

# 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



Images shown are a representation of the product only and variations may occur.

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		136500			136500			136500			136500		
<b>Consumption data "Normal 60°C" with pre-wash*</b>				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	21	2	2.16
Steam consumption		kg		-	12	-	-	18	-	-	24.5	-	-	36	-

\* Water temperature 15°C cold water.

Electrical connections*		250	350	500	650	
Heating Voltage						
El.	400-415V 3 AC 50 Hz	kW(A)	21.7 (40)	32 (63)	42 (80)	61.5 (100)
Steam	400-415V 3 AC 50 Hz	kW(A)	3.7 (16)	4.8 (16)	5.8 (16)	7.8 (16)
or gas						
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	∅ mm	75	75	75	75	
Draining capacity	l/min	240	240	240	240	
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	∅ 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	920	1080	
	crated, kg	820	895	1090	1255	
Shipping volume	m <sup>3</sup>	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		7 Liquid supply connection				
2 Cold water		8 Soap box				
3 Hot water		9 Loading door				
4 Cold soft water		10 Control panel				
5 Steam connection		11 Vent connection				
6 Drain						

\* Other voltages available, see installation manual.

