

HE SERIES

30 Pound
40 Pound
60 Pound
80 Pound



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



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.

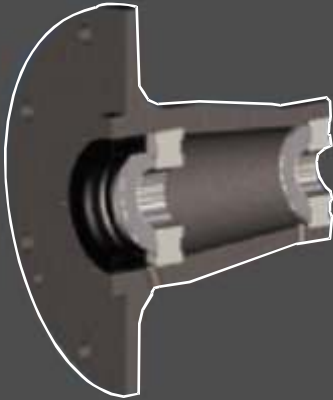


Supply Dispenser

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. As standard the HE model machines are provided with four supply signals and four connections for external liquid supply.



Medium Speed Economy Washer - Extractors



Solid Bearing Housing with High Quality Bearings and Seals

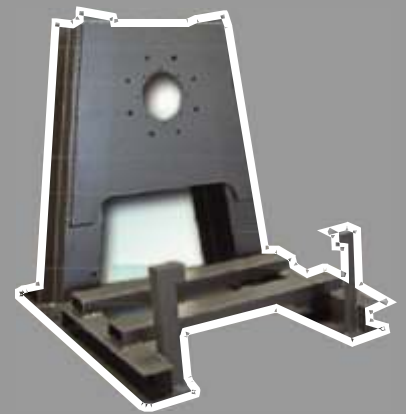
Rugged cast iron construction is used in our durable bearing housing. The shaft is constructed of high strength steel. Oversized permanently lubricated ball bearings are service free and designed for extended life. Double lip seals and a face seal protect the bearings. A large leak off area is provided, 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 motor drives. The inverter makes it possible to achieve high extract speeds that achieve significant energy and time saving 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	724	28.5	785	30.9	880	34.6	1150	45.3
B - Depth			mm	in	965	38	1120	44.1	1194	47	1255	49.4
C - Height			mm	in	1143	45	1315	51.8	1555	61.2	1720	67.7
WEIGHT AND SHIPPING INFORMATION:												
Net Weight			kg	lbs	235	517	480	1055	660	1450	785	1728
Domestic shipping weight			kg	lbs	246	543	492	1083	720	1584	803	1767
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	664	200	628	200	583	200	542	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.
Additional options : Consult factory or distributor.

Standard Features :

- All wetted parts are 304 (18/8) stainless steel
- 4 compartment supply dispenser
- 30-cycle microprocessor
- 200 G extraction force
- 5 degree lean back for strength and easier loading
- Built in vacuum breaker
- Variable speed frequency inverter

