



HE

Economy
30 pound
40 pound
60 pound
80 pound

Extractor
Washer
Extractor





HE Series - *HARDMOUNT*

The HE series - Hardmount Medium Speed Economy Washer-Extractors for General Laundry Applications

Outstanding Reliability and Efficiency at a Price you can afford

Powerful, efficient, and affordable. These are the design keys for the economy series of Hardmount washer-extractors. Our simple innovation features and robust design ensure low cost of ownership and infrequent maintenance. Simple design and fewer parts are the guarantee. 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. We know you don't have time to deal with breakdowns.



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 important functions to reach an optimum wash result at the lowest possible cost.

Supply Dispenser

A 4 compartment dispenser is standard. It is mounted in the front of the machine at a convenient height for easy reach and flushes automatically. The location of the dispenser allows machines to be placed next to each other. The dispenser is flushed automatically. As standard the HE model machines are provided with four supply signals and four connections for liquid supply.



Large Door Opening and Safe Door Interlock

Loading and unloading are fast and easy through the oversized door that opens 180 degrees. The door is located at a convenient height and is constructed of stainless steel and built with an oversize stainless steel hinge for extra strength and durability. The silicon door gasket is designed for long life and seals to the shell every time without leaking. A powerful and safe electro-mechanical door interlocking system is provided for safe and easy operation.

Medium Speed Economy Washer - Extractors



Solid bearing housing with high quality bearings and seals

Rugged cast iron construction is used in our durable bearing housing. The shaft is constructed of high strength steel. Oversized permanently lubricated bearing are service free and designed for extended life. Double lip seal and a face seals protect the bearings. A large leak off area is provided, which yields long bearing life.

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, saving energy and lowers the inrush current. It is also a watchdog for the motor, protecting against overload and over voltage. The single motor drive and inverter eliminate clutches, gear reducers, idlers, plus reduces the use of electromechanical components such as contactors and relays. It provides a powerful yet simple drive alternative that is more economical than multi motors drives. The inverter makes it possible to achieve high extract speeds that achieve significant energy and time savings in the drying process.



Solid Mount Construction

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



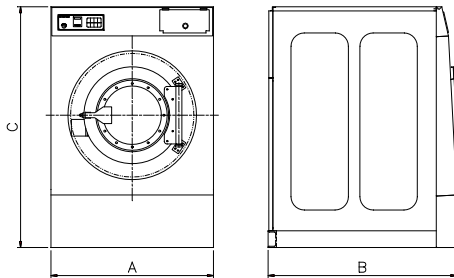
Specifications

MODEL	Units		HE-30	HE-40	HE-60	HE-80					
	Metric	US									
CAPACITY:											
Loading factor	1:10	kg	lbs	12.8	28.2	19.2	42.2	27.4	60	38.5	84.7
	1:12	kg	lbs	10.7	23.5	16	35.2	22.8	50.2	32.1	70.6
	1:13	kg	lbs	9.8	21.5	14.8	32.6	21.1	46.4	29.6	65.1
OVERALL DIMENSIONS:											
A - Width		mm	in	737	29	787	31	883	34.75	1048	41.25
B - Depth		mm	in	978	38.5	1130	44.5	1156	45.5	1245	49
C - Height		mm	in	1283	50.5	1321	52	1537	60.5	1727	68
WEIGHT AND SHIPPING INFORMATION:											
Net Weight		kg	lbs	308	678	489	1075	573	1260	821	1806
Domestic shipping weight		kg	lbs	320	705	500	1099	595	1310	833	1833
CYLINDER INFORMATION:											
Diameter		mm	in	612	24.1	683	26.9	790	31.1	924	36.4
Depth		mm	in	435	17.13	525	20.7	560	22	574	22.6
Volume		liters	cu ft	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
Perforation open area		%		17		19		23		24	
CYLINDER SPEEDS:											
Wash		rpm	g	48.5	0.8	46	0.8	43	0.8	39.5	0.8
Distribution		rpm	g	77	2	73	2	67	2	62	2
Extract		rpm	g	765	200	726	200	673	200	626	200
DOOR OPENING AND HEIGHT:											
Diameter		mm	in	400	15.7	400	15.7	450	17.7	520	20.5
Height of door bottom above floor		mm	in	355	14	475	18.7	569	22.4	616	24.25
DRIVE INFORMATION:											
Number of motors		Number		1		1		1		1	
Size of motor		kW	Hp	1.5	2	2.2	3	3.7	5	5.5	7.5
WATER INLETS											
Hot water size		DN	in	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
Additional water Inlet		DN	in	20	3/4	20	3/4	20	3/4	20	3/4
Average HOT water consumption/ cycle		liters	gal	91	24	193	51	223	59	371	98
Average COLD water consumption/cycle		liters	gal	174	46	102	27	106	28	174	46
DRAIN OUTLETS AND CAPACITY:											
Number of drains		Number		1		1		1		1	
Drain size		mm	in	51	2	76.2	3	76.2	3	76.2	3
Drain capacity		liter/min	gpm	113	30	159	42	246	65	473	125
STEAM INLET and CONSUMPTION:											
Steam inlet size		DN	in	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	5.3	2.4	8.4	3.8	14	6.4
Required steam to heat bath 10F (5.55C)HIGH		kg	lbs	0.6	1.5	6.6	3	9.2	4.2	16	7.3
Average Steam consumption per cycle		kW	BHP	7	0.7	15	1.5	22	2.2	35	3.6
ELECTRICAL SERVICE:											
208-240VAC, 50/60Hz, 1PH		Amps	Breaker	6.2	15	8.1	15	8.8	15	22	25
208-240VAC, 50/60Hz, 3PH		Amps	Breaker	3.6	15	4.7	15	5.1	15	12.7	15
380-480VAC, 50/60Hz, 3PH		Amps	Breaker	1.8	15	2.3	15	2.5	15	6.3	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
- 4 or 5 compartment supply dispenser
- 30-cycle microprocessor
- 200G max extraction force
- 5 degrees lean back for strength and easier loading
- Built in vacuum breaker
- Variable speed inverter
- Stainless steel cabinet
- Very economical



Conforms to all applicable US and Canadian safety standards.

B&C Technologies
Panama City, FL
Phone: 850-249-2222
FAX: 850-249-2226
www.bandctech.com
sales@bandctech.com