5.5	7.5
<b>Water Inlets</b>										
Hot water size	DN in		20 3/4	20 3/4	20 3/4	20 3/4	20 3/4			
Cold water size	DN in		20 3/4	20 3/4	20 3/4	20 3/4	20 3/4			
Additional water Inlet	DN in		20 3/4	20 3/4	20 3/4	20 3/4	20 3/4			
Average HOT water consumption/cycle	liters gal		91 24	91 24	193 51	223 59	371 98			
Average COLD water consumption/cycle	liters gal		174 46	174 46	102 27	106 28	174 46			
<b>Drain Outlets and Capacity</b>										
Number of drains	Number	Number	1	1	1	1	1	1		
Drain size	mm in		51 2	51 2	76.2 3	76.2 3	76.2 3			
Drain capacity	liter/min	gpm	113 30	113 30	159 42	246 65	473 125			
<b>Steam Inlet and Consumption</b>										
Steam inlet size	DN in		13 1/2	13 1/2	13 1/2	13 1/2	20 3/4			
Required steam to heat bath 10F (5.55C) LOW	kg lbs		0.5 1	0.5 1	5.3 11.7	8.4 18.5	14 31			
Required steam to heat bath 10F (5.55C) HIGH	kg lbs		0.6 1.5	0.6 1.5	6.6 14.5	9.2 20.3	16 35			
Average Steam consumption per cycle	kW BHP		7 0.7	7 0.7	15 4	22 5.5	35 8.5			
<b>Electrical Service</b>										
208-240VAC, 50/60Hz, 1PH	Amps Breaker		6.2 15	6.2 15	8.1 15	8.8 15	22 25			
208-240VAC, 50/60Hz, 3PH	Amps Breaker		3.6 15	3.6 15	4.7 15	5.1 15	12.7 15			
380-480VAC, 50/60Hz, 3PH	Amps Breaker		1.8 15	1.8 15	2.3 15	2.5 15	6.3 15			

\* Specifications are subject to change without notice.