

SB SERIES

60 Pound
80 Pound
155 Pound
225 Pound
300 Pound
485 Pound



Washer-Extractor

SB

Series *SOFTMOUNT BARRIER WASHER*

The SB Series - Softmount Barrier Washers for small, medium and large on-premise laundry applications where hygiene is a major concern including health care or clean room application.

Outstanding reliability and efficiency at a price you can afford

The SB Series is an excellent solution for clean room applications. It is purposely designed and built to ensure that the garments cleaned are processed at the highest level of quality possible. The robust design will last for years and the performance has proven to be reliable. The SB models are designed and manufactured with quality in mind using fewer parts while still maintaining greater flexibility and strength. Fewer parts mean less to break and service, yielding a lower maintenance cost over the life of the machine. The freestanding design allows for the installation of the machine on upper floors and other unconventional locations.

Powerful Flexible Control



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 individually 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 a proven track record for reliability.

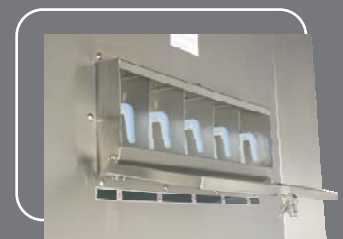
Door Opening System



Loading and unloading are fast and easy. The door is constructed of stainless steel for extra strength and durability. The door opening system has been engineered to make the operation safe, easy, and reliable.

Supply Dispenser

A five compartment dispenser is standard for machines using liquid or powder chemicals. The dispenser is mounted on the side of the machine at a convenient height for easy reach. The dispenser is flushed automatically during the wash cycle. All machines are provided with eight supply signals and liquid connections as standard.



High Speed Hygienic Barrier Washers



Solid Bearing Housings

The machine is provided with a powerful and heavy duty bearing arrangement. The bearings are located beyond the wash solution and will not be damaged in the event of seal failure.

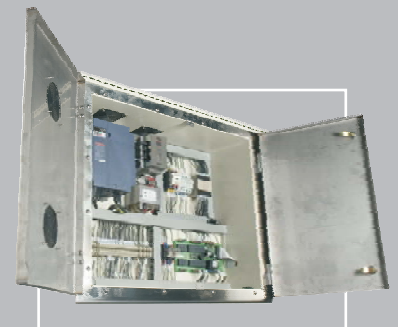
Freestanding Construction and Suspension System

The suspension system has been designed and engineered for stability and performance. The spring suspension system is standard on the SB-60 and SB-80, while the air cushion system is standard on the SB-155 through the SB-485. The suspension system means no need for expensive foundation work or floor modifications.



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. The inverter makes it possible to achieve high extract speeds that achieve significant energy and time saving in the drying process.



Specifications

Model	US	Metric	SB-60		SB-80		SB-155		SB-225		SB-300		SB-485	
Max. Loading 1:10	Lbs	Kg	60	27	80	36	155	70	225	102	300	136	485	220
Overall Dimension														
Width	Inch	mm	51.26	1302	58.74	1492	63.58	1615	77.68	1973	91.54	2325	101.77	2585
Depth	Inch	mm	31.10	1279	50.35	1279	62.83	1596	62.83	1596	69.49	1765	84.84	2155
Height	Inch	mm	66.18	1681	66.18	1681	83.62	2124	83.62	2124	83.46	2120	103.35	2625
Wash Cylinder Information														
Basket Diameter	Inch	mm	31	790	31.1	790	42.09	1069	42.09	1069	47.24	1200	55.12	1400
Basket Depth	Inch	mm	22	560	29.5	750	31.10	790	45.28	1150	47.44	1205	56.30	1430
Basket Volume	Cu.ft	Cu.m	9.5	0.27	13.1	0.37	25.04	0.709	36.45	1.032	48.03	1.36	77.69	2.2
Drum Compartments			1		1		3		3		3		3+3	
Fill Levels (empty cylinder)														
Low (15%)	Gal	Liters	11.4	43.2	14.1	53.4	23.3	88.2	32.2	121.9	41.1	155.6	64	242.3
Medium (25%)	Gal	Liters	18.7	70.8	24.2	91.6	42.7	161.6	60.3	228.3	78.2	296	124.1	469.8
High (35%)	Gal	Liters	27.1	102.6	35.7	135.1	64.7	244.9	92.4	349.8	120.4	455.8	192.4	728.3
Door Open														
Door Open Size Width	Inch	mm	11.81	300	11.81	300	15.75	400	15.75	400	17.72	450	17.72	450
Door Open Size Length	Inch	mm	16.73	425	20.28	515	23.62	600	27.76	705	29.92	760	45.67	1160
Motor														
Size	HP	kW	5	3.7	7.5	5.6	15	11.25	20	15	30	22	50	37.5
Cylinder Speed (Programmable)														
Washer Speed	rpm	G-force	42.5	0.8	42.5	0.8	36	0.8	36	0.8	34.5	0.8	32	0.8
Balance Speed	rpm	G-force	62	1.7	62	1.7	53	1.7	53	1.7	50	1.7	46.5	1.7
Medium extract Speed	rpm	G-force	825	300	825	300	700	300	700	300	669	300	620	300
High extract Speed	rpm	G-force	890	350	890	350	765	350	765	350	720	350	650	330
Drain System														
OverFlow Size	Inch	mm	1.5	38.1	1.5	38.1	1.5	38.1	1.5	38.1	1.5	38.1	1.5	38.1
Drain Outlet Size	Inch	mm	3	76.2	3	76.2	4	102	4	102	4	102	4	102
Number of drain outlet	Standard	Option	1	2	1	2	1	2	1	2	1	2	1	2
Water Inlet														
Connection size	NPT		3/4"		1"		1"		1-1/4"		1-1/2"		1-1/2"	
Number Of inlets	Standard	Option	2	3	2	3	2	3	2	3	2	3	2	3
Heating														
Power	kW		36		36		48		-		-		-	
Steam Inlet														
Connection size	NPT		1/2"		1/2"		3/4"		1"		1"		1"	
Chemical Supply System														
Number of chemical comp.	Standard		3		3		5		5		5		5	
Liquid supply connection size	NPT		1/2"		1/2"		1/2"		1/2"		1/2"		1/2"	
Air Compressed														
Connection size	NPT		--		--		1/8"		1/2"		1/2"		1/2"	
Pressure Max.	psi	kg/cm2	--	--	--	--	125	8.6	125	8.6	125	8.6	125	8.6
Weights														
Weight	kg	lbs	1250	2750	1560	3432	2476	5447.2	2794	6146.8	3630	7986	4540	9988
Shipping Weight	kg	lbs	1270	2794	1580	3476	2500	5500	2820	6204	3658	8048	4568	10050

Standard Features

- All wetted parts are 304 (18/8) stainless steel
- 5 Compartment supply dispenser
- Advanced microprocessor
- 300G+ extract force
- Built in vacuum breaker
- Variable frequency drive
- Stainless steel cabinet

