

Barrier washer extractors

WS4/WSB4250H, WS4/WSB4350H,
WS4/WSB4500H, WS4/WSB4650H

Features and benefits

- Suitable for hygienic or clean room installations
- Suspended construction – no special foundation required
- Clarus Control microprocessor with nine fixed wash programs and up to 192 programs, free programming
- 5 compartment soap box for manual supply or connection to automatic liquid system
- Frequency controlled motor for variable drum speeds
- Interference filters and armoured cables for optimum safety and reliability
- Electric, gas, steam or thermal fluid heating

Main options

- Integrated load cells showing the weight in the display
- Stainless steel panels
- Clean room application
- Indirect steam heating

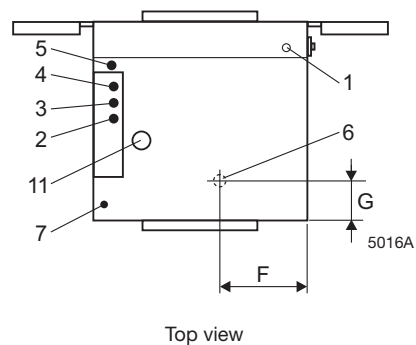
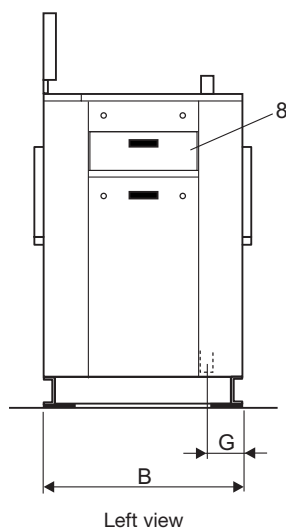
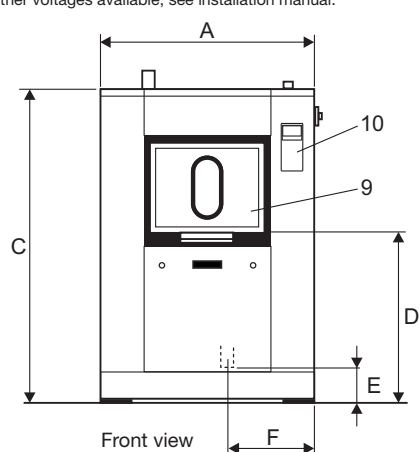


Main specifications			250			350			500			650		
Max. capacity		kg/lb	25/55			35/77			50/110			65/143		
Drum	volume	litre	250			350			500			650		
Drum	diameter	ø mm	770			770			770			770		
Extraction		rpm	910			910			910			910		
G-factor			350			350			350			350		
Heating alternatives	electricity	kW	18			27			36			54		
	steam		x			x			x			x		
	gas	Btu/h	83600			83600			136500			136500		
Consumption data "Normal 60°C" with pre-wash*			El	Steam	Gas	El	Steam	Gas	El	Steam	Gas	El	Steam	Gas
Water consumption (cold)	litre		340	340	360	470	470	495	610	610	638	977	977	1005
Energy consumption (motor/heating)*	kWh		6	0.6	0.8	9.2	1	1.2	13.4	1.2	1.4	23	2	2.16
Steam consumption	kg		-	12	-	-	18	-	-	24.5	-	-	36	-
* Water temperature 15°C cold water.														

Certified in accordance with ISO 9001 and ISO 14001 and approved IP 24D.

Electrical connections*			250	350	500	650
Heating Voltage						
El.	400-415V 3 AC 50 Hz	kW(A)	21.7 (40)	32 (40)	42 (80)	61.5 (100)
Steam	400-415V 3 AC 50 Hz or gas	kW(A)	3.7 (10)	4.8 (10)	5.8 (16)	7.8 (16)
Water, steam, gas and air connections						
Water valves	DN		20	20	20	20
Water pressure	kPa		50-300	50-300	50-300	50-300
Capacity at 250 kPa	l/min		70	70	70	70
Drain valve	ø mm		75	75	75	75
Draining capacity	l/min		133	133	133	133
Steam valve	DN		20	20	20	20
Steam pressure	kPa		300-600	300-600	300-600	300-600
Gas valve	DN		20	20	20	20
Gas evacuation	ø mm		125	125	125	125
Floor requirements						
Frequency of the dynamic force	Hz		0.767	0.767	0.767	0.767
Max transmitted floor load	daN		935	1164	1547	2055
Sound levels						
Airborne sound level	dB(A)		73	73	73	73
Heat emission						
% of installed power, max			5	5	5	5
Shipping data						
	net, kg		670	760	840	940
	crated, kg		820	895	1090	1255
Shipping volume	m ³		2.71	3.2	3.88	4.81
Dimensions in mm						
A Width			1045	1285	1565	2000
B Depth			980	980	980	980
C Height			1610	1610	1610	1610
D			870	870	870	870
E			190	190	190	190
F			440	560	700	915
G			200	200	200	200
1 Electrical connection 2 Cold water 3 Hot water 4 Cold soft water 5 Steam connection 6 Drain 7 Liquid supply connection 8 Soap box 9 Loading door 10 Control panel 11 Vent connection						

* Other voltages available, see installation manual.



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