



# HE Series

## ON PREMISE WASHER-EXTRACTORS

20 lbs, 30 lbs, 40 lbs & 60 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 8-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>											
1:10	kg	9.7	20	22.8	28.2	42.2	27.4	40	38.1	54.7	
1:12	kg	8.3	17.4	19.7	25.5	38	26.2	22.8	30.2	33.6	
1:13	kg	7.3	16.2	5.9	23.5	34.8	32.4	31.1	46.4	26.4	85.1
<b>Overall Dimensions</b>											
Width	mm	746	28.9	346	28.5	395	30.9	690	34.8	1190	45.3
Depth	mm	838	45.3	989	38	1130	44.2	1294	47	1235	49.4
Height	mm	1184	32.8	1276	45	1355	55.8	1555	52.2	1720	67.2
<b>Weight and Shipping Information</b>											
Net weight	kg	240	529	226	517	460	1055	980	1450	785	1728
Domestic shipping weight	kg	294	580	246	540	492	1083	720	1594	693	1767
<b>Cylinder Information</b>											
Diameter	mm	612	24.1	612	24.1	683	26.9	790	31.3	824	32.4
Depth	mm	325	12.8	435	17.13	525	20.7	580	22	574	22.8
Volume	liters cu ft	96	3.4	126	4.52	132	4.8	274	9.7	305	10.8
Perforation size	mm	4.8	0.188	4.8	0.188	4.8	0.188	4.8	0.188	4.8	0.188
Perforator open area	%	18	18	17	17	19	19	21	21	24	24
<b>Cylinder Speeds</b>											
Wash	rpm	45.5	5.8	45.5	5.8	46	5.8	43	5.8	30.3	5.8
Distribution	rpm	67.5	2	77	2	73	2	67	2	82	2
Extract	rpm	484	80	884	100	628	100	583	100	542	100
<b>Door Opening and Height</b>											
Diameter	mm	305	14.4	400	15.7	450	17.7	450	17.7	500	20.1
Height of door bottom above floor	mm	492	19	395	14	475	18.7	588	23.4	600	24.25
<b>Drum Information</b>											
Number of motors	Number	1	1	1	1	1	1	1	1	1	1
Size of motor	hp	0.75	1	1.5	1	2.2	3	3.7	5	5.5	7.5
<b>Water Intake</b>											
Hot water size	DN	20	3/4	20	3/4	20	3/4	20	3/4	20	3/4
Cold water size	DN	20	3/4	20	3/4	20	3/4	20	3/4	20	3/4
Additional water inlet	DN	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	103	27	223	59	275	96
Average COLD water consumption/cycle	liters gal	174	46	174	46	132	37	136	36	174	46
<b>Drain Details and Capacity</b>											
Number of drains	Number	1	1	1	1	1	1	1	1	1	1
Drain size	mm	51	2	51	2	76.2	3	76.2	3	76.2	3
Drain capacity	liters/gal	113	30	113	30	139	42	246	65	475	125
<b>Steam Inlet and Consumption</b>											
Steam inlet size	DN	10	3/2	10	3/2	10	3/2	10	3/2	10	3/4
Required steam to heat bath 10F (5.55C) LHM	kg	0.5	1	0.5	1	5.3	2.4	8.4	3.8	14	6.4
Required steam to heat bath 10F (5.55C) HGM	kg	0.6	1.5	0.6	1.5	6.8	3	9.2	4.2	18	7.3
Average Steam consumption per cycle	kg	8.7	7	8.7	7	1.5	1.8	2.2	2.2	35	14
<b>Electrical Service</b>											
208-240VAC, 50/60Hz, 1PH	amps	Breaker	6.2	6.2	6.2	8.1	10	8.8	10	12	25
208-240VAC, 50/60Hz, 3PH	amps	Breaker	3.8	3.8	3.8	4.7	15	11	15	17.7	15
380-480VAC, 50/60Hz, 3PH	amps	Breaker	1.8	1.8	1.8	2.3	15	2.3	15	9.3	15

\* Specifications are subject to change without notice.